# MINCON

P. O. BOX 270

GRAND JUNCTION, COLORADO

## GEOLOGIC AND ASSAY LOG

Drill-hole No. 1 ( )
Total depth 261.3
Collar elev. T 4379.3 P
Area Balboa - Thorn Ridge - Laymon

~~Map coord (T)~~ DMEA #4889
Map coord (P)
Sec. 27 T. 52 N R. 66 W
Co., State Crook County, Wyoming

Claim Laymon Lease
Date completed 5/31/58 to 6/17/58
Date logged 6/17/58
Logged by Stoick & Edson

Summary of log ; OBSS thick ; SS color ; MS ; Cbn

| FOOTAGE Top | FOOTAGE Base | FOOTAGE Thick | CORE REC | FIELD EST $U_3O_8$ | FIELD EST $V_2O_5$ | DESCRIPTION Rock | Color | Grain | Access mins | Cbn | M S in S S | Other remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 5.0 | 5.0 | Plug | | | soil | | | | | | |
| | 12.0 | 7.0 | | | | MS/SH | Gy | | Mica Limon | | | |
| | 24.0 | 12.0 | | | | SS | L Gy | F | 16-22 | N | | Some buff SS 12-14' damp |
| | 30.0 | 6.0 | | | | SS | LGy-Gy | F | | | 26-28 L-DGy | 28-30 VFG & lighter Gy Wh |
| | 36.0 | 6.0 | | | | SS | LGy-PGy | F | | | | |
| | 52.0 | 16.0 | | | | SS/SH | LGy | F | Mica;Lim | S | | 44-52 Lim-Tr.Cbn 50-52 |
| | 58.0 | 6.0 | | | | SS | LGy-Gy | F | Gyp,Mica | S | Gy | Lim stained & silty @ base |
| | 94.0 | 36.0 | | | | SH | Gy-DGy | | Pyr ? | | T/Fuson | Tr Pyrite 74-76;Sdy 92-94' |
| | 98.0 | 4.0 | | | | SH/SS | Gy-LGy | F | | | | |
| | 102.0 | 4.0 | | | | SH | Gy-DGy | Sandy | | | | Tr LGySS - 100-102 |
| | 106.0 | 4.0 | | | | SS | LGy | F | S Mica | | DGy | Part well cemented |
| | 114.0 | 8.0 | | | | SH | Gy | Silty | | | | |
| | 116.0 | 2.0 | | | | SS | Gy | F | | | | |
| | 152.0 | 36.0 | | | | SH | L-DGy | Silty-Sdy | | S | | Fn Gy SS 126-130-Cbn 146-152 |
| | 160.0 | 8.0 | | | | SH/SS | L-DGy | F-Silty | Pyrite | | | 158-160 Tr Pyrite |
| | 172.5 | 12.5 | | | | St | Gy | Sandy | A-Pyr | | | |
| 172.5 | 186.0 | 13.5 | | | | SS | LGy-LBuff | F | Fe,Pyr,Mica | S | | Silty @ top, Cbn @ 184-186 |
| 186.0 | 190.0 | 4.0 | | | | No sample - lost circulation | | | | | | |
| 190.0 | 198.0 | 8.0 | | | | SS | DBnGy | F-M | Fe | | | 196-198 coarser-some rounded & frost. |
| 198.0 | 218.0 | 20.0 | | | | ST | Pale Gy | | | S | GnGy | Well sort except sandy top |
| 218.0 | 232.0 | 14.0 | | air to 240' | | ST | LYw Gy | | Lim | | | 224-226 pale gy |
| | 242.0 | 10.0 | | water to TD | | SS | LGy | F | | | | Ang to rounded-poor sort-damp |
| | 255.0 | 13.0 | | | | Cong | LGy-vari | M-C | Ch;Ls,Feld | | | Coarser & darker @ base |
| 255.0 | 261.3 | 6.3 | | | | MS | LGn Gy | | | | | J/Morrison |

| SAMPLE Base | SAMPLE Thick | LAB ASSAY (%) $U_3O_8$* | LAB ASSAY (%) $V_2O_5$ | LAB ASSAY (%) $CaCO_3$ | SAMPLE Base | SAMPLE Thick | LAB ASSAY (%) $U_3O_8$* | LAB ASSAY (%) $V_2O_5$ | LAB ASSAY (%) $CaCO_3$ | INTERVAL Base | INTERVAL Thick | γ-RAY % e$U_3O_8$ | INTERVAL Base | INTERVAL Thick | γ-RAY % e$U_3O_8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | BARREN to 215' | | |

* Assays marked "e" are from lab gamma-ray readings

γ-Ray Log 0 1000

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Hole No. 1

E. N. Harshman mined 10/27/58 to E. N. Harshman & M. H. Marshall

COLORADO PRINTING CO.

# MINCON

P. O. BOX 270

GRAND JUNCTION, COLORADO

## GEOLOGIC AND ASSAY LOG

Drill-hole No. 2 ( )
Total depth 282.0
Collar elev. T 4384.5 P
Area Balboa - Thorn Ridge-Laymon

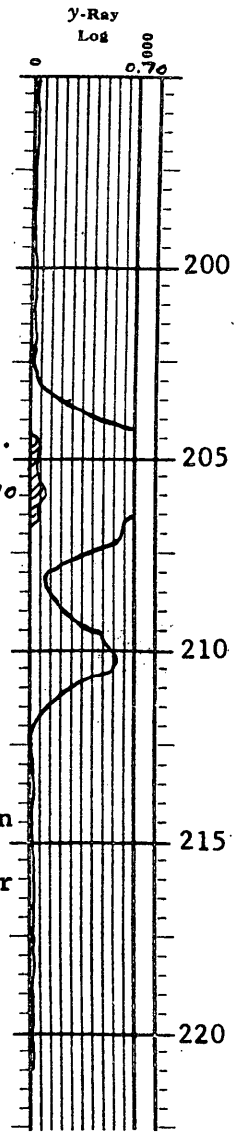
~~Map coord (T)~~ DMEA #4889
Map coord (P)
Sec. 27 T. 52 N R. 66 W
Co., State Crook County, Wyoming

Claim Laymon Lease
Date completed 6/18/58 - 6/19/58
Date logged 6/19/58
Logged by Edson

Summary of log Mineralized ; OBSS 204-258 thick 54.0 ; SS color Gy-Bn Gy ; MS Gy ; Cbn S

| FOOTAGE Top | FOOTAGE Base | FOOTAGE Thick | CORE REC | FIELD EST $U_3O_8$ | FIELD EST $V_2O_5$ | DESCRIPTION Rock | Color | Grain | Access mins | Cbn | M S in S S | Other remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 8.0 | 8.0 | | | | Soil/St | LBn | | Lim | S | | Some "iron stone" 2-4' |
| 8.0 | 14.0 | 6.0 | | | | MS/St | LGy-LYwBn | | " | N-A | | Cbn A @ base |
| | 22.0 | 8.0 | | | | ST | LYwBn | | " | | | Less Lim @ base |
| | 28.0 | 6.0 | | | | ST | LGy | | Tr Lim | S | | Some Cbn @ base |
| | 32.0 | 4.0 | | | | ST | LYw Gy | | | | Gy @ base | |
| | 52.0 | 20.0 | | | | ST/SS | LGy | VF | Mica,Lim | S | | Some stks Cbn & Blk Min |
| | 58.0 | 6.0 | | | | ST/SS | YwGy | VF | Lim,Gyp | A | | Cbn A @ base |
| | 104.0 | 46.0 | | | | SH | Gy-DGy | Silty | Gyp,Mica | | | T/Fuson -LGy Sh lam. |
| | 112.0 | 8.0 | | | | ST/SH | LBn Gy | | Mica | | | Nodules hard L Bn St. |
| | 144.0 | 32.0 | | | | ST | Gy-LGy | | Mica | | Gy silty@ | base ¥.10 |
| | 153.0 | 9.0 | | | | ST | LGy | | Mica | | LGy-Gy | |
| 153.0 | 156.0 | 3.0 | | | | SH | Blk | | A Cbn | | | Tr coal |
| | 174.0 | 18.0 | | | | ST | LGy | | | | LGy-Blk | |
| | 184.0 | 10.0 | | | | ST | Gy | | | | DGy stks | |
| | 188.0 | 4.0 | | | | ST/SS | LGy | VF | | | | Gradational T/Lakota |
| | 198.0 | 10.0 | | | | SS | Gy-DGy | VF-M | | | LGy | Silty - poor sorting |
| | 204.0 | 6.0 | | | | ST | Gy | Sdy | Pyr | | Gy | Darker @ base |
| 204.0 | 212.0 | 8.0 | | 0.05 | | SS | Gy-BnGy | Vf-F | Pyr | S | | Silty |
| | 220.0 | 8.0 | | | | SS | LBn | F | | | Gy | Damp @ base |
| | 240.0 | 20.0 | | | | SS | LGy | VF-F | Kaolin @ | base | | Silty-drillw/water 236 on |
| | 246.0 | 6.0 | | | | SS | DGy | F-M | ",Pyr | S-A | Gn | Silty |
| | 258.0 | 12.0 | | | | SS | LGy | F-C | Pyr,Ch,Feld | | None | Coarser @ base w/Fedlspar |
| | 266.0 | 8.0 | | | | Congl | Gy | Sandy | " " | " | | Transition |
| | 276.0 | 10.0 | | | | Congl | Gy | Less SS | | | | |
| 276.0 | 282.0 | 6.0 | | | | MS | DGn Gy | Silty | Pyrite | | | Bentonitic T/Jm |

| SAMPLE Base | SAMPLE Thick | LAB ASSAY (%) $U_3O_8$* | LAB ASSAY (%) $V_2O_5$ | LAB ASSAY (%) $CaCO_3$ | SAMPLE Base | SAMPLE Thick | LAB ASSAY (%) $U_3O_8$* | LAB ASSAY (%) $V_2O_5$ | LAB ASSAY (%) $CaCO_3$ | INTERVAL Base | INTERVAL Thick | γ-RAY % $cU_3O_8$ | INTERVAL Base | INTERVAL Thick | γ-RAY % $cU_3O_8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 206.0 | 2.0 | 0.05 | 0.08 | | | | | | | | | | 207.0 | 2.5 | 0.10 |
| 208.0 | 2.0 | 0.05 | 0.08 | | | | | | | | | | | | |
| 210.0 | 2.0 | 0.02 | | | | | | | | | | | | | |
| 212.0 | 2.0 | 0.04 | 0.06 | | | | | | | | | | | | |

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Hole No. 2

* Assays marked "e" are from lab gamma-ray readings

COLORADO PRINTING CO.

# MINCON

P. O. BOX 270

GRAND JUNCTION, COLORADO

## GEOLOGIC AND ASSAY LOG

Drill-hole No. 3 ( )
Total depth 240.0
Collar elev. T 4389.2 P
Area Balboa--Thorn Ridge--Laymon

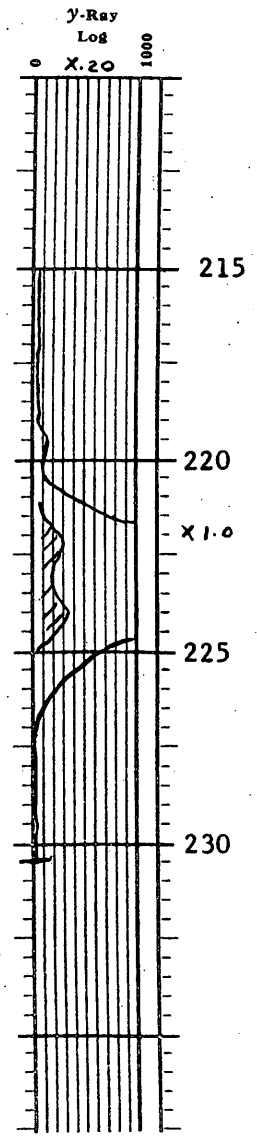
~~Map coord (T)~~ DMEA # 4889
Map coord (P)
Sec. 27 T. 52 N R. 66 W
Co., State Crook County, Wyoming

Claim Laymon Lease
Date completed 6/19/58 - 6/21/58
Date logged 6/21/58
Logged by Edson

Summary of log Mineralized ; OBSS 179.0-227.0 thick 48.0 ; SS color L Gy-D Gy ; MS LGy-DGy ; Cbn S-A

| FOOTAGE Top | FOOTAGE Base | FOOTAGE Thick | CORE REC | FIELD EST $U_3O_8$ | FIELD EST $V_2O_5$ | DESCRIPTION Rock | Color | Grain | Access mins | Cbn | M S in S S | Other remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 12.0 | 12.0 | | | | ST | LYwBn | | Lim | | LGy | Iron stone & darker 8-10 |
| | 14.0 | 2.0 | | | | MS | YwBn-Bn | | Lim | | | |
| | 20.0 | 6.0 | | | | ST | LYwBn | | Lim | | Gy | Gy Sh stks @ base |
| | 30.0 | 10.0 | | | | ST | Yw Bn | | A Lim | Tr | | Cbn stk @ 29 |
| | 54.0 | 24.0 | | | | ST | PaleGy | | | Tr | Gy | Lim @ base--Cbn @ 39'. |
| | 58.0 | 4.0 | | | | ST | DYwGy-Bn | | Lim | | Gy | Darker @ base |
| | 66.0 | 8.0 | | | | ST/SH | DGy | | | A | | Transition |
| 66.0 | 103.0 | 37.0 | | | | SH | DGy | Silty | | A | | T/Fuson |
| | 106.0 | 3.0 | | | | ST | LGy | | Tr Lim | Tr | | |
| | 114.0 | 8.0 | | | | ST/SH | Gy | | | Tr | | |
| | 124.0 | 10.0 | | | | ST | DGy | | | Tr | DGy Silty | Cuttings Damp |
| | 137.0 | 13.0 | | | | ST | Gy | | | Tr | | Grades to Sh @ base |
| | 144.0 | 7.0 | | | | SH | Gy | Silty | | | | |
| | 156.0 | 12.0 | | | | ST | LGy-Gy | | | | Gy @ base | |
| | 179.0 | 23.0 | | | | ST | LGy-Gy | | | Tr | N | Cbn @ 175' |
| 179.0 | 184.0 | 5.0 | | | | SS | LBnGy | VF | Lim | | | T/Lakota |
| | 189.0 | 5.0 | | | | SS | LGy | VF-F | | | | Darker @ base. |
| | 192.0 | 3.0 | | 0.00 | 0.10 | SS | D Gy | F-M | | A | | |
| | 202.0 | 10.0 | | | | SS | Gy-LBnGy | F | | S | S LGy Sh | Silty |
| | 218.0 | 16.0 | | | | SS | Gy-BnGy | F | | S | Tr DGy | Darker @ base |
| | 227.0 | 9.0 | | 0.10/ | | SS | D Gy | F-M | Pyr A | A | Tr DGy | Very silty |
| 227.0 | 234.0 | 7.0 | | | | ST | LYwGy | | Lim&Pyr | | | Sdy w/Pyrite @ base |
| | 236.0 | 2.0 | | | | ST/SS | Pale Gy | VF | Kaolin | | | Gradational |
| | 240.0 | 4.0 | | | | SS | Pale Gy | VF | Kaolin Feld. | | | Silty T/Lower Lakota SS |
| | | | | | | | | | | | | Probe to 230.4' |

| SAMPLE Base | SAMPLE Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | SAMPLE Base | SAMPLE Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | INTERVAL Base | INTERVAL Thick | γ-RAY % $cU_3O_8$ | INTERVAL Base | INTERVAL Thick | γ-RAY % $cU_3O_8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 224.0 | 2.0 | 0.06 | 0.11 | | | | | | | | | | 225.0 | 3.5 | 0.23 |
| 226.0 | 2.0 | 0.17 | 0.37 | | | | | | | | | | | | |




Rev.
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Hole No. 3

* Assays marked "c" are from lab gamma-ray readings

COLORADO PRINTING CO.

