

# RECORD OF SAMPLE DESCRIPTION

GULF T-1161 PRINTED IN U.S.A.

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SEC. 24 TWP. 11S RGE. 25E LOCATION 450/NL 1300/WL  
 FARM Bonanza NO. 19 ELEVATION 6500'  
 OWNER Bulfinch STATE Utah COUNTY Uintah  
 SAMPLES FROM 0 TO 300 EXAMINED BY R.L. & A.D.G. DATE 7/25/74

FROM	TO	LITHOLOGIC DESCRIPTION, FORMATION AND REMARKS
0	10	Uinta sandstone fm., buff yellow, soft
10	20	as above
20	30	Marl light gray, and uinta sandstone
30	40	Marl med. brown, quite hard
40	50	Marl med. brown and med. light gray, quite hard
50	60	Marl light gray and some brown gy.
60	70	Marl light brown, hard
70	80	Marl med. brown, hard
80	90	as above
90	100	Marl light to med. brown and chalklike white material
100	110	Marl light gray to light brown
110	120	Marl med. brown
120	130	Marl med. brown, hard
130	140	Marl med. brown, hard
140	150	Marl med. brown, hard
150	160	Marl dark brown, hard, v.f. xlm, nearly a dol.
160	170	Marl - bn to gy-bn, v.f. xlm, hard, tr Marl - tan
170	180	as above
180	190	Marl - gy-bn to bn, v.f. xlm, hard
190	200	as above
200	210	Marl - bn to gy-bn, hard
210	220	Marl - gy to tan, hard, dol.
220	230	Marl or oil sh - bn to gy-bn, hard
230	240	Marl - as above, tr Marl - tan, soft
240	250	Marl or oil sh - bn, fairly rich, hard
250	260	as above, tr Marl - lt. bn, fairly soft
260	270	same as above
270	280	Marl - bn to gy-bn, hard
280	290	Marl or oil sh - gy to gy-bn, hard, tr tan Marl - soft
290	300	Marl - bn to gy-bn, hard, poss. low grade oil sh.
		T.D. 300'

# BONANZA #19 1975

## OIL SHALE CORE DESCRIPTION

K.B. Ht. 4.0'  
PAGE 1

cut 375  
cut 305-675  
cut 700

DEPTH	LITHOLOGY	COLOR					BEDDING	EST. RICHNESS	CALCAR- OUSNESS	ACCE- SSORY	MISC.	REMARKS
		TAN	GRAY	BROWN	GRY-BRN	BLACK						
309.0	OIL Sh											5/23/75
310.0	tuff											
310.1	OIL Sh											
311.0	OIL Sh											
311.1	tuff											
311.2	OIL Sh											
315.1	tuff											tuff contains oil
315.3	OIL Sh											
317.7	tuff											
317.8	OIL Sh											
320.6	OIL Sh											
321.1	tuff & OIL Sh											
321.2	OIL Sh											
323.0												5/24/75
323.0	OIL Sh											changed core catcher but it appears that a lot of core was ground up
324.2	OIL Sh											
325.5	OIL Sh											
325.8	OIL Sh											
327.9	tuff											
328.0	OIL Sh											1" tuff with oil at 329
330.0	tuff											
330.3	OIL Sh											
330.5	tuff											
330.6	OIL Sh											
332.6	tuff											
332.8	OIL Sh											
333.6	Lost											
342.6												
342.6	OIL Sh											
342.9	tuff											tuff contains oil
343.0	OIL Sh											vert. frac. from 343.0 to 344.4
353.7	tuff											1" tuff with oil at 344.8
354.0	OIL Sh											
354.1	tuff											thick tuff light gray wavy
355.1	OIL Sh											
362.6	Lost											
362.8												
362.8	OIL Sh											vert. frac. to 365.9
380.5	Marl											1" tuff with oil at 377.3
381.2	Lost											
382.8												
382.8	OIL Sh											5/26/75 hole blew some dirt but 5th core dry.
387.9	OIL Sh											tuff contains oil
388.0	OIL Sh & tuff											
388.1	OIL Sh											
388.6	OIL Sh											
389.4	tuff											
389.5	OIL Sh											
391.2	OIL Sh & tuff											
392.0												

