

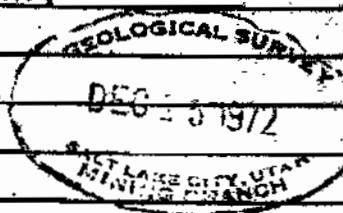
RECORD OF SAMPLE DESCRIPTION

U.S. GEOLOGICAL SURVEY PRINTED IN U.S.A.

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PAGE NO.

SEC. _____ TWP. _____ RGE. _____ LOCATION _____
FARM _____ NO. Southam 004 ELEVATION _____
OWNER _____ STATE _____ COUNTY _____
SAMPLES FROM _____ TO _____ EXAMINED BY _____ DATE _____

FROM	TO	LITHOLOGIC DESCRIPTION, FORMATION AND REMARKS
910.0	912.0	oil sh, dk brn-brn, moderate (T.F.C.) ^{tendency to fracture}
912.0	912.9	oil sh, brn blk, Rich, Tuff inclusion 1" x 1/2"
912.9	916.0	oil sh, lthrn-brn, fair-moderate (T.P.) ^{tendency to part}
916.0	918.0	oil sh, brn-tan fair, some calcite filled vugs 917
		very high tendency to part - concave average 9"
918.0	920.8	oil sh, dk brn-brn, moderate-fair, Fractured 919.8-920
		Two large vugs filled with calcite? at 919.3'
920.8	926.2	oil sh, dk gy-gy, fair - 70° fracture 929.7-925.4
926.2	928.9	oil sh, gy-gy, fair, T.F.C.
928.9	929.0	oil sh, dk gy-brn-brn, Rich-moderate
929.0	929.1	Tuff, brn, oily
929.1	929.8	oil sh, blk brn, Rich, contorted
929.8	931.95	oil sh, tan-gy-gy-brn, fair, contorted, pyrite inclusion 931
931.95	932.25	Tuff, orange brn, slightly oily
932.05	933.8	oil sh & interbedded Tuff, gy-brn-gy-brn, fair, 50' - contorted
933.8	939.4	oil sh, tan-blk brn, Rich-moderate, very contorted
939.4	939.75	Tuff, gy-blk, oily
939.75	935.1	oil sh, blk, Rich, contorted
935.1	935.3	Tuff, dk gy, oily
935.3	938.2	oil sh, brn-dk brn, moderate-Rich
938.2	939.4	oil sh, blk brn, Rich S.T.P.
939.4	939.8	Tuff & 1" of interbedded oil sh as above, Tuff is blk & oily
939.8	941.8	oil sh, dk brn, Rich - a few tuffs < 1 mm
941.8	945.2	oil sh, brn-gy-brn, fair, T.F.C.
945.2	946.8	oil sh, gy-brn-brn, moderate, T.F.C.
946.8	949.2	oil sh, gy-gy-brn, poor fair
949.2	949.6	Tuff, brn, oily
949.6	950.1	oil sh, gy-brn, fair, T.P.
950.1	953.9	oil sh, dk brn-brn, moderate
953.9	954.3	oil sh, dk blk brn, Rich - 2 thin 2 cm tuff at top, T.
954.3	957.1	oil sh, gy-brn-brn, moderate
957.1	960.1	oil sh, dk blk brn, Rich, High T.P. 957.6-957 - several inclusions of irregular tuff containing bedding
960.1	960.7	oil sh, brn, moderate-Rich, High T.P.



A
groove

cherty
bed

cherty
bed

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960.7	961.2	Oil sh, dk brn, Rich, H.T.P.
961.2	961.8	Oil sh, blk brn, waxy, very Rich, poker chip pieces due to heavy parting.
961.8	966.3	Oil sh, blk brn, Rich - many thin tan tuffs throughout
966.3	966.8	Oil sh, dk brn - tan, Rich - moderate, slightly tuffaceous
966.8	968.4	Oil sh, blk, Rich, H.T.P.
968.4	968.7	Tuff & interbedded blk oil sh blk, very oily
968.7	969.2	Oil sh, blk brn, Rich, contorted
969.2	971.1	Oil sh, gy brn - brn, moderate, T.P.
971.1	973.2	Oil sh, dk blk brn, Rich, T.P.
973.2	977.3	Oil sh, gy brn - brn, moderate
977.3	978.5	Oil sh, brn - dk brn, Rich, T.P.
978.5	978.6	Tuff, brn, oily
978.6	980.4	Oil sh, dk brn, Rich, T.P.
980.4	982.6	Oil sh, gy brn - brn, Rich - moderate
982.6	983.8	Oil sh, dk brn, Rich, T.P.
983.8	989.6	Oil sh, Tan - Brn, moderate - Fracture 989.2 - 989.5
989.6	987.8	Oil sh, brn - Tan, Fair - 1" Rich zone 986A - Fracture 986 - 9
987.8	988.8	Oil sh, brn, moderate, slight T.P.
988.8	989.4	Oil sh, blk - Tan, moderate, much Tuff, brn, very contorted
989.4	989.8	Oil sh, blk blk, Rich, small tuff inclusion
989.8	995.4	Oil sh, Tan - Brn, moderate
995.4	1001.9	Oil sh, dk brn, Rich, many small tuff inclusions (Locally contorted)
1001.9	1005.4	Oil sh, brn - H brn, moderate, T.F.C.
1005.4	1007.1	Oil sh, H brn - Tan, moderate - fair, slightly contorted
1007.1	1007.9	Oil sh, BK - dk brn, Rich, waxy, High T.P.
1007.9	1009.0	Oil sh, Brn, moderate
1009.0	1013.5	Oil sh, gy brn - yellow brn, moderate - fair EXTREMELY TENDON TO PART
1013.5	1014.3	Oil sh, gy brn, fair
1014.3	1017.6	Oil sh, blk brn, Rich
1017.6	1015.4	Oil sh, brn, moderate
1015.4	1016.2	Marlstone, Hgy, poor, T.F.C.
1016.2	1016.55	Tuff, blk, very oily
1016.55	1017.0	Oil sh, gy brn, fair - poor, T.F.C.

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