# MINCON

P. O. BOX 270

GRAND JUNCTION, COLORADO

## GEOLOGIC AND ASSAY LOG

Drill-hole No. 4 ( )
Total depth 232
Collar elev. T 4391.5 P
Area Balboa--Thorn Ridge--Laymon

~~Mapped (T)~~ DMEA #4889
Map coord (P)
Sec. 27 T. 52 N R. 66 W
Co., State Crook County, Wyoming

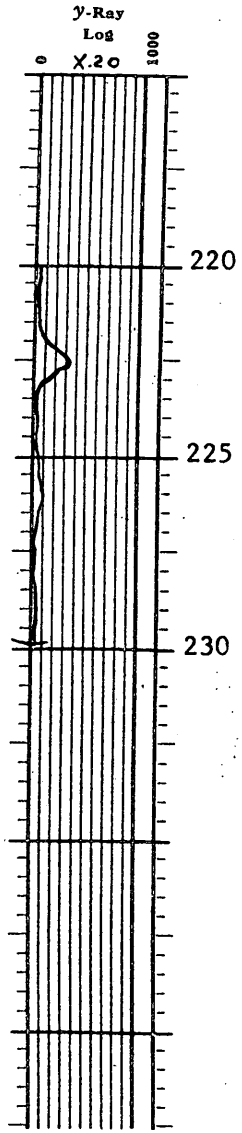
Claim Laymon Lease
Date completed 6/21/58 - 6/21/58
Date logged 6/21/58
Logged by Edson

Summary of log Favorable ; OBSS 188-223 thick 35' ; SS color LG- Dgy ; MS Gy ; Cbn A

| FOOTAGE Top | FOOTAGE Base | FOOTAGE Thick | CORE REC | FIELD EST $U_3O_8$ | FIELD EST $V_2O_5$ | DESCRIPTION Rock | Color | Grain | Access mins | Cbn | M S in S S | Other remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 2.0 | 2.0 | | | | soil | D Bn | | | | | |
| | 12.0 | 10.0 | | | | ST | DYw Bn | | | | Tr LGy | |
| | 24.0 | 12.0 | | | | ST | Yw Bn | | | | | L Gy Sh @ top |
| | 31.0 | 7.0 | | | | ST | DYw Bn | | A Lim | | | |
| | 34.0 | 3.0 | | | | ST | L Gy | | Tr Lim | Tr | | |
| | 37.0 | 3.0 | | | | ST | Gy-DGy | | Tr Pyr | A | | |
| | 59.0 | 22.0 | | | | ST | LGy | | A Lim | | | Dk Yw Gy @ base |
| | | | | | | | | | | | | A Lim 46-47 |
| 59.0 | 104.0 | 45.0 | | | | SH | DGy | Silty | | A | | T/ Fuson - fissile |
| | 144.0 | 40.0 | | | | ST | LGy-DGy | | | | Gy | Sh A @ base |
| | 148.0 | 4.0 | | | | ST | LGy | | | | | Fissile |
| | 152.0 | 4.0 | | | | ST | LGy | | | | LGy | |
| | 154.0 | 2.0 | | | | ST | DGy | | | S | LGy | |
| | 188.0 | 34.0 | | | | ST | LGy-LBnGy | | | | Gy | Sandy @ base-gradational |
| 188.0 | 196.0 | 8.0 | | | | SS | Gy | VF | Silty | A | | T/Lakota |
| | 216.0 | 20.0 | | | | SS | LGy-DGy | VF | V Silty | A | Gy @ base | A Cbn @ base |
| | 223.0 | 7.0 | | 0.07 | | SS | LGy-DGy | VF | Silty | | | Min @ base |
| | 232.0 | 9.0 | | | | ST | Pale Bn | | | | Gy Sh | |

| SAMPLE Base | SAMPLE Thick | LAB ASSAY (%) $U_3O_8$* | LAB ASSAY (%) $V_2O_5$ | LAB ASSAY (%) $CaCO_3$ | SAMPLE Base | SAMPLE Thick | LAB ASSAY (%) $U_3O_8$* | LAB ASSAY (%) $V_2O_5$ | LAB ASSAY (%) $CaCO_3$ | INTERVAL Base | INTERVAL Thick | γ-RAY % e$U_3O_8$ | INTERVAL Base | INTERVAL Thick | γ-RAY % e$U_3O_8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 224.0 | 2.0 | 0.01 | 0.05 | | | | | | | | | | 222.5 | 0.5 | 0.04 |

* Assays marked "e" are from lab gamma-ray readings




Rev.
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Hole No. 4

COLORADO PRINTING CO.

# MINCON

P. O. BOX 270

GRAND JUNCTION, COLORADO

## GEOLOGIC AND ASSAY LOG

Drill-hole No. 5 ( )
Total depth 240.0
Collar elev. T 4395.8 P
Area Balboa--Thorn Ridge--Laymon

~~Map coord (P)~~ DMEA #4889
Map coord (P)
Sec. 27 T. 52 N R. 66 W
Co., State Crook County, Wyoming

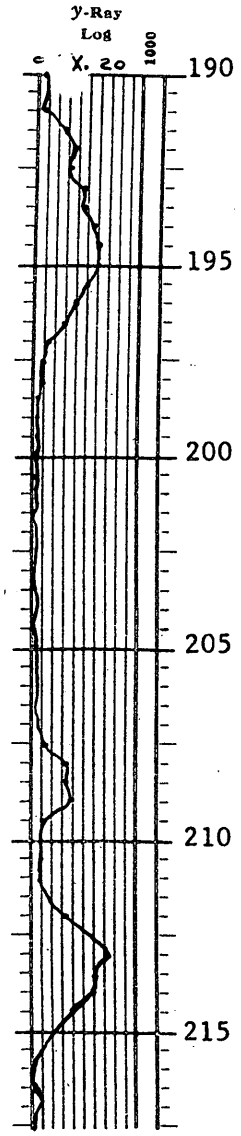
Claim Laymon Lease
Date completed 6/22/58 - 6/22/58
Date logged 6/22/58
Logged by Edson

Summary of log Mineralized ; OBSS 188.0-240.0 thick 52.0+ ? ; SS color Bn Gy ; MS Gy ; Cbn N-A

| FOOTAGE Top | FOOTAGE Base | FOOTAGE Thick | CORE REC | FIELD EST $U_3O_8$ | FIELD EST $V_2O_5$ | DESCRIPTION Rock | Color | Grain | Access mins | Cbn | M S in S S | Other remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 2.0 | 2.0 | | | | Soil | Bn | | | | | |
| | 12.0 | 10.0 | | | | ST | DYw Bn | | A Lim | Tr | | Some Iron stone |
| | 14.0 | 2.0 | | | | ST | DYw Bn | | | A | Gy | Gy Sh @ base |
| | 30.0 | 16.0 | | | | ST | LYw Bn | | A Lim | | | Darker @ 27'-Gyp @ 29' |
| | 36.0 | 6.0 | | | | ST | Pale Gy | | | | | |
| | 59.0 | 23.0 | | | | ST | LYwGy | | S Lim | S | | More Lim & Cbn @ base |
| 59.0 | 104.0 | 45.0 | | | | SH | D Gy | Fissile | | A | LGy Lam | Silty- T/Fuson |
| | 106.0 | 2.0 | | | | ST | LGy-LBn | | | | Gy | |
| | 114.0 | 8.0 | | | | ST/SH | Gy | | | | | |
| | 146.0 | 32.0 | | | | ST | Gy | | | Tr | Gy | |
| | 176.0 | 30.0 | | | | ST | LGy-DGy | | | Tr | LGy | |
| | 182.0 | 6.0 | | | | ST | Gy | | Lim-Pyr | A | | Cbn A @ top |
| | 188.0 | 6.0 | | | | ST | LGy | Sdy | | | | LBnGy @ base - grades |
| 188.0 | 209.0 | 21.0 | | Tr | | SS | RBn-Gy | VF | Pyr | A | | V silty - T/Lakota |
| | 210.0 | 1.0 | | | | SS | Bn | | Lim A | N | | |
| | 220.0 | 10.0 | | Tr | | SS | Gy-DGy | VF-F | Lim,Pyr | S | Gy @ 215 | Min 212-214 |
| | 224.0 | 4.0 | | | | SS | LYwBn | VF-F | Lim | N | Tr Gy | |
| | 240.0 | 16.0 | | | | SS | LBn | VF | | N | | Little sample below 228' |
| | | | | | | | | | | | | lost air circ. |
| | | | | | | | | | | | | Probed to 235.0' |

| SAMPLE Base | SAMPLE Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | SAMPLE Base | SAMPLE Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | INTERVAL Base | INTERVAL Thick | γ-RAY % $eU_3O_8$ | INTERVAL Base | INTERVAL Thick | γ-RAY % $eU_3O_8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 182.0 | 2.0 | 0.02 | 0.03 | | | | | | | | | | 181.0 | 0.5 | 0.05 |
| 192.0 | 2.0 | 0.016 | | | | | | | | | | | 196.0 | 4.5 | 0.09 |
| 194.0 | 2.0 | 0.05 | 0.05 | | | | | | | | | | 214.0 | 6.0 | 0.08 |
| 196.0 | 2.0 | 0.08 | 0.11 | | | | | | | | | | | | |
| 210.0 | 2.0 | 0.015 | 0.03 | | | | | | | | | | | | |
| 212.0 | 2.0 | 0.04 | | | | | | | | | | | | | |
| 214.0 | 2.0 | 0.07 | 0.11 | | | | | | | | | | | | |

* Assays marked "e" are from lab gamma-ray readings




Rev.
Ed.

Hole No. 5

COLORADO PRINTING CO.

# MINCON

P. O. BOX 270

GRAND JUNCTION, COLORADO

## GEOLOGIC AND ASSAY LOG

Drill-hole No. 6 ( )
Total depth 242.0
Collar elev. T 4394.6 P
Area Balboa--Thorn Ridge--Laymon

Map coord (T) DMEA #4889
Map coord (P)
Sec. 27 T. 52 N R. 66 W
Co., State Crook County, Wyoming

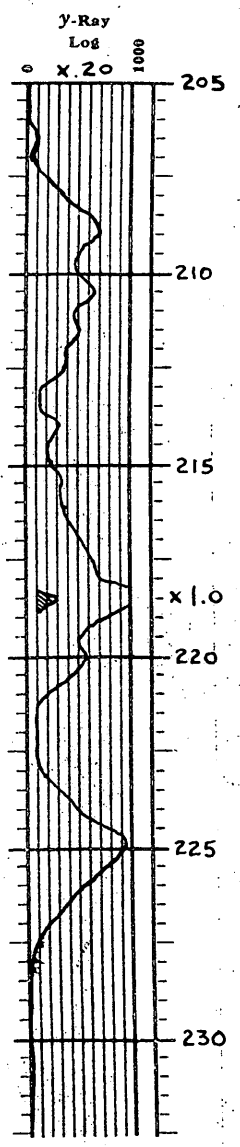
Claim Laymon Lease
Date completed 6/23/58 - 7/14/58
Date logged 7/14/58
Logged by Stoick - Edson

Summary of log Mineralized ; OBSS 180.0 -212.0 thick 32.0 ; SS color L Bn-Gy ; MS Gy ; Cbn S

| FOOTAGE Top | Base | Thick | CORE REC | FIELD EST $U_3O_8$ | $V_2O_5$ | DESCRIPTION Rock | Color | Grain | Access mins | Cbn | M S in S S | Other remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 2.0 | 2.0 | | | | Soil | Bn | | | | | Sandy |
| | 10.0 | 8.0 | | | | ST | DYwBn | Sdy | Lim | A | LGy | Cbn A @ base |
| | 28.0 | 18.0 | | | | ST | YwBn-LYwBn | SDY | Tr Lim | | | A-selenite & Lim 27-28' |
| | 38.0 | 10.0 | | | | ST | Pale Gy | | | | | Very little limonite |
| | 50.0 | 12.0 | | | | ST | LBnGy | | Lim | A | | Cbn @ 44-46 |
| | 60.0 | 10.0 | | | | ST | LYwBn | | | | | Darker @ base |
| 60.0 | 112.0 | 52.0 | | | | SH | DGy-Gy | Silty | | A | | Fissile--T/Fuson |
| | 146.0 | 34.0 | | | | ST | LGy-DGy | | | S | DGy-LGy | Upper 8' damp |
| | 154.0 | 8.0 | | | | ST | Gy-DBnGy | | | S | | |
| | 180.0 | 26.0 | | | | ST | Pale Gy | Sdy @ base | | | Tr Gy | Poor samples |
| 180.0 | 190.0 | 10.0 | | | | SS | Gy-Bn | VF-F | Mica-Pyr | S-A | | T/Lakota- silty |
| | 194.0 | 4.0 | | | | SS | LBn | VF | ALim-Feld | N | | Feldspar pink |
| | 202.0 | 8.0 | | | | SS | Gy-BnGy | VF | Tr Lim | S | | Silty - 202' chg to mud. |
| | 212.0 | 10.0 | | | | SS | Gy Lt Gy | Vf-F-M | U | S | Gy | Gn stains, some Gy Mds |
| | | | | | | | | | | | 209-210 | samples mixed quite badly |
| | | | | | | | | | | | | drld w/water @ 202. |
| | 218.0 | 6.0 | | | | SS MDS | Gy | M-C, Mdy | | little | Gy | Gy Mds & SS mixed, Yl-Gn |
| | | | | | | | | | | | | Stns 214-216. |
| | 230.0 | 12.0 | | | | MDS-SS | Gy Lt Gy | F-M-C | Pyrite | Little | Gy | Bn Stns, cuttings mixed |
| | 234.0 | 4.0 | | | | SS | Tan-Gy | Mdy F-M | Pyrite | Little | | |
| | 242.0 | 8.0 | | | | ST | Lt Gy | | | | | |
| | | | | | | | | | | | | Probed to 240.5 |

| SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | INTERVAL Base | Thick | γ-RAY % $eU_3O_8$ | INTERVAL Base | Thick | γ-RAY % $eU_3O_8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 212.0 | 2.0 | 0.02 | | | | | | | | | | | 219.0 | 1.0 | 0.18 |
| 218.0 | 2.0 | 0.03 | | | | | | | | | | | 225.5 | 1.0 | 0.17 |
| 220.0 | 2.0 | 0.07 | | | | | | | | | | | | | |
| 222.0 | 2.0 | 0.03 | | | | | | | | | | | | | |
| 226.0 | 2.0 | 0.03 | | | | | | | | | | | | | |

* Assays marked "e" are from lab gamma-ray readings

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Hole No. 6

COLORADO PRINTING CO.

