Robert L. Milford

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GEOLOGIST'S REPORT

WELL NAME: Reynolds Oil Company, Inc. — Gulf #1 Shane Corral
LOCATION: 1980' FSL & 1980' FEL of Sec. 29, T. 23S., R. 47W., 6th P.M.
COUNTY: Baca
STATE: Colorado
FIELD: Wildcat
ELEVATION: KB 4,272'; DF 4,271'; GL 4,261'
CONTRACTOR: Gulf Drilling Company
SPUD DATE: 10-22-86
COMPLETION DATE: 10-31-86
TOTAL DEPTH: 4,750'
CASING: 8-5/8" @ 1,000' w/ 500 sx
PRODUCTION: D&A
LOGS: DIL, CDL, CNL, GR, Cyberlook
DRILLING TIME: Mud Logging Unit from 3,000' to TD
SAMPLES: 10' samples from 3,000' to TD
CORES: None
DST'S: None
MUD: Chemical from surface to TD
REMARKS: Structurally low to offset wells. Abandoned.

DATE	7:00 AM DEPTH	REMARKS
10-22-86	0'	Spud @ 8:30 pm. Rug dwn @ 12:15 am on 10-23-86. Ran 8-5/8" @ 1,000' w/ 500 sx. Drlg cmt @ 1,000' at 6:00 am.
10-23-86	272'	Cut 5' in last 24 hrs. Shut down for Christmas
10-24-86	272'	Cut 0' in last 24 hrs. Shut down for Christmas
10-25-86	272'	Cut 0' in last 24 hrs. Shut down for Christmas
10-26-86	272'	Cut 0' in last 24 hrs. Shut down for Christmas
10-27-86	1,520'	Cut 1,248' in last 24 hrs. (12.5 hrs drlg. Svy. Cut 8° @ 1,000'. & 2.4° @ 1,376'
10-28-86	2,259'	Cut 739' in last 24 hrs. (12.25 hrs drlg. Svy. Cut 8° @ 1,940'. & 1.7° @ 2,190'
10-29-86	3,042'	Cut 783' in last 24 hrs. (21.5 hrs drlg. Svy. Cut 8° @ 2,440'. & 8° @ 2,940'
10-30-86	3,982'	Cut 940' in last 24 hrs. (23 hrs drlg. Svy. Cut 8° @ 3,437'
10-31-86	4,297'	Cut 315' in last 24 hrs. (12.5 hrs drlg. Svy. Cut 8° @ 4,106'
11-1-86	4,552'	Cut 82' in last 24 hrs. (3 hrs drlg. Svy. Cut 8° @ 4,552'
11-2-86	4,750'	Cut 198' in last 24 hrs. (8.75 hrs drlg. RU DST #1
11-3-86	4,750'	Cut 0' in last 24 hrs. (4.75 hrs drlg. RTD 4,750' @ 10:00 pm
11-4-86	4,750'	Cut 0' in last 24 hrs. (4.75 hrs drlg. Plugged and abandoned

Remarks

Samples are not logged, per request of the operator.

The electric log measurements correlate from 5' to 8' lower to the drilling measurements.

Formation tops and lithology on this report have been corrected to the electric log.

The drilling samples were deposited at the Kansas Geological Survey office in Wichita.

Respectfully submitted,

Robert L. Milford

Drill Stem Test Charts

Drill Stem Test by: Tribolite Testing, Inc.

DST #1 — DST #2 — DST #3