Core #1  
309.0-323.0  
cut 14.0  
Rec. 14.0

Box 5

Core #2  
323.0-342.6  
cut 19.6  
Rec. 10.6

Box 9

Box 16

Core #3  
342.6-362.8  
cut 20.6  
Rec. 20.4

Box 23

Core #4  
362.8-382.8  
cut 20.0  
Rec. 18.4

Box 29

Core #5  
382.8-392.0  
cut 15.1  
Rec. 15.1

## OIL SHALE CORE DESCRIPTION

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DEPTH	LITHOLOGY	COLOR					BEDDING		EST. RICHNESS	CALCAR- OUSNESS	ACCE- SSORY	MISC.		GULF MINERAL RESOURCES CO. WELL <u>Bonanza 19</u>											
		TAN	GRAY	BROWN	GRY-BRN	BLACK	OTHER	LAM.	CONTOUR	OTHER	POOR	FAIR	MOD.	RICH	SLIGHTLY	MODERATELY	VERY	PYRITE	SALINE MIN.	CARBON	FOSSILS	VUGS	FRACT.	BRECCIA	LOCATION
														REMARKS											
392.0	OIL Sh			X				X					X												tuff contains oil
392.5	tuff			X				X					X												
392.8	oil sh & tuff			X				X					X												
392.9	OIL Sh			X				X					X												
393.0	tuff			X				X					X												tuff contains oil
393.2	OIL Sh			X				X					X												
393.8	OIL Sh			X				X					X												
395.9	OIL Sh			X				X					X												thin tuffs at 396.3, 396.5, 396.8
396.4	OIL Sh			X				X					X												
397.0																									
397.2	OIL Sh	X						X					X												MM?
406.1	tuff		X					X					X												
406.6	OIL Sh			X				X					X												
410.0	OIL Sh			X				X					X												
411.0	OIL Sh			X				X					X												
413.3	Lost																								
413.6																									
413.6	OIL Sh			X				X					X												5/27/75
414.5	tuff			X				X					X												contains oil
414.6	OIL Sh			X				X					X												Looks like this is Mahogany zone
415.7	OIL Sh			X				X					X												↓
416.2	OIL Sh			X				X					X												
420.4	OIL Sh			X				X					X												
420.9	OIL Sh			X				X					X												
422.0	tuff			X				X					X												contains oil
422.2	oil sh & tuff			X				X					X												
422.4	OIL Sh			X				X					X												
423.8	OIL Sh			X				X					X												zones of med. to dark brown shale
425.0	OIL Sh			X				X					X												
429.9	OIL Sh			X				X					X												
430.6	OIL Sh			X				X					X												
432.2	OIL Sh			X				X					X												
432.6	OIL Sh			X				X					X												
433.1	Lost																								
433.6																									
433.6	OIL Sh			X				X					X												
435.7	OIL Sh			X				X					X												trying to return to
436.3	tuff		X					X					X												come with air
436.4	oil sh & tuff			X				X					X												rich oil sh & thin irregular tuff
436.9	tuff		X					X					X												
437.0	OIL Sh			X				X					X												
440.7	OIL Sh			X				X					X												
441.8	OIL Sh			X				X					X												
443.7	OIL Sh			X				X					X												
444.7	OIL Sh			X				X					X												
449.3	OIL Sh			X				X					X												
449.7	tuff		X					X					X												contains oil
449.8	OIL Sh	X						X					X												thin tuff at 451.3, gray.
453.2	Lost																								
453.6																									

Core #1  
382.0-387.0  
Cut 15.1  
Rec 15.1

Box 29

Box 35

Core #2  
387.0-413.6  
Cut 15.4  
Rec 15.4

Core #1  
413.6-433.6  
Cut 20.0  
Rec 19.5

Box 42

Core #2  
433.6-453.6  
Cut 20.0  
Rec 19.6

Box 49

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