# MINCON

P. O. BOX 270 — GRAND JUNCTION, COLORADO

## GEOLOGIC AND ASSAY LOG

Drill-hole No. 7 ( )
Total depth 238.0
Collar elev. 4391.3 T. P.
Area Balboa- Thorn Ridge- Laymon

Map coord (T) DMEA # 4889
Map coord (P)
Sec. 27 T. 52N R. 66 W
Co., State Crook County, Wyoming

Claim Laymon Lease
Date completed July 14, 1958
Date logged July 14, 1958
Logged by Stoick

Summary of log Favorable ; OBS 178-204 thick 26.0 ; SS color L Gy-Gy ; MS Gy ; Cbn A

| FOOTAGE Top | Base | Thick | CORE REC | FIELD EST $U_3O_8$ | $V_2O_5$ | DESCRIPTION Rock | Color | Grain | Access mins | Cbn | M S in S S | Other remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 2.0 | 2.0 | Plug | | | Soil | Bn | | | | | Sandy |
| | 14.0 | 12.0 | | | | St-Sh | Tan-Bn | VF | Mica | | Lt Gy | Sandy |
| 14.0 | 30.0 | 16.0 | | | | SS | Lt Tan | VF | Mica | | | |
| | 50.0 | 20.0 | | | | SS | V Lt Gy | VF | Mica | | | |
| | 60.0 | 10.0 | | | | SS | Lt Tan-Bn | VF | Mica | S | | Selenite and carb near base |
| 60.0 | 102.0 | 42.0 | | | | SH | Gy-Dk Gy | | | | | Silty in part, top of Fusom |
| | 106.0 | 4.0 | | | | SS | Lt Tan | VF | | | | |
| | 138.0 | 32.0 | | | | Sdy St | Gy | VF | | | | Lower part darker Gy |
| | 144.0 | 6.0 | | | | SH | Gy-DkGy | | | | | |
| | 158.0 | 14.0 | | | | SH | LtGy-Gy | | | | | |
| | 176.0 | 18.0 | | | | Sdy-St | LtGy-Gy | | | | | Little Pyrite |
| 178.0 | 200.0 | 14.0 | | | | SS | Lt Gy | VF-F | | A | | Top Lak, carb 186-190 |
| | 204.0 | 4.0 | | | | SS | Gy | F-M | Pyrite | | Gy | Abun pyrite, little Mds |
| | 208.0 | 4.0 | | | | St | Gy | | Pyrite | | | |
| | 212.0 | 4.0 | | | | Sdy-St | Tan-Gy | | Pyrite | | Gy | Hard, little Mds |
| | 230.0 | 18.0 | | | | ST | Gy | | Pyrite | | | Pyrite @ 212-214,218-224. |
| | 238.0 | 8.0 | | | | Sdy St | Gy | | Pyrite | S | | Carb @ 232-234 Py @ 236-238 |
| | | | | | | | | | | | | Probed to 237.5' |

| SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | INTERVAL Base | Thick | γ-RAY % $cU_3O_8$ | INTERVAL Base | Thick | γ-RAY % $cU_3O_8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | 189.0 | 1.0 | Tr |
| | | | | | | | | | | | | | 215.0 | 2.0 | Tr |

γ-Ray Log 0 — 1000

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Hole No. 7

* Assays marked "c" are from lab gamma-ray readings

COLORADO PRINTING CO.

# MINCON

P. O. BOX 270

GRAND JUNCTION, COLORADO

## GEOLOGIC AND ASSAY LOG

Drill-hole No. 8 (.....)
Total depth 230.0
Collar elev. 4390.4 T. ..... P
Area Balboa-Thorn Ridge-Laymon

Map coord (T) DMEA #4889
Map coord (P) .....
Sec. 27 T. 52 N R. 66 W
Co., State Crook County, Wyoming

Claim Laymon Lease
Date completed July 15, 1958
Date logged July 15, 1958
Logged by Stoick

Summary of log Favorable ; OBSS 172.0-212 thick 40.0 ? ; SS color LGy-Bk ; MS N ; Cbn S-A

| FOOTAGE Top | Base | Thick | CORE REC | FIELD EST $U_3O_8$ | $V_2O_5$ | DESCRIPTION Rock | Color | Grain | Access mins | Cbn | M S in S S | Other remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 2.0 | 2.0 | Plug | | | Soil | Bn | | | | | Little shale |
| | 14.0 | 12.0 | | | | St-Sh | Bn-Gy | | Mica | A | | Carb @ bottom |
| | 30.0 | 16.0 | | | | SS | Lt Tan | VF | | | Gy | More Bn near bottom. |
| | 52.0 | 22.0 | | | | SS | Lt Gy | VF | Mica | | | |
| | 58.0 | 6.0 | | | | SS | Tan-Bn | VF | Mica | S | | Carb @ base |
| 58.0 | 104.0 | 46.0 | | | | Sh | Gy-DkGy | | | | | Top Fuson, silty in part |
| | 108.0 | 4.0 | | | | Sdy-St | L Gy | | | | | |
| | 112.0 | 4.0 | | | | Sh | Gy | | | | | |
| | 134.0 | 22.0 | | | | Sdy-St | LtGy-Gy | | Pyrite | | | Py 114-124, Bk-DkGy @ 134. |
| | 144.0 | 10.0 | | | | Sh-Sty | Gy | Sty | | | | |
| | 160.0 | 16.0 | | | | Sh | Lt Gy | | Pyrite | | | Py 158-160. |
| | 172.0 | 12.0 | | | | St | Lt Gy | Sdy | Pyrite | | | Py 160-170 |
| 172.0 | 192.0 | 20.0 | | | | SS | Lt Gy | VF | Pyrite | S-A | | Top Lak, carb & Py: 182-192 |
| | 202.0 | 10.0 | | | | SS | Lt Gy | VF-F-M | Pyrite | S | | Carb & Py mostly at 192-196 |
| | 212.0 | 10.0 | | | | SS | LtGy-Bk | M-C | Pyrite | S-A | | Carb & Py mostly at 202-208. |
| | 222.0 | 10.0 | | | | Ms | Lt Gy | | | | | Some Bk silicified material |
| | 230.0 | 8.0 | | | | St | LtGy-Gy | | | | | |
| | | | | | | | | | | | | Probed to 228.5 |

| SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | INTERVAL Base | Thick | γ-RAY % $eU_3O_8$ | INTERVAL Base | Thick | γ-RAY % $eU_3O_8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | Barren to 228.5 | | |

* Assays marked "e" are from lab gamma-ray readings

γ-Ray Log 0 1000

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Hole No. 8

COLORADO PRINTING CO.

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**GEOLOGIC AND ASSAY LOG**

P. O. BOX 270

GRAND JUNCTION, COLORADO

Drill-hole No. 9 (.....)
Total depth 208.0
Collar elev. 4382.1 T. ..... P
Area Balboa-Thorn Ridge-Laymon

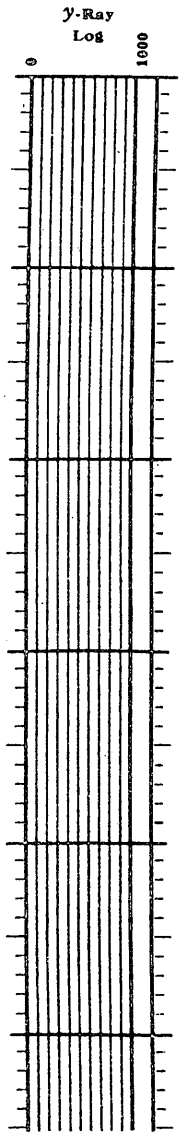
Map coord (T) DMEA #4889
Map coord (P) .....
Sec. 27 T. 52 N R. 66 W
Co., State Crook County, Wyoming

Claim Laymon Lease
Date completed July 15, 1958
Date logged July 15, 1958
Logged by Stoick

Summary of log Semi-favorable ; OBSS 170.0-188.0 thick 18.0 ; SS color Gy ; MS N ; Cbn S

| FOOTAGE Top | Base | Thick | CORE REC | FIELD EST $U_3O_8$ | $V_2O_5$ | DESCRIPTION Rock | Color | Grain | Access mins | Cbn | M S in S S | Other remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 2.0 | 2.0 | Plug | | | Soil | Bn | | | | | |
| | 16.0 | 14.0 | | | | Sh-St | Tan-Bn | Sty | Mica | S | | Carb near base. |
| | 30.0 | 14.0 | | | | SS | Lt-Tan-Tan | VF | | S | | Little Gy Sh near top. |
| | 48.0 | 18.0 | | | | SS | Lt Gy | VF | Mica, Fe | | | Fe stns 38-40. |
| | 60.0 | 12.0 | | | | SS | Lt Tan | VF | Mica | A | | A carb @ base |
| 60.0 | 62.0 | 2.0 | | | | St | Gy | | | | | Top fuson Sty in part |
| | 104.0 | 42.0 | | | | Sh | Gy | | | | | |
| | 114.0 | 10.0 | | | | St | Gy | | Mica | | | |
| | 138.0 | 24.0 | | | | Sdy St | Gy | | | | | Damp |
| | 144.0 | 6.0 | | | | Sh | Gy | Sty | | S | | S carb @ base. |
| | 152.0 | 8.0 | | | | Sh | LtGy | | | | | |
| | 160.0 | 8.0 | | | | Sh | Gy | Sty | | S | | Some Bk carb shale |
| | 170.0 | 10.0 | | | | St | Gy | | | | | |
| 170.0 | 188.0 | 18.0 | | | | SS | Gy | VF | Pyrite | S | | Top Lak, Carb & Py 182-188 |
| | 198.0 | 10.0 | | | | SdySt | Lt Gy | | | | | |
| | 204.0 | 6.0 | | | | SS | Lt Gy | VF-F | | | | |
| | 208.0 | 4.0 | | | | MS | Gy | | | | | |
| | | | | | | | | | | | | Probed to 205' |

| SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | INTERVAL Base | Thick | γ-RAY % $cU_3O_8$ | INTERVAL Base | Thick | γ-RAY % $cU_3O_8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 184.0 | 2.0 | 0.04 | | | | | | | | | | | 184.0 | 2.0 | Tr |

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Hole No. 9

* Assays marked "e" are from lab gamma-ray readings

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# MINCON

P. O. BOX 270

GRAND JUNCTION, COLORADO

## GEOLOGIC AND ASSAY LOG

Drill-hole No. 10 ( )
Total depth 202.0
Collar elev. 4386.1 T. P
Area Balboa-Thorn Ridge-Laymon

Map coord (T) DMEA #4889
Map coord (P)
Sec. 27 T. 52 N R. 66 W
Co., State Crook County, Wyoming

Claim Laymon Lease
Date completed July 16, 1958
Date logged July 16, 1958
Logged by Stoick

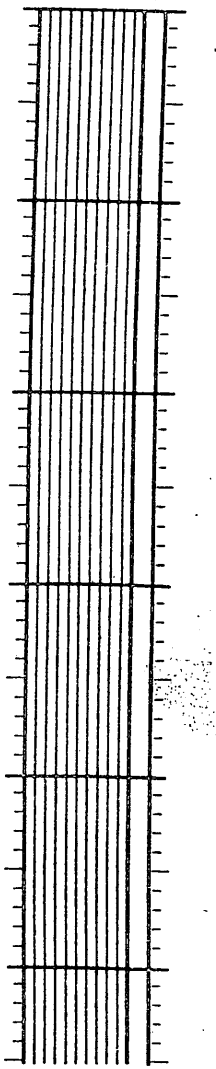
Summary of log Semi-favorable ; OBSS 174.0-188.0 thick 14.0 ; SS color L Gy ; MS N ; Cbn Tr

| FOOTAGE Top | Base | Thick | CORE REC | FIELD EST $U_3O_8$ | $V_2O_5$ | DESCRIPTION Rock | Color | Grain | Access mins | Cbn | MS in SS | Other remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 2.0 | 2.0 | Plug | | | Soil | Bn | | | | | |
| | 16.0 | 14.0 | | | | Sh-St | Tan-Bn | | | S | | Some carb Sh |
| | 30.0 | 14.0 | | | | SS | Lt Tan | VF | Fe | | | Fe stns |
| | 52.0 | 22.0 | | | | SS | Lt Gy | VF | Mica | Tr | Gy | Little Gy Sh |
| | 62.0 | 10.0 | | | | SS | LtTan-Gy | VF | | Tr | Gy | Little Gy Sh |
| 62.0 | 106.0 | 44.0 | | | | Sh | Gy-DkGy | | | | | Top Fuson Sty in part. |
| | 110.0 | 4.0 | | | | SS | Lt Gy | VF | Mica | | | |
| | 146.0 | 36.0 | | | | ST | Gy-LtGy | | | | | Sdy in part |
| | 152.0 | 6.0 | | | | Sh | Lt Gy | | | Tr | | |
| | 156.0 | 4.0 | | | | Sh-St | LtGy-Gy | | Pyrite | | | |
| | 162.0 | 6.0 | | | | Sh | Gy | | Pyrite | Tr | | |
| | 174.0 | 12.0 | | | | St | Gy | | Tr Py | | | |
| 174.0 | 180.0 | 6.0 | | | | Sdy St | Lt Gy | VF | Tr Py | | | Top Lakota |
| | 188.0 | 8.0 | | | | SS | Lt Gy | VF | Tr Py | Tr | | Carb & Py: 180-182, 186-188. |
| | 196.0 | 8.0 | | | | Sdy St | Lt Gy | | Tr Py | | Gy | Gy Sh @ 192-196, with Py. |
| | 202.0 | 6.0 | | | | MS | Gy-GyGn | | | | | |
| | | | | | | | | | | | | Probed to 196.0' |

| SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ |
|---|---|---|---|---|---|---|---|---|---|
| 186.0 | 2.0 | 0.05 | | | | | | | |

| INTERVAL Base | Thick | γ-RAY % $cU_3O_8$ | INTERVAL Base | Thick | γ-RAY % $cU_3O_8$ |
|---|---|---|---|---|---|
| | | | 187.5 | 2.0 | Tr |

γ-Ray Log

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Hole No. 10

* Assays marked "c" are from lab gamma-ray readings

COLORADO PRINTING CO.

