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FEB 8 1972

COLORADO OIL & GAS COMMISSION

Rocky Mountain Drilling Co.
No. 2 Reese
NE SW Section 2-2N-52W
Washington County, Colorado

GEOLOGICAL REPORT

(see next page)

534-0091

Donald S. Walker - Geologist

Operator : Rocky Mountain Drilling Co. ✓
Well : No. 2 Reese
Contractor : Rocky Mountain Drilling Co. ✓
Location : NE SW Section 2-2N-52W
County : Washington
State : Colorado
Elevations : 4603 KB (estimate)
Surface Casing : 90' 8 5/8ths at 100'
Commenced : August 10, 1971
Completed : August 14, 1971
Status : Plugged & Abandoned *Not true as of 2/16/72*
Logs : None
Cores : "D" Sand (1) *Called Don Walker, long string was run after operator told him well would be P+ A.*
DSTs : "D" Sand (1)
Total Depth : 4588' Driller

SAMPLE TOPS

Niobrara ----- 3660'
 Fort Hays ----- 4057'
 Greenhorn ----- 4234'
 Bentonite ----- 4444'
 "D" Sand ----- 4533' (+70)
 Huntsman ----- 4586'

SAMPLE DESCRIPTION

- 3700 - 3720 Gray limy shale and brown dense limestone with abundant calcite
- 3720 - 3740 Cavings
- 3740 - 3760 Gray shale and gray limy shale with trace brown limestone
- 3760 - 3780 Same as above
- 3780 - 3800 Gray shaly limestone
- 3800 - 3820 Same as above
- 3820 - 3840 Same as above
- 3840 - 3860 Gray shaly limestone and gray limy shale
- 3860 - 3880 Same as above with limestone becoming more shaly
- 3880 - 3900