

TIGHT HOLE

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COLO. OIL & GAS CONS. COMM.

GEOLOGICAL REPORT



00271357

R. E. Hibbert
#1 Albert Miller
NW-NW Section 22-T9N-R56W
Weld County, Colorado

DVR	
FJP	
HMM	✓
JAM	✓
JJD	
RLS	
OSM	

Richard D. Dalrymple
Richard D. Dalrymple

A

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COLO. OIL & GAS CONS. COMM.

Well: #1 Albert Miller
 Operator: R. E. Hibbert
 Location: NW-NW Section 22-T9N-R56W-
 County: Weld
 State: Colorado
 Elevation: 4467 G.L. 4478 KB
 Field: Wildcat
 Contractor: Exeter - Rig #5
 Casing: 8-5/8" @ 170
 Cores: None
 Drill Stem Tests: 1 - Liberty Testers
 Electric Logs: Schlumberger I-SFL, FDC-GR
 Commenced: April 13, 1981
 Completed: April 19, 1981
 Status: D&A

ELECTRIC LOG FORMATION TOPS:

Niobrara	4878	
Ft. Hays	5174	
Carlile	5223	
Greenhorn	5394	
Bentonite	5688	-1210
"D" Sand	5694	-1216
"J" Sand	5776	-1298
Total Depth	5854	Driller 5845

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22-9N-560

Drill Stem Test #1 - 5804-5812

Straddle Test with total depth 5854

Open 2 hours, Shut-in 30 minutes

RECOVERED:

Gas to surface in 50 minutes

@ 40.7 thousand cubic feet per day

115 oil

2835' water

PRESSURES:

Initial Hydrastatic 2887

Final " 2869

Initial Flow 345

Final Flow 1254

Shut-In 1400

Sampler contained 2200 cc of water with a scum of oil.

BIT RECORD:

<u>No.</u>	<u>Size</u>	<u>Make</u>	<u>Type</u>	<u>Depth-Out</u>	<u>Feet</u>	<u>Hours</u>
1	7-7/8	STC	DSJ	3721	3541	33-1/2
2	"	HTC	J2	5712	1991	38-3/4
3	"	HTC	J22	5845	133	12-1/4

SAMPLES:

5696-5702 S.S., very hard and tight. No porosity, fair oil fluorescence.

5776-5782 S.S., white, tight, no shows.



SAMPLES CONT'D.

5802-5814 S.S. very fine grain, very faint oil fluorescence.

5814-5845 S.S., white, fine grain, no show.

REMARKS:

Structurally this test was 6 feet low to the diagonal southeast dry hole on the "D" Sand.

Samples were examined under microscope and ultra violet light from above the "D" Sand to total depth. An oil show exists in the "D" Sand but after logging was found to have no porosity and was not tested. The "J" Sand zone at 5802 had oil fluorescence in the samples so faint that it could not be seen in the daylight. At night the samples were reexamined and found to have faint fluorescence. This zone was drill stem tested and found to be non-productive.

The hole was plugged with 20 sacks cement at the base of the surface casing and 10 sacks at the top by permission of Doug Rogers, Colorado Oil & Gas Commission.