# MINCON

P. O. BOX 270 — GRAND JUNCTION, COLORADO

## GEOLOGIC AND ASSAY LOG

Drill-hole No. 11 ( )
Total depth 202.0
Collar elev. 4382.1 T P
Area Balboa-Thorn Ridge-Laymon

Map coord (T) DMEA #4889
Map coord (P)
Sec. 27 T. 52 N R. 66 W
Co., State Crook County, Wyoming

Claim Laymon Lease
Date completed July 16, 1958
Date logged July 16, 1958
Logged by Stoick

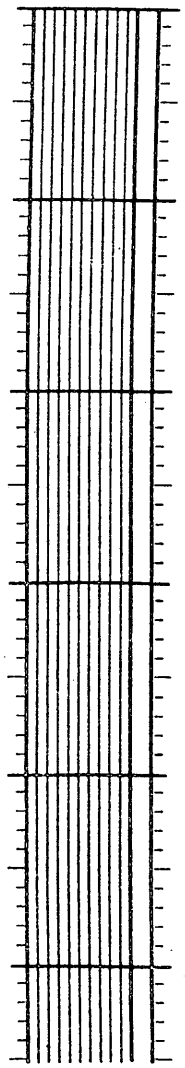
Summary of log Favorable ; OBSS 170.0-198.0 thick 28.0 ; SS color L Gy ; MS Gy-Tn ; Cbn Tr

| FOOTAGE Top | Base | Thick | CORE REC | FIELD EST $U_3O_8$ | $V_2O_5$ | DESCRIPTION Rock | Color | Grain | Access mins | Cbn | M S in S S | Other remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 4.0 | 4.0 | Plug | | | Soil | Bn | | | | | |
| | 18.0 | 14.0 | | | | Sh-St | Tn-Bn-Gy | VF | Fe, Mica | S | | Fe stains |
| | 28.0 | 10.0 | | | | SS | Tan | VF-F | | S | Gy | |
| | 50.0 | 22.0 | | | | SS | Lt Gy | VF-F | Fe Mica | S | | Damp |
| | 60.0 | 10.0 | | | | SS | Tan | VF | Selenite | S | | Damp |
| 60.0 | 62.0 | 2.0 | | | | St | Gy | | | | | Top Fuson |
| | 100.0 | 38.0 | | | | Sh | Gy-DkGy | | | | | Sty in part |
| | 104.0 | 4.0 | | | | St | Gy-LtGy | | | | | |
| | 108.0 | 4.0 | | | | Sdy-St | Lt Gy | VF | | | | |
| | 146.0 | 38.0 | | | | St | Gy-Dk-Gy | | | Tr | | Damp |
| | 154.0 | 8.0 | | | | Sh | Gy | | | | | |
| | 164.0 | 10.0 | | | | St | Gy | | Pyrite | | | |
| | 170.0 | 6.0 | | | | Sdy-St | Lt Gy | | | | | |
| 170.0 | 198.0 | 28.0 | | | | SS | Lt Gy | VF | Pyrite | Tr | Gy-Tan | Top Lakota |
| | 202.0 | 4.0 | | | | MS | Gy-GyGn | | | | | No sample 200-202 |
| | | | | | | | | | | | | Finished hole w/water. |
| | | | | | | | | | | | | Probed to 202.0 |

| SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | INTERVAL Base | Thick | γ-RAY % e$U_3O_8$ | INTERVAL Base | Thick | γ-RAY % e$U_3O_8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 188.0 | 2.0 | 0.02 | | | | | | | | | | | 187.0 | 1.0 | Tr |

* Assays marked "e" are from lab gamma-ray readings

γ-Ray Log

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Hole No. 11

COLORADO PRINTING CO.

# MINCON

P. O. BOX 270

GRAND JUNCTION, COLORADO

## GEOLOGIC AND ASSAY LOG

Drill-hole No. 12 ( 12 X )
Total depth 190.0
Collar elev. 4373.5 T 4372.4 P
Area Balboa-Thorn Ridge-Laymon

Map coord (T) DMEA # 4889
Map coord (P)
Sec. 27 T. 52 N R. 66 W
Co., State Crook County, Wyoming

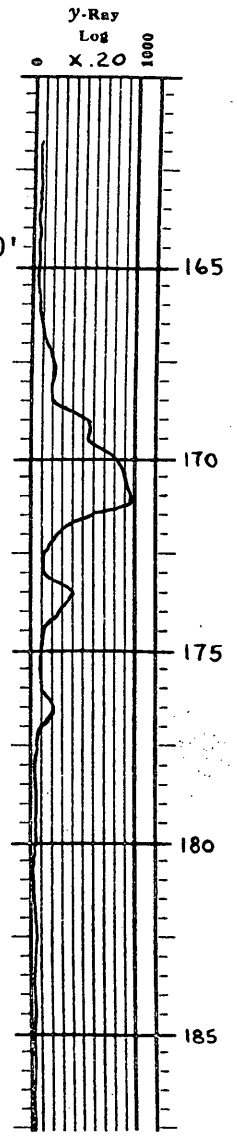
Claim Laymon Lease
Date completed July 17, 1958
Date logged July 17, 1958
Logged by Stoick

Summary of log Mineralized ; OBSS 158.0-178.0 thick 20.0 ; SS color L Gy ; MS N ; Cbn S

| FOOTAGE Top | FOOTAGE Base | FOOTAGE Thick | CORE REC | FIELD EST $U_3O_8$ | FIELD EST $V_2O_5$ | DESCRIPTION Rock | Color | Grain | Access mins | Cbn | M S in S S | Other remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 4.0 | 4.0 | Plug | | | Soil | Bn | | | | | Sandy damp |
| | 24.0 | 20.0 | | | | SS | Tan-Bn | VF | | Tr | Gy | Drilled w/water after 20' |
| | 50.0 | 26.0 | | | | SS | Lt Gy | VF | Mica | Tr | Gy | Carb 32-40 |
| | 54.0 | 4.0 | | | | SS | Tan | VF | | S | | |
| 54.0 | 58.0 | 4.0 | | | | St | Gy | | | | | Top Fuson |
| | 102.0 | 44.0 | | | | Sh | Gy-DkGy | | | | | Sty in part |
| | 136.0 | 34.0 | | | | SdySt | Gy-LtGy | | | | | Sandy silt. |
| | 150.0 | 14.0 | | | | Sh-St | LtGy-Gy | | | | | Shale & silt mixed |
| | 152.0 | 2.0 | | | | Sh | Gy | | | | | |
| | 158.0 | 6.0 | | | | SdySt | Gy | | Pyrite | Tr | | |
| 158.0 | 178.0 | 20.0 | | | | SS | Lt Gy | VF | Pyrite | S | | Top Lakota |
| | 190.0 | 12.0 | | | | St | Lt Gy | Sdy | Pyrite | | | Sandy silt. |
| | | | | | | | | | | | | Probed to 188.4 |

| SAMPLE Base | SAMPLE Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | SAMPLE Base | SAMPLE Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | INTERVAL Base | INTERVAL Thick | γ-RAY % $eU_3O_8$ | INTERVAL Base | INTERVAL Thick | γ-RAY % $eU_3O_8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 170.0 | 2.0 | 0.03 | | | | | | | | | | | 171.0 | 1.0 | 0.18 |
| 172.0 | 2.0 | 0.03 | | | | | | | | | | | | | |
| 174.0 | 2.0 | 0.04 | | | | | | | | | | | | | |

* Assays marked "e" are from lab gamma-ray readings

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Hole No. 12

COLORADO PRINTING CO.

# MINCON

P. O. BOX 270

GRAND JUNCTION, COLORADO

## GEOLOGIC AND ASSAY LOG

Drill-hole No. 13 ( 13 X )
Total depth 200.0
Collar elev. 4373.6 T 4373.8 P
Area Balboa-Thorn Ridge-Laymon

Map coord (T) DMEA #4889
Map coord (P)
Sec. 27 T. 52 N R. 66 W
Co., State Crook County, Wyoming

Claim Laymon Lease
Date completed July 19, 1958
Date logged July 19, 1958
Logged by Stoick

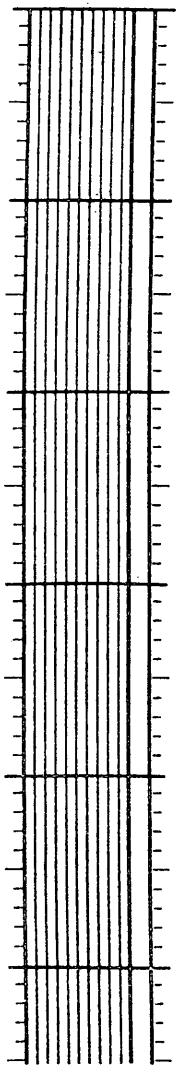
Summary of log Semifavorable ; OBSS 166.0-182.0 thick 16.0 ; SS color Lt Gy ; MS Gy ; Cbn Tr

| FOOTAGE Top | Base | Thick | CORE REC | FIELD EST $U_3O_8$ | $V_2O_5$ | DESCRIPTION Rock | Color | Grain | Access mins | Cbn | M S in b S | Other remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 4.0 | 4.0 | Plug | | | Soil | Bn | | | | | Sandy |
| | 30.0 | 26.0 | | | | SS | LtTan-Bn | VF | Mica, Fe | A | Gy | A carb @ base. |
| | 50.0 | 20.0 | | | | SS | Lt Gy | VF | Mica, Fe | | | Fe stains |
| | 56.0 | 6.0 | | | | SS | Tan-Gy | VF | | | | Very poor samples |
| 56.0 | 64.0 | 8.0 | | | | St | Gy | | | | | Top Fuson |
| | 102.0 | 38.0 | | | | Sh | Gy-DkGy | | | | | Sty in parts |
| | 144.0 | 42.0 | | | | St | Gy | | | | | Sdy in parts |
| | 154.0 | 10.0 | | | | Sh | Lt Gy | | | | | |
| | 166.0 | 12.0 | | | | Sdy St | Gy | VF | Pyrite | S | | |
| 166.0 | 182.0 | 16.0 | | | | SS | Lt Gy | Vf-F | Tr Py | Tr | Gy | Top Lakota |
| | 194.0 | 12.0 | | | | St | Lt Gy | | Tr Py | | | Very little pyrite |
| | 200.0 | 6.0 | | | | MS | Gy-GyGn | | Tr Py | | Gy | Some gy St mixed in |
| | | | | | | | | | | | | Hole drilled with water after 22.0' |
| | | | | | | | | | | | | Probed to 188.0 Barren |

| SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | INTERVAL Base | Thick | γ-RAY % e$U_3O_8$ | INTERVAL Base | Thick | γ-RAY % e$U_3O_8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | |

* Assays marked "e" are from lab gamma-ray readings

γ-Ray Log

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Hole No. 13

COLORADO PRINTING CO.

# MINCON

P. O. BOX 270

GRAND JUNCTION, COLORADO

## GEOLOGIC AND ASSAY LOG

Drill-hole No. 14 ( )
Total depth 200.0
Collar elev. 4370.8 T P
Area Balboa-Thorn Ridge-Laymon

Map coord (T) DMEA #4889
Map coord (P)
Sec. 27 T. 52 N R. 66 W
Co., State Crook County, Wyoming

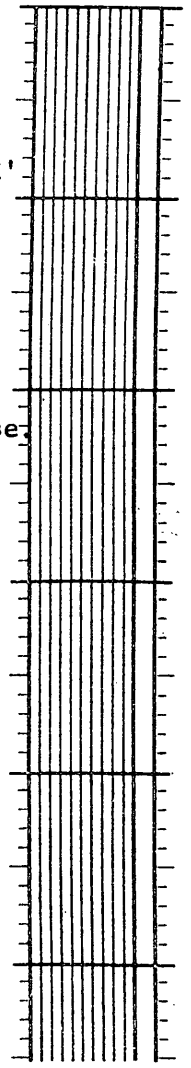
Claim Laymon Lease
Date completed July 20, 1958
Date logged July 21, 1958
Logged by Stoick

Summary of log Semifavorable ; OBSS 164.0 - 180.0 thick 16.0 ; SS color Lt Gy ; MS N ; Cbn Very little

| FOOTAGE Top | Base | Thick | CORE REC | FIELD EST $U_3O_8$ | $V_2O_5$ | DESCRIPTION Rock | Color | Grain | Access mins | Cbn | M S in S S | Other remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 4.0 | 4.0 | Plug | | | Soil | Bn | | | | | Sandy |
| | 24.0 | 20.0 | | | | SS | Lt Tan-Bn | VF | Mica | | | Drilled w/water after 22' |
| | 50.0 | 26.0 | | | | SS | Lt Gy | VF | Mica | | | Some Gy-Tan near base. |
| | 52.0 | 2.0 | | | | SS | Bn | VF | | | | |
| 52.0 | 56.0 | 4.0 | | | | St | Gy | | | | | Top Fuson |
| | 100.0 | 44.0 | | | | Sh | Gy-DkGy | | | | | Sty in parts |
| | 140.0 | 40.0 | | | | St | Gy | | Tr Pyr. | | | |
| | 152.0 | 12.0 | | | | Sh-St | LtGy-Gy | | | | | Sh & St mixed |
| | 164.0 | 12.0 | | | | St | Lt Gy-Gy | | Tr Pyr. | | | |
| 164.0 | 180.0 | 16.0 | | | | SS | Lt Gy | VF-F | Tr Pyr | Tr | | Top Lak, Pyrite near base |
| | 200.0 | 20.0 | | | | ST | Lt Gy | | Tr Pyr | | | |
| | | | | | | | | | | | | Probed to 198.5' |
| | | | | | | | | | | | | Barren |

| SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | INTERVAL Base | Thick | γ-RAY % $eU_3O_8$ | INTERVAL Base | Thick | γ-RAY % $eU_3O_8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

γ-Ray Log

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Hole No. 14

* Assays marked "e" are from lab gamma-ray readings

COLORADO PRINTING CO.

# MINCON

P. O. BOX 270 — GRAND JUNCTION, COLORADO

## GEOLOGIC AND ASSAY LOG

Drill-hole No. 15 ( )
Total depth 272.0
Collar elev. 4364.6 T. P
Area Balboa-Thorn Ridge-Laymon

Map coord (T) DMEA # 4889
Map coord (P)
Sec. 27 T. 52 N R. 66 W
Co., State Crook County, Wyoming

Claim Laymon Lease
Date completed July 25, 1958
Date logged July 25, 1958
Logged by Stoick

Summary of log Semifavorable ; OBSS 170.0-188.0 thick 18.0 ; SS color L Gy-Gy ; MS N ; Cbn N
250.0-269.0 19.0

| FOOTAGE Top | Base | Thick | CORE REC | FIELD EST $U_3O_8$ | $V_2O_5$ | DESCRIPTION Rock | Color | Grain | Access mins | Cbn | M S in S S | Other remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 4.0 | 4.0 | Plug | | | Soil Bn | Bn | | | | | Sandy |
| | 12.0 | 8.0 | | | | SS-Sh | Tan-Gy | VF | | | | |
| | 30.0 | 18.0 | | | | SS | Tan-Bn | VF | Fe, Mica | | | Fe stains |
| | 52.0 | 22.0 | | | | SS | Lt Gy | VF | Fe | Tr | | Few Fe stains, damp. |
| | 60.0 | 8.0 | | | | SS | Lt Tan-Gy | VF | | | Gy | Little Gy Sh. |
| 60.0 | 90.0 | 30.0 | | | | Sh | Lt Gy-Gy | | | | | Top Fuson, Sty in part. |
| | 124.0 | 34.0 | | | | St | Gy | | | | | Drilled w/water at 104.0 |
| | 152.0 | 38.0 | | | | Sdy St | Gy | | Tr Pyr. | | | Pyr near base |
| | 162.0 | 10.0 | | | | St-Sh | Gy | | | | | Silt & shale mixed |
| | 170.0 | 8.0 | | | | Sdy St | Gy-Lt Gy | | | | | |
| 170.0 | 188.0 | 18.0 | | | | SS | Lt Gy | VF-F | | | | Top Lak |
| | 196.0 | 8.0 | | | | Sdy-St | Lt Gy | | Tr Py | | | Very little Pyr near base, |
| | 208.0 | 12.0 | | | | MS | Gy-Gn | | Pyrite | | | Some Gy silt, samples bad |
| | 224.0 | 16.0 | | | | SS | Lt Gy | VF-F | A Pyrite | | | |
| | 240.0 | 16.0 | | | | St | Gy | | Tr Pyr | | | |
| | 250.0 | 10.0 | | | | SS | Gy | VF-F-M | Pyrite | | | Black Spks, alt spar ? |
| | 269.0 | 19.0 | | | | SS | Gy | M-C-Cgl | Tr Pyr | | | Black Spks alt spar? |
| 269.0 | 272.0 | 3.0 | | | | MS | Gy-Bn | | Tr Pyr | | | Top Morrison |
| | | | | | | | | | | | | Hole washed and caved |
| | | | | | | | | | | | | badly |
| | | | | | | | | | | | | 1½ days washing hole - |
| | | | | | | | | | | | | caving so could probe |
| | | | | | | | | | | | | to only 195.5 |

| SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | INTERVAL Base | Thick | γ-RAY % eU3O8 | INTERVAL Base | Thick | γ-RAY % eU3O8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | |

γ-Ray Log 0 — 1000

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Hole No. 15

* Assays marked "e" are from lab gamma-ray readings

COLORADO PRINTING CO.

# MINCON

P. O. BOX 270

GRAND JUNCTION, COLORADO

## GEOLOGIC AND ASSAY LOG

Drill-hole No. 16 ( )
Total depth 280.0
Collar elev. 4366.2 T. P.
Area Balboa-Thorn Ridge-Laymon

Map coord (T) DMEA # 4889
Map coord (P)
Sec. 27 T. 52 N R. 66 W
Co., State Crook County, Wyoming

Claim Laymon Lease
Date completed July 28, 1958
Date logged July 28, 1958
Logged by Stoick

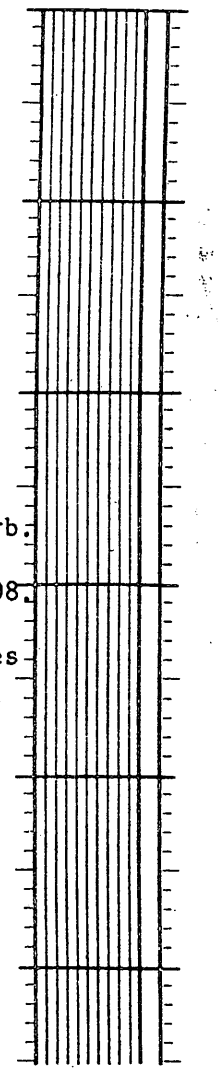
Summary of log Favorable ; OBSS 166.0-188.0 thick 22.0 ; SS color Lt Gy-Gy ; MS N ; Cbn Tr
240.0-272.0 32.0

| FOOTAGE Top | Base | Thick | CORE REC | FIELD EST $U_3O_8$ | $V_2O_5$ | DESCRIPTION Rock | Color | Grain | Access mins | Cbn | M S in S S | Other remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 4.0 | 4.0 | Plug | | | Soil | Bn-Gy | | | | | Sandy |
| | 12.0 | 8.0 | | | | SS-Sh | Tan-Gy | VF | | A | | A carb @ base |
| | 30.0 | 18.0 | | | | SS | Lt tan | VF | Fe | S | | Fe stns |
| | 48.0 | 18.0 | | | | SS | Lt Gy | VF-F | Fe | Tr | | " " |
| | 56.0 | 8.0 | | | | SS | Lt Tan-Gy | VF | Fe | Tr | | " " |
| 56.0 | 60.0 | 4.0 | | | | St | LtGy-Gy | | Tr Pyr | | | Top Fuson |
| | 98.0 | 38.0 | | | | Sh | Gy-DkGy | | | | | Sty in part |
| | 120.0 | 22.0 | | | | ST | Gy | | | | | Sdy in part damp |
| | 134.0 | 14.0 | | | | Sdy St | Gy | | | | | Damp |
| | 144.0 | 10.0 | | | | ST | Gy | | | | | |
| | 152.0 | 8.0 | | | | St-Sh | Gy-Pink | | | | | Red Sh gives pink cast. |
| | 166.0 | 14.0 | | | | St | Lt Gy | | Pyrite | | | Much Py 156.0-162.0 |
| 166.0 | 188.0 | 22.0 | | | | SS | Lt Gy-Gy | VF | | Tr | | Top Lak, very little carb. |
| | 210.0 | 22.0 | | | | Sdy St | Lt Gy | VF | Tr Pyr | | | Some VF SS, mostly Sty |
| | 214.0 | 4.0 | | | | MS | Gy-Gn | | | | | Drilled w/water after 208. |
| | 240.0 | 26.0 | | | | Sdy St | Lt Gy | | | | Gy | Little MDS @ 222-224 |
| 240.0 | 252.0 | 12.0 | | | | SS | Gy | VF | | | | Few Bk Spks, poor samples |
| | 272.0 | 20.0 | | | | SS | Gy | M-C-Cgl | Tr Pyr | | | Some Alt Spar?, Bk Spks? |
| 272.0 | 280.0 | 8.0 | | | | MS | Gy-Gn,Bk | | | | | Top Morrison |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | Probed to 274.1' |

| SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | INTERVAL Base | Thick | γ-RAY % $cU_3O_8$ | INTERVAL Base | Thick | γ-RAY % $cU_3O_8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | 271.0 | 1.0 | Tr |

* Assays marked "c" are from lab gamma-ray readings

γ-Ray Log

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Hole No. 16

COLORADO PRINTING CO.

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P. O. BOX 270

GRAND JUNCTION, COLORADO

## GEOLOGIC AND ASSAY LOG

Drill-hole No. 17 ( )
Total depth 280.0
Collar elev. 4370.1 T. P
Area Balboa-Thorn Ridge-Laymon

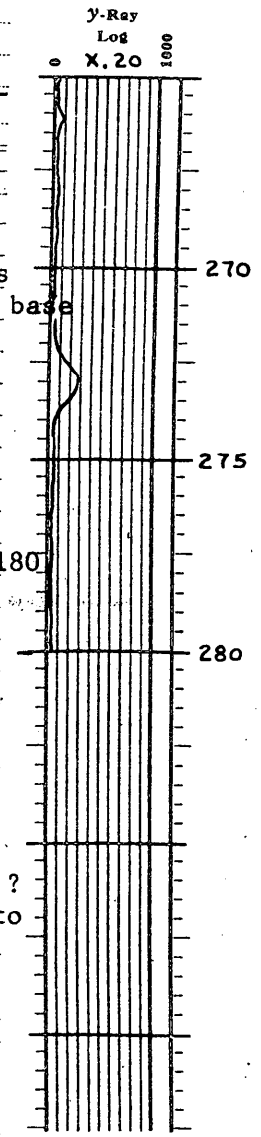
Map coord (T) DMEA # 4889
Map coord (P)
Sec. 27 T. 52 N R. 66 W
Co., State Crook County, Wyoming

Claim Laymon Lease
Date completed July 31, 1958
Date logged August 1, 1958
Logged by Stoick

Summary of log Semifavorable ; OBSS 168.0-184.0 thick 16.0 ; SS color L Gy ; MS N ; Cbn N
242.0-270 28.0

| FOOTAGE Top | Base | Thick | CORE REC | FIELD EST $U_3O_8$ | $V_2O_5$ | DESCRIPTION Rock | Color | Grain | Access mins | Cbn | M S in S S | Other remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 4.0 | 4.0 | Plug | | | Soil | Bn | | | | | |
| | 12.0 | 8.0 | | | | Sh-SS | Br-Gy | VF | | | | |
| | 28.0 | 16.0 | | | | SS | Lt Tan | VF | Mica,Fe | S | Gy | Carb near base, Fe stns |
| | 50.0 | 22.0 | | | | SS | Lt Gy | VF | Fe | S | | Fe stns, little carb @ base |
| | 56.0 | 6.0 | | | | SS | Lt Tan | VF | | S | | Little carb near base. |
| 56.0 | 62.0 | 6.0 | | | | ST | LtGy-Gy | | | | | Top Fuson |
| | 64.0 | 2.0 | | | | St-Sh | Gy | | | | | Shales and silt mixed. |
| | 96.0 | 32.0 | | | | Sh | Gy-DkGy | | | | | Sty in part |
| | 140.0 | 44.0 | | | | St | Gy-LtGy | | Tr Pyr | Tr | | Sdy in part |
| | 148.0 | 8.0 | | | | Sh | Lt Gy | | Tr Pyr | | | Some red-Bn silt |
| | 168.0 | 20.0 | | | | Sdy St | Lt Gy | | | A | | Much Pyrite |
| 168.0 | 184.0 | 16.0 | | | | SS | Lt Gy | VF-F | Tr Pyr | S | | Top Lak, A carb @ 178-180 |
| | 192.0 | 8.0 | | | | ST | Gy | | Pyrite | | | Small samples |
| | 206.0 | 14.0 | | | | SS | Lt Gy | VF-F | Tr Pyr | | | |
| | 208.0 | 2.0 | | | | MS | Lt Gy | | | | | |
| | 212.0 | 4.0 | | | | SS | Lt Gy | F- M | | | Gy | Little Gy MS |
| | 218.0 | 6.0 | | | | MS | Lt Gy | | Pyrite | | | Bent |
| | 222.0 | 4.0 | | | | SS | Lt Gy | VF | Tr Pyr | | Gy | Little Gy MS |
| | 242.0 | 20.0 | | | | ST | Lt Gy-Gn | | | | | Mdy in part |
| 242.0 | 250.0 | 8.0 | | | | SS | Lt Tan-Gy | VF | | | | |
| | 256.0 | 6.0 | | | | SS | Lt Gy | VF | | | | |
| | 270.0 | 14.0 | | | | SS | Gy-Bn | F-C-Cgl | | | | Much Cgl some alt Spar ? |
| 270.0 | 280.0 | 10.0 | | | | MS | Bk Gy Gn | | Tr Pyr | | | Top Morrison, changed to water @ 268.0 samples mixed thereafter |

| SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | INTERVAL Base | Thick | γ-RAY % $eU_3O_8$ | INTERVAL Base | Thick | γ-RAY % $eU_3O_8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | 274.0 | 1.0 | Tr |

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Hole No. 17

* Assays marked "e" are from lab gamma-ray readings

COLORADO PRINTING CO.

# MINCON

**GEOLOGIC AND ASSAY LOG**

P. O. BOX 270

GRAND JUNCTION, COLORADO

Drill-hole No. 18 (.....)
Total depth 280.0
Collar elev. 4374.5 T. ..... P
Area Balboa - Thorn Ridge-Laymon

Map coord (T) DMEA # 4889
Map coord (P) .....
Sec. 27 T. 52 N R. 66 W
Co., State Crook County, Wyoming

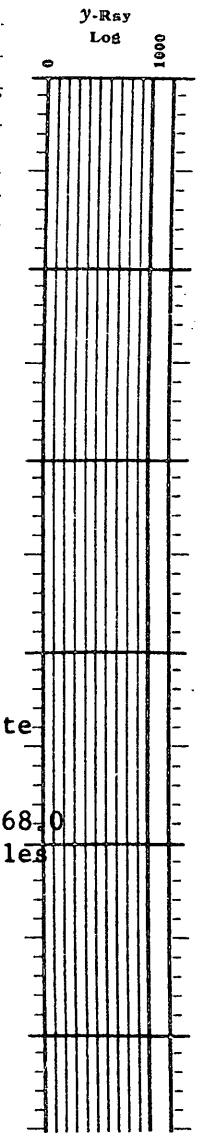
Claim Laymon Lease
Date completed August 1, 1958
Date logged August 2, 1958
Logged by Stoick

Summary of log Barren ; OBSS 170.0-180.0 thick 10.0 ; SS color Lt Gy-Gy ; MS ..... ; Cbn Little
254.0-273.0 19.0 Bn-Gy None

| FOOTAGE Top | Base | Thick | CORE REC | FIELD EST $U_3O_8$ | $V_2O_5$ | DESCRIPTION Rock | Color | Grain | Access mins | Cbn | M S in S S | Other remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 2.0 | 2.0 | Plug | | | Soil | Tan-Bn | | | | | Dakota |
| | 8.0 | 6.0 | | | | Sdy Sh | Tan Bn | | | | | |
| | 28.0 | 20.0 | | | | SS | Lt Tan-Bn | VF | Fe, Sel | S | | Fe stns, sel @ base. |
| | 52.0 | 24.0 | | | | SS | LtGy-Gy | VF | Fe | S | | Few Fe stns. |
| 52.0 | 58.0 | 6.0 | | | | St | Lt Gy | | | S | | Hard top Fuson. |
| | 94.0 | 36.0 | | | | Sh | Gy-DkGy | | | | | Sty in part. |
| | 106.0 | 12.0 | | | | St | LtGy-Gy | | | | | |
| | 108.0 | 2.0 | | | | SS | Lt Gy | VF | S pry | S | | |
| | 118.0 | 10.0 | | | | St | Gy-DkGy | | | S | | |
| | 128.0 | 10.0 | | | | Sdy St | LtGy-Gy | | | | | Damp |
| | 144.0 | 16.0 | | | | St | Gy-DkGy | | | S | | |
| | 152.0 | 8.0 | | | | Sh-St | LtGy-Gy | | | | | Shale and silt |
| | 170.0 | 18.0 | | | | St | LtGy | | S Pyr | | | Pyrite @ 154-158 |
| 170.0 | 180.0 | 10.0 | | | | SS | LtGy-Gy | VF | S Pry | S | | Top Lakota |
| | 182.0 | 2.0 | | | | MS | Gy | Sty | | | | |
| | 192.0 | 10.0 | | | | ST | LtGy-Gy | Sdy | | | | |
| | 226.0 | 34.0 | | | | SS | LtGy-Wh | VF | | | | Sty in part, mostly white |
| | 248.0 | 22.0 | | | | Sdy St | LtGy-Gy | VF | | | | |
| | 254.0 | 6.0 | | | | SS | LtGy | VF | | | | |
| | 273.0 | 19.0 | | | | SS | Bn-Gy | F-M-Cgl | | | | Drilled w/water after 268.0 |
| 273.0 | 280.0 | 7.0 | | | | MS | Bk-Gy | | | | | Top Morrison, poor samples |
| | | | | | | | | | | | | after 268.0, sand and |
| | | | | | | | | | | | | congl seems to keep |
| | | | | | | | | | | | | washing in. |

| SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | INTERVAL Base | Thick | γ-RAY % $eU_3O_8$ | INTERVAL Base | Thick | γ-RAY % $eU_3O_8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | BARREN | | |

* Assays marked "e" are from lab gamma-ray readings

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Hole No. 18

COLORADO PRINTING CO.

# MINCON

P. O. BOX 270

GRAND JUNCTION, COLORADO

## GEOLOGIC AND ASSAY LOG

Drill-hole No. 19 ( )
Total depth 282.0
Collar elev. 4374.6 T P
Area Balboa-Thorn Ridge-Laymon

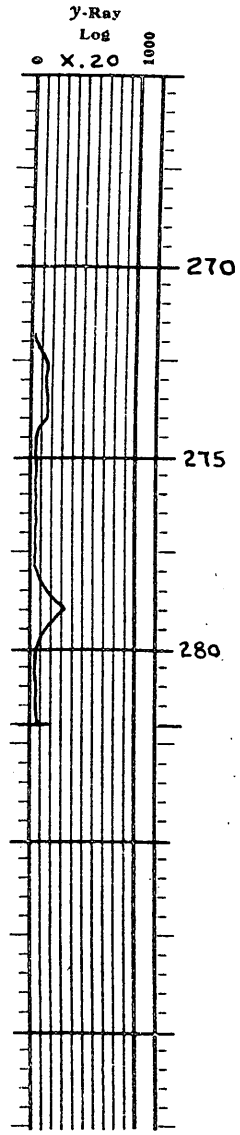
Map coord (T) DMEA # 4889
Map coord (P)
Sec. 27 T. 52 N R. 66W
Co., State Crook County, Wyoming

Claim Laymon Lease
Date completed August 2, 1958
Date logged August 3, 1958
Logged by Stoick

Summary of log Mineralized ; OBSS 166.0-182.0 254.0-278.0 thick 16.0 24.0 ; SS color Lt Gy-Gy ; MS N ; Cbn S

| FOOTAGE Top | Base | Thick | CORE REC | FIELD EST $U_3O_8$ | $V_2O_5$ | DESCRIPTION Rock | Color | Grain | Access mins | Cbn | M S in S S | Other remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 2.0 | 2.0 | Plug | | | Soil | Bn | | | | | Dakota |
| | 8.0 | 6.0 | | | | Sh-Sdy | Tan-Bn | Sdy | | | | |
| | 12.0 | 4.0 | | | | St | Lt Gy | Sdy | | | | |
| | 26.0 | 14.0 | | | | SS | Lt Tan | VF | | S | | Little Bn Ss |
| | 28.0 | 2.0 | | | | Sh | Gy | | | | | |
| | 50.0 | 22.0 | | | | SS | LtGy-Gy | VF | | | | |
| | 58.0 | 8.0 | | | | SS | Lt Tan-Bn | VF | | S | | |
| 58.0 | 76.0 | 18.0 | | | | St | Gy | | | | | Top Fuson, some shale |
| | 82.0 | 6.0 | | | | Sh | Gy-LtGy | Sty | | | | Sty in part |
| | 94.0 | 12.0 | | | | Sh | Gy | | S Pyr. | | | |
| | 104.0 | 10.0 | | | | St | LtGy-Gy | | | | | |
| | 106.0 | 2.0 | | | | SS | LtGy | VF | S Pyr. | S | | |
| | 120.0 | 14.0 | | | | St | Gy | | | | | Damp |
| | 132.0 | 12.0 | | | | SdySt | LtGy-Gy | | | | | Damp |
| | 146.0 | 14.0 | | | | St | LtGy-Gy | | S Pyr. | | | Damp little Py @ base. |
| | 150.0 | 4.0 | | | | Sh | LtGy-Gy | Sty | S Pyr | | | Damp |
| | 166.0 | 16.0 | | | | St | LtGy-Gy | Sdy | S Pyr | S | | Little Lt Gy Sh 152-154 |
| 166.0 | 182.0 | 16.0 | | | | SS | LtGy-Gy | VF-F | Pyrite | S | | Top Lakota |
| | 186.0 | 4.0 | | | | MS | Lt Gy | | Pyrite | S | | Sty in part |
| | 210.0 | 24.0 | | | | SS | Wh-LtGy | VF | S Pyr | | | Sty in part |
| | 216.0 | 6.0 | | | | MS | Lt Gy | | | | | |
| | 242.0 | 26.0 | | | | SdySt | Lt Gy | VF | S Pyr | | | |
| | 254.0 | 12.0 | | | | SS | Lt Tan | VF-F-M | | | | Alt Spar ? |
| 254.0 | 278.0 | 24.0 | | | | SS | Gy-Tan | M-Cgl | S Pyr | | | To water @ 262.0 poor samples |
| 278.0 | 282.0 | 4.0 | | | | MS | Gy-Gn | | S Pyr | | | Top Morrison |

| SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | INTERVAL Base | Thick | γ-RAY % $cU_3O_8$ | INTERVAL Base | Thick | γ-RAY % $cU_3O_8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | 274.0 | 1.5 | 0.03 |
| | | | | | | | | | | | | | 279.0 | 1.0 | 0.04 |




Rev.
Ed.

Hole No. 19

* Assays marked "e" are from lab gamma-ray readings

COLORADO PRINTING CO.

# MINCON

P. O. BOX 270 — GRAND JUNCTION, COLORADO

## GEOLOGIC AND ASSAY LOG

Drill-hole No. 20 ( )
Total depth 272.0
Collar elev. 4374.1 T P
Area Balboa-Thorn Ridge-Laymon

Map coord (T) DMEA # 4889
Map coord (P)
Sec. 27 T. 52 N R. 66 W
Co., State Crook County, Wyoming

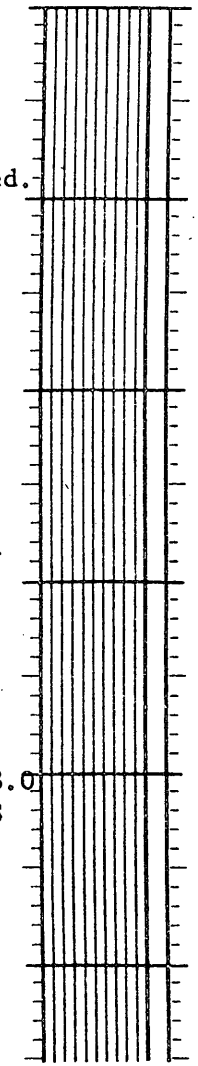
Claim Laymon Lease
Date completed August 3, 1958
Date logged August 3, 1958
Logged by Stoick

Summary of log Semi-favorable ; OBSS 164.0-184.0 thick 20.0 ; SS color Lt Gy-Gy ; MS N ; Cbn Little
244.0-262.0 18.0 Gy-Bn

| FOOTAGE Top | Base | Thick | CORE REC | FIELD EST $U_3O_8$ | $V_2O_5$ | DESCRIPTION Rock | Color | Grain | Access mins | Cbn | M S in S S | Other remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 2.0 | 2.0 | Plug | | | Soil | Tan | VF | | | | Sandy, Dakota |
| | 12.0 | 10.0 | | | | SS-Sh | Tan | VF | | Abn | | Sand & Shale interbedded. |
| | 26.0 | 14.0 | | | | SS | Tan-Bn | VF | | S | | Little Gy shale |
| | 50.0 | 24.0 | | | | SS | Lt Gy | VF | | Tr | | |
| | 56.0 | 6.0 | | | | SS | LtGy-Tan | VF | | | | |
| 56.0 | 64.0 | 8.0 | | | | ST | Gy | | | | | Top Fuson. |
| | 92.0 | 28.0 | | | | Sh | Gy | | | | | Sty from 74.0-80.0 |
| | 102.0 | 10.0 | | | | ST | Gy | | | | | |
| | 104.0 | 2.0 | | | | SS | Lt Gy | VF | | S | | |
| | 140.0 | 36.0 | | | | ST | LtGy-Gy | | | S | | Sdy in part |
| | 144.0 | 4.0 | | | | Sh | Lt Gy | | | | | |
| | 148.0 | 4.0 | | | | SS | Lt Gy | VF-Sty | S Pyr | S | | |
| | 164.0 | 14.0 | | | | ST | LtGy-Gy | | S Pyr | | | |
| 164.0 | 184.0 | 20.0 | | | | SS | LtGy-Gy | VF | Tr Pyr | S | | Top Lakota, carbon near bottom |
| | 196.0 | 12.0 | | | | ST | Lt Gy | Sdy | | | | |
| | 212.0 | 16.0 | | | | SS | Lt Gy | Sty-VF | Tr Pyr | | | |
| | 218.0 | 6.0 | | | | MS | Lt Gy | | | | | |
| | 234.0 | 16.0 | | | | ST | Lt Gy | | | | | Sdy in part |
| | 244.0 | 10.0 | | | | MS | DkGy | | | | | |
| 244.0 | 262.0 | 18.0 | | | | SS | Gy-Bn | F-M-C-Cgl | S Pyr | | | To water drilling @ 248.0 |
| 262.0 | 272.0 | 10.0 | | | | MS | Gy-Gn,Bk | | | | | Top Morrison, little SS washing up w/Mds. |

| SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | INTERVAL Base | Thick | γ-RAY % $eU_3O_8$ | INTERVAL Base | Thick | γ-RAY % $eU_3O_8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | 242.0 | 0.5 | Tr |

γ-Ray Log




Rev.
Ed.

Hole No. 20

* Assays marked "e" are from lab gamma-ray readings

COLORADO PRINTING CO.

# MINCON

P. O. BOX 270

GRAND JUNCTION, COLORADO

## GEOLOGIC AND ASSAY LOG

Drill-hole No. 21 ( )
Total depth 282.0
Collar elev. 4379.3 T P
Area Balboa-Thorn Ridge-Laymon

Map coord (T) DMEA # 4889
Map coord (P)
Sec. 27 T. 52 N R. 66 W
Co., State Crook County, Wyoming

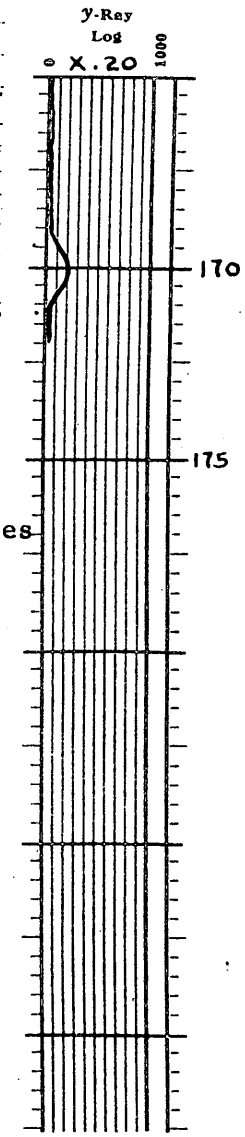
Claim Laymon Lease
Date completed August 5, 1958
Date logged August 5, 1958
Logged by Stoick

Summary of log Favorable ; OBSS 160.0-182.0 thick 22.0 ; SS color LtGy ; MS N ; Cbn N
248.0-270.0 22.0 Bn-Gy

| FOOTAGE Top | Base | Thick | CORE REC | FIELD EST $U_3O_8$ | $V_2O_5$ | DESCRIPTION Rock | Color | Grain | Access mins | Cbn | M S in S S | Other remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 4.0 | 4.0 | Plug | | | Soil | Tan | Sdy | | | | Sandy, Dakota |
| | 14.0 | 10.0 | | | | SS-Sh | Tan-Bn,Gy | VF-Sdy | | S | | SS and Sh mixed |
| | 30.0 | 16.0 | | | | SS | Tan-DkBn | VF- | | S | | Damp |
| | 48.0 | 18.0 | | | | SS | Lt Gy | VF | | S | | Damp, to water drilling @ 42.0 |
| | 58.0 | 10.0 | | | | SS | Lt Tan-Bn | VF | | | | |
| 58.0 | 64.0 | 6.0 | | | | ST | Gy | | | | | Top Fuson |
| | 100.0 | 36.0 | | | | SH | Gy-LtGy | | | | | Sty in part |
| | 104.0 | 4.0 | | | | ST | Gy | | | | | |
| | 108.0 | 4.0 | | | | Sdy St | Gy | | | | | |
| | 140.0 | 32.0 | | | | ST | Gy | | | | | Sdy in part, poor samples |
| | 144.0 | 4.0 | | | | SH | Gy | | | | | |
| | 160.0 | 16.0 | | | | ST | Gy | | | | | Some SH intermixed |
| 160.0 | 182.0 | 22.0 | | | | SS | Lt Gy | VF | S Pyr | | | Top Lakota, few orange stns 170.0-176.0 |
| | 202.0 | 20.0 | | | | Sdy St | LtGy-Wh | VF | | | | |
| | 216.0 | 14.0 | | | | SS | Lt Gy | VF | | S | | Sty in part |
| | 222.0 | 6.0 | | | | StyMs | LtGy | | | | | |
| | 240.0 | 18.0 | | | | SS-St | LtGy | VF | | | | Sty |
| | 248.0 | 8.0 | | | | MS | DkGy | | | | | |
| 248.0 | 270.0 | 22.0 | | | | SS | Bn-Gy | F-M-Cgl | S Pyr | | | |
| 270.0 | 282.0 | 12.0 | | | | MS | Bk-Gy | | Pyrite | | | Top Morrison, some Bn clay. |

| SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | SAMPLE Base | Thick | LAB ASSAY (%) $U_3O_8$* | $V_2O_5$ | $CaCO_3$ | INTERVAL Base | Thick | γ-RAY % $eU_3O_8$ | INTERVAL Base | Thick | γ-RAY % $eU_3O_8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | 170.0 | 0.5 | 0.03 |

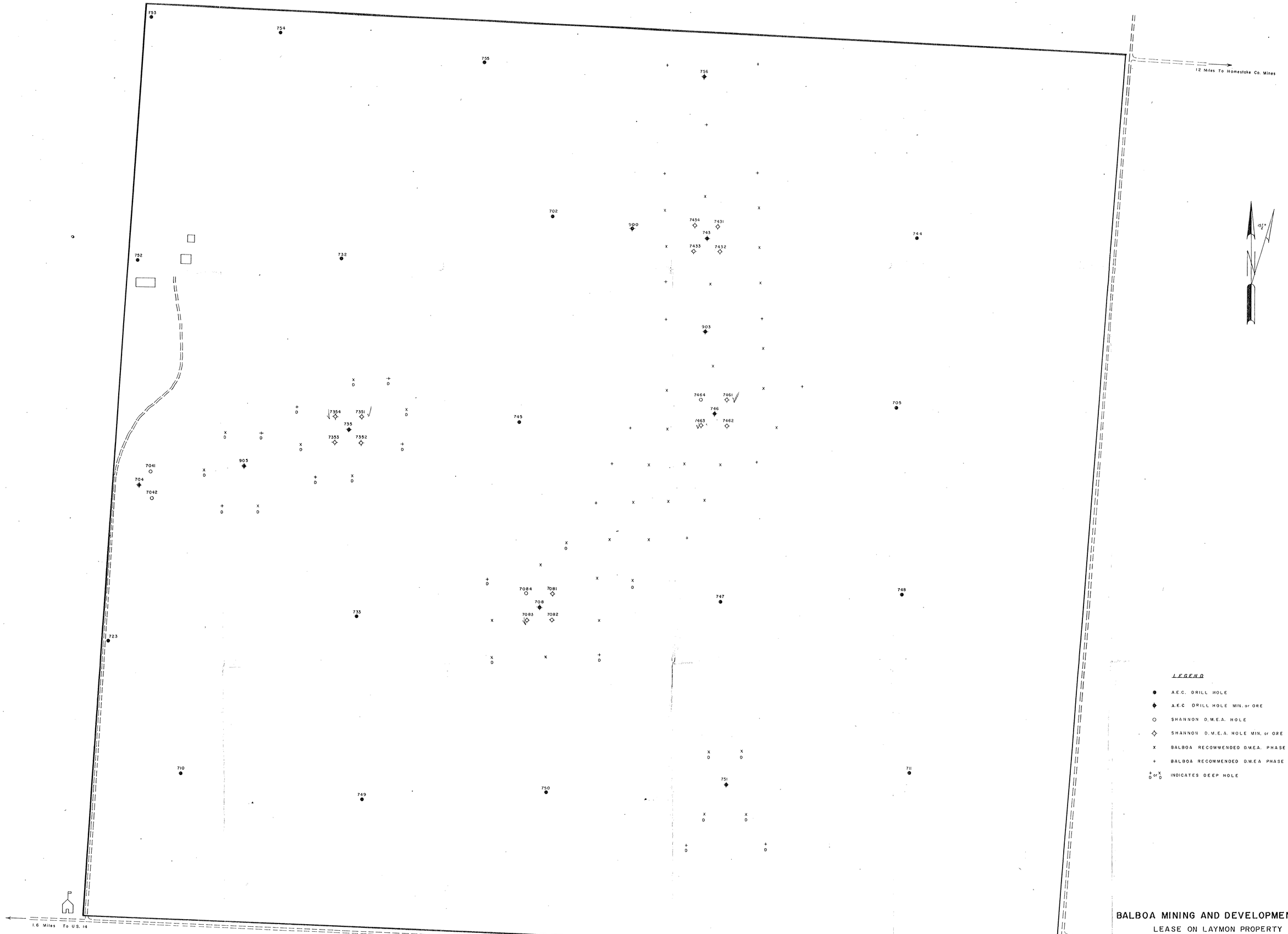
* Assays marked "e" are from lab gamma-ray readings




Rev.
Ed.

Hole No. 21

COLORADO PRINTING CO.




LEGEND

- ● A.E.C. DRILL HOLE
- ◆ A.E.C DRILL HOLE MIN. or ORE
- ○ SHANNON D.M.E.A. HOLE
- ◇ SHANNON D.M.E.A. HOLE MIN. or ORE
- X BALBOA RECOMMENDED D.M.E.A. PHASE 1
- + BALBOA RECOMMENDED D.M.E.A PHASE 2
- +/D or X/D INDICATES DEEP HOLE

# BALBOA MINING AND DEVELOPMENT CO.

LEASE ON LAYMON PROPERTY

SCALE 1" = 100' CROOK COUNTY, WYO.

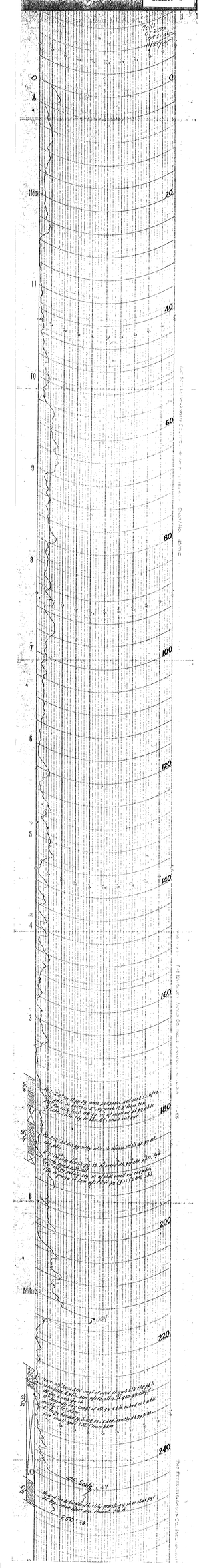
W 1/2 NE 1/4, AND E1/2NW 1/4, — T. 52 N., R. 66 W., Sec 27

EXHIBIT "D"

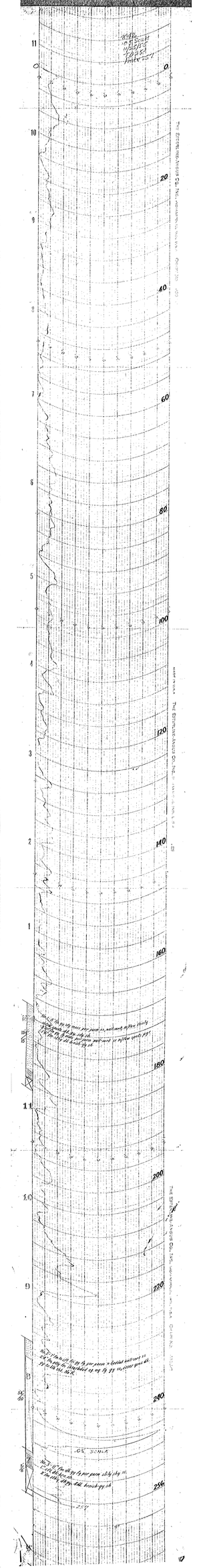
Oct. 17, 1957
Nov. 11, 1957

SHANNON OIL COMPANY
LAYMON LEASE, CROOK CO., WYO.
DMEA DOCKET 3762 (URANIUM)
CONTRACT IDM-E870
HOLE NO. 7041
SCALE: .05
TOTAL DEPTH: 250'
DATE: 11-25-55
ELEVATION: 4352.3

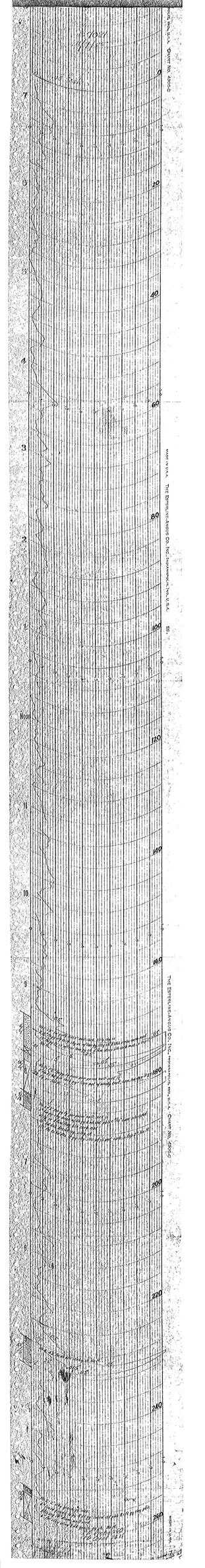
EXHIBIT "B"



SHANNON OIL COMPANY
LAYMON LEASE, CROOK CO., WYO.
DMEA DOCKET 3762 (URANIUM)
CONTRACT: IDM-E870
HOLE NO.: 7042
SCALE: .05
TOTAL DEPTH: 258
DATE: 11-25-55
ELEVATION: 4355.8

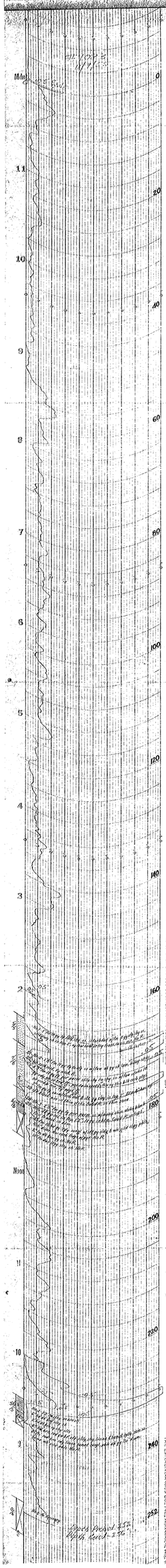


SHANNON OIL COMPANY
LAYMON LEASE, CROOK CO., WYO.
DMEA DOCKET 3762 (URANIUM)
CONTRACT IDM-E870
HOLE NO.: 7081
SCALE: .05, .25, .5
TOTAL DEPTH: 261'
DATE: 11-9-55
ELEVATION: 4383.8

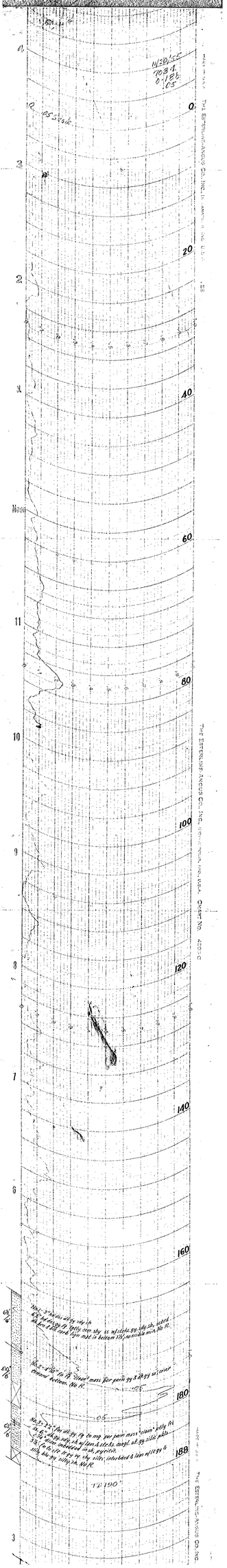


SHANNON OIL COMPANY
LAYMON LEASE, CROOK CO., WYO.
DMEA DOCKET 3762 (URANIUM)
CONTRACT IDM-E870
HOLE NO.: 7082
SCALE: .05, .25, .5
TOTAL DEPTH: 190'
DATE: 11-8-55
ELEVATION: 4381.5

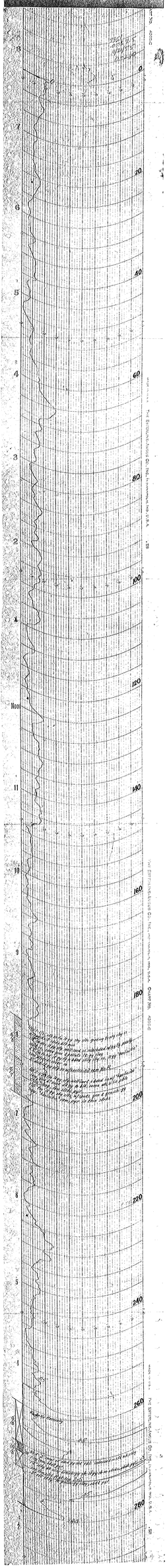
SHANNON OIL COMPANY
LAYMON LEASE, CROOK CO., WYO.
DMEA DOCKET 3762 (URANIUM)
CONTRACT: IDM-E870
HOLE NO.: 7088
SCALE: 05, 25, .5, 2.5
TOTAL DEPTH: 256'
DATE: 11-9-85
ELEVATION: 4378.9



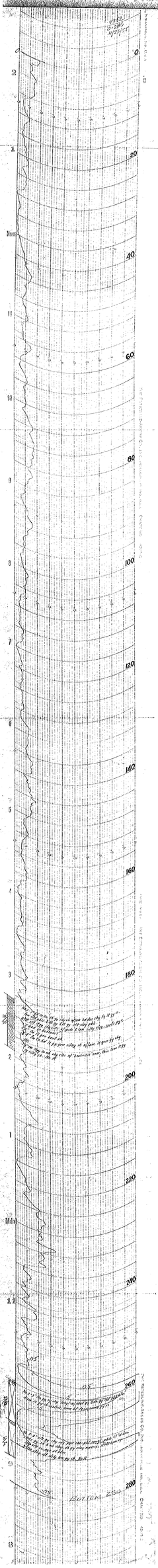
SHANNON OIL COMPANY
LAYMON LEASE, CROOK CO., WYO.
DMEA DOCKET 3762 (URANIUM)
CONTRACT IDM-E870
HOLE NO.: 7084
SCALE: .05
TOTAL DEPTH: 190
DATE: 11-20-55
ELEVATION: 4380.8



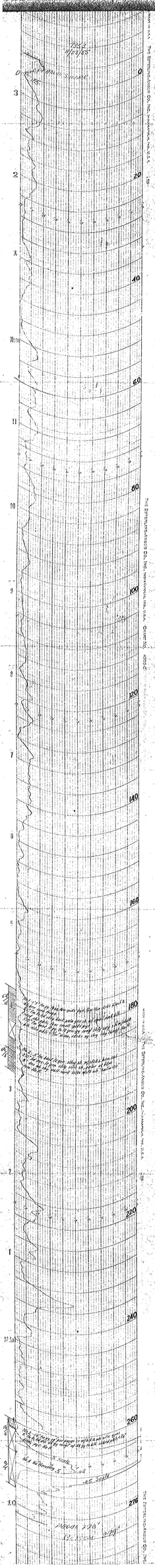
SHANNON OIL COMPANY
LAYMON LEASE, CROOK CO., WYO.
DMEA DOCKET 3762 (URANIUM)
CONTRACT IDM-E870
HOLE NO.: 7351
SCALE: .05, 2.5
TOTAL DEPTH: 280'
DATE: 11-21-85
ELEVATION: 4370.9



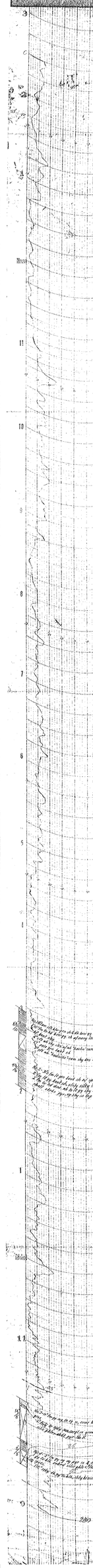
SHANNON OIL COMPANY
LAYMON LEASE, CROOK CO., WYO.
DMEA DOCKET 3762 (URANIUM)
CONTRACT IDM-E870
HOLE NO.: 7352
SCALE: .05,.5
TOTAL DEPTH: 280'
DATE: 11-23-55
ELEVATION: 4370.4



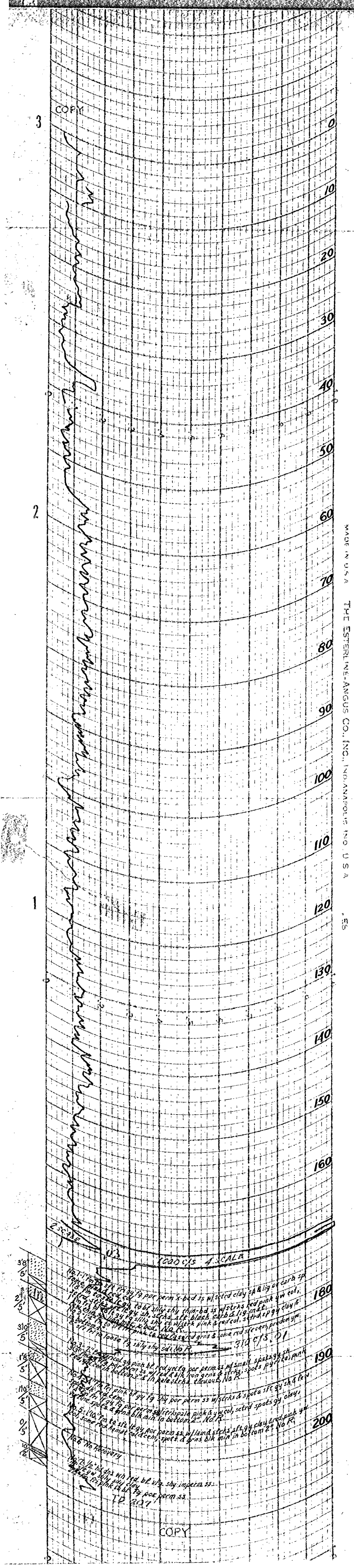
SHANNON OIL COMPANY
LAYMON LEASE, CROOK CO., WYO.
DMEA DOCKET 3762 (URANIUM)
CONTRACT IDM-E870
HOLE NO.: 7353
SCALE: .05/5
TOTAL DEPTH: 279'
DATE: 11-23-55
ELEVATION: 4367.6



SHANNON OIL COMPANY
LAYMON LEASE, CROOK CO., WYO.
DMEA DOCKET 3762 (URANIUM)
CONTRACT: IDM-E870
HOLE NO.: 7354
SCALE: 05, 5, 2.5
TOTAL DEPTH: 280'
DATE: 11-20-55
ELEVATION: 4368.6



SHANNON OIL COMPANY
LAYMON LEASE, CROOK CO., WYO.
DMEA DOCKET 3762 (URANIUM)
CONTRACT IDM-E870
HOLE NO.: 7431
SCALE: 4&2(A.E.C.)
TOTAL DEPTH: 207'
DATE: 11-1-55
ELEVATION: 4377.75

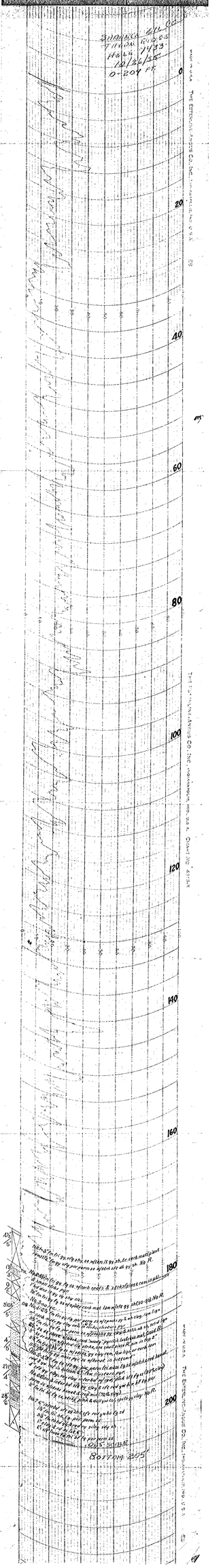


SHANNON OIL COMPANY
LAYMON LEASE, CROOK CO., WYO.
DMEA DOCKET 3762 (URANIUM)
CONTRACT IDM-E870
HOLE NO.: 7432
SCALE: 4(A.E.C.)
TOTAL DEPTH: 264'
DATE: 10-24-55
ELEVATION: 4382.5

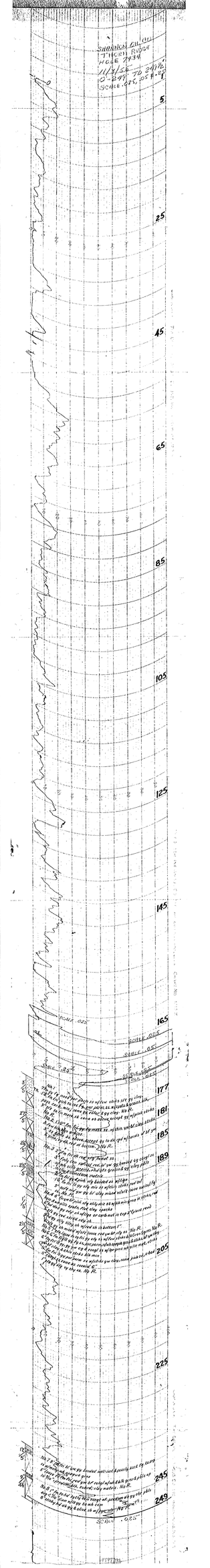



MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A.

