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COLORADO OIL & GAS CONS. COMM.

G E O L O G I C A L R E P O R T

R. E. HIBBERT
#1-15 MILLER
SW-NW SECTION 15-T9N-R56W
WELD COUNTY, COLORADO

BY: RICHARD D. DALRYMPLE

Richard D. Dalrymple

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COLORADO OIL & GAS CONSERVATION COMMISSION

Well: #1-15 Miller
Operator: R. E. Hibbert
Location: SW-NW Section 15-T9N-R56W
County: Weld
State: Colorado
Elevation: 4472 G.L. 4481 KB
Field: Wildcat
Casing: 8-5/8" @ 150'
Cores: None
Drill Stem Tests: None
Electric Logs: Schlumberger I-ES, Density
Commenced: May 26, 1982
Completed: May 31, 1982
Status: D&A

Electric Log Formation Tops:

Niobrara	4910	
Ft. Hays	5204	
Codell	5250	
Carlile	5256	
Greenhorn	5430	
Bentonite	5628	
"D" Sand	5740	-1259
"J" Sand	5816	-1335
Total Depth	5892	Driller 5890

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Bit Record:

No.	Size	Make	Type	Depth Out	Feet	Hours
1	7-7/8	Smith	DTJ	3415	3255	20-1/2
2	"	"	DTJ	4940	1525	17-1/2
3	"	"	DTJ	5565	625	15
4	"	HTC	OSC3J	5750	185	7-1/2
5	7-7/8	Globe	Cj2	5890	140	20

Straight Hole Surveys:

<u>Depth</u>	<u>Drift in Degrees</u>
1010	1/4
1483	1/2
2018	1
2523	1-3/4
3000	1-3/4
3415	2
4005	1-3/4
4500	1-1/4
4950	1-1/4
5565	1-1/4

Drilling Mud - Magcobar

Depth	5565	5824
Weight	9.3	9.8
Viscosity	38	70
Water Loss	5.0	4.8
Cake	2/32	2/32
pH	8.0	8.0

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Samples:

"D" Sand 5740 Although the sand can not be detected on the log, the drilling rate changed from 1 minute per foot to more than 10 min. per ft. A trace of quartzite was present in the samples.

"J" Sand 5816-5850 Shale with quartzite.

5850-5864 Quartzite.

5866-5880 Quartzite with clay filled white sandstone.

Remarks:

This well was structurally low to the 1-21 Miller by 30 feet. The "D" section has no sand. The "J" Sand had no shows. No drill stem tests were taken and the hole was plugged.

Richard D. Dalrymple

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