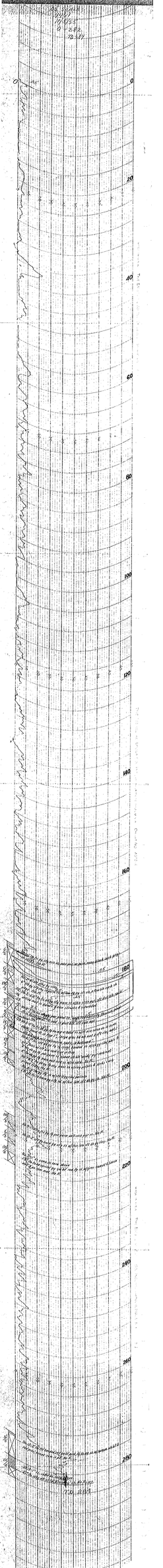
SHANNON OIL COMPANY
LAYMON LEASE, CROOK CO., WYO.
DMEA DOCKET 3762 (URANIUM)
CONTRACT IDM-E870
HOLE NO.: 7433
SCALE: .025, .25
TOTAL DEPTH: 205'
DATE: 10-26-55
ELEVATION: 4381.3



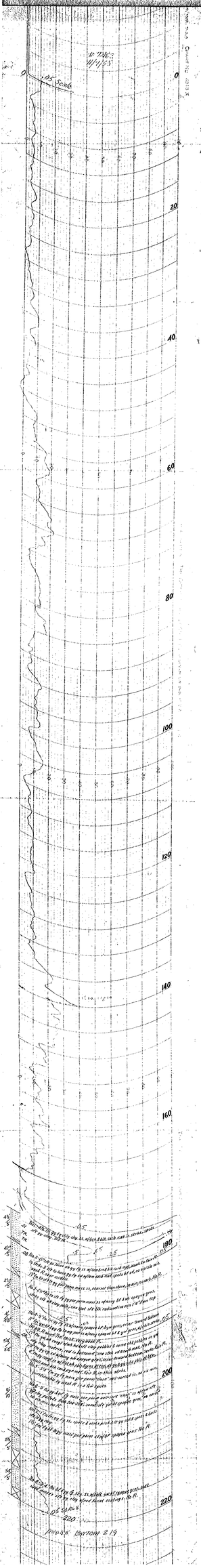
SHANNON OIL COMPANY
LAYMON LEASE, CROOK CO., WYO.
DMEA DOCKET 3762 (URANIUM)
CONTRACT IDM-E870
HOLE NO.: 7434
SCALE: .025, .05, .25
TOTAL DEPTH: 249½'
DATE: 11-3-55
ELEVATION: 4378.0



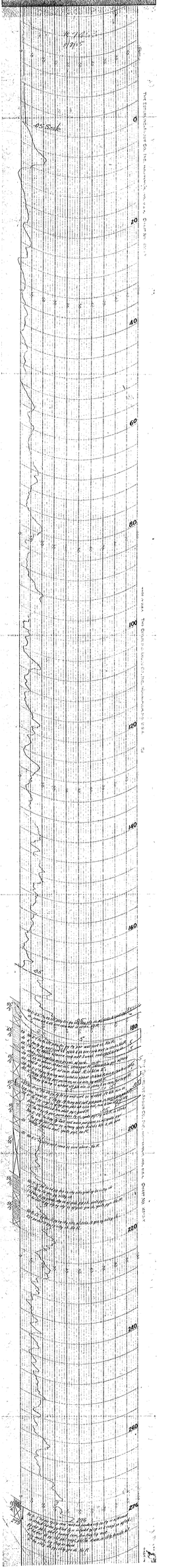
SHANNON OIL COMPANY
LAYMON LEASE, CROOK CO., WYO.
DMEA DOCKET 3762 (URANIUM)
CONTRACT IDM-E870
HOLE NO.: 7461
SCALE: .05, .25, .5, 2.5
TOTAL DEPTH: 284'
DATE: 11-5-55
ELEVATION: 4393.7



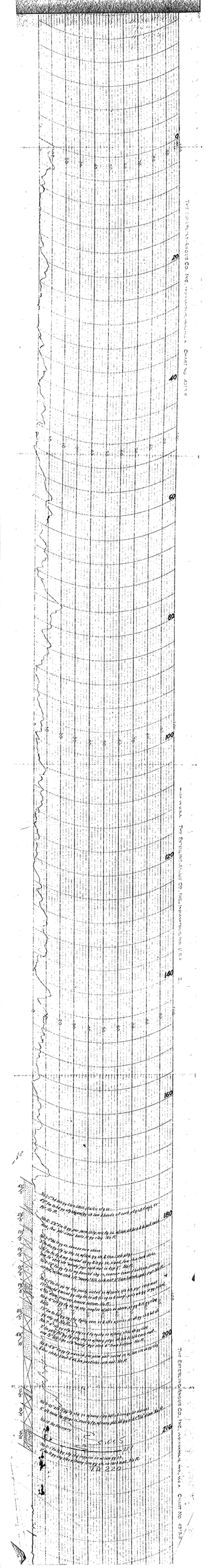
SHANNON OIL COMPANY
LAYMON LEASE, CROOK CO., WYO.
DMEA DOCKET 3762 (URANIUM)
CONTRACT IDM-E870
HOLE NO.: 7462
SCALE: .05, .25, .5
TOTAL DEPTH: 220'
DATE: 11-7-55
ELEVATION: 4394.95

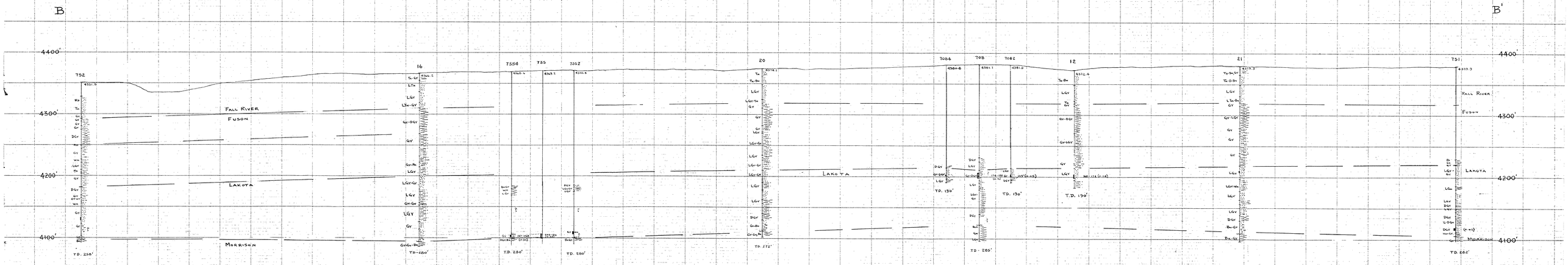


SHANNON OIL COMPANY
LAYMON LEASE, CROOK CO., WYO.
DMEA DOCKET 3762 (URANIUM)
CONTRACT IDM-E870
HOLE NO.: 7463
SCALE: .05, .5, 2.5
TOTAL DEPTH: 279'
DATE: 11-8-55
ELEVATION: 4393.0



SHANNON OIL COMPANY
LAYMON LEASE, CROOK CO., WYO.
DMEA DOCKET 3762 (URANIUM)
CONTRACT IDM-E870
HOLE NO.: 7464
SCALE: .05
TOTAL DEPTH: 220'
DATE: 11-5-55
ELEVATION: 4392.2






BALBOA MINING & DEVELOPMENT CO.

LAYMON LEASE

CROOK COUNTY, WYOMING

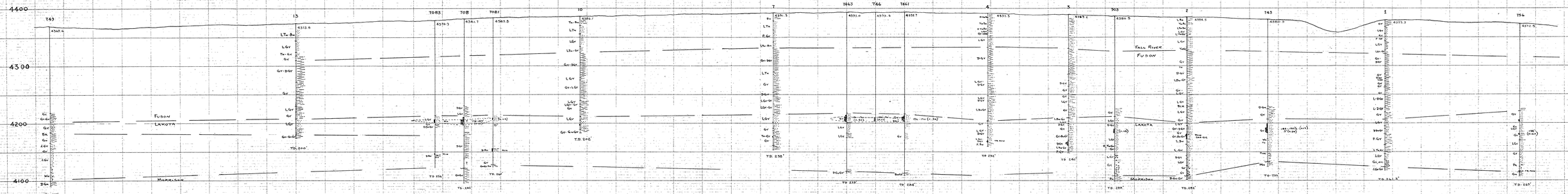
HORIZONTAL & VERTICAL SCALE 1" = 50'

JULY 1958.

Rev. 9-5-58

B-B'

E.N. Hawkins memo 10/7/58 to E.N. Hawkins & M.H. Mosdell




Balboa Mining & Development Co.

Laymon Lease

Crook County, Wyoming

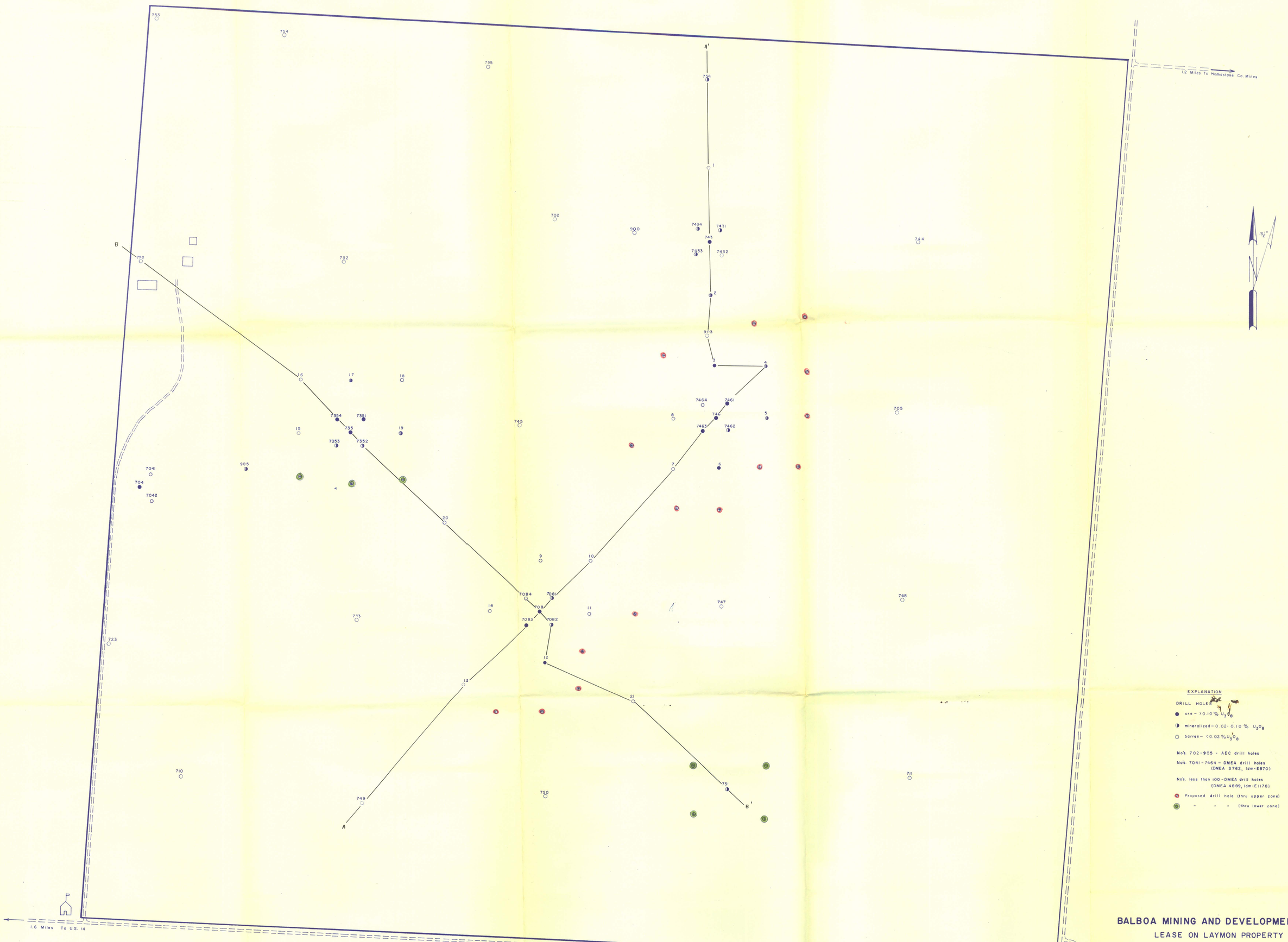
Horizontal & Vertical Scale 1" = 50'

July 1958

Rev. 1-9-59
10-20-58

A-A'

E. N. Hershman memo 10/2/58 To E. N. Hershman & M. H. Marshall




**BALBOA MINING AND DEVELOPMENT CO.**

LEASE ON LAYMON PROPERTY

SCALE 1" = 100' CROOK COUNTY, WYO.

W 1/2 NE 1/4, AND E1/2NW1/4, — T. 52 N., R. 66 W., Sec 27

DRILL HOLE MAP WITH HOLES

PROPOSED PHASE II, DMEA 4889

OCT. 9, 1958

E. N. Hawkinson memo 10/27/58 to E. N. Hawkinson & M. H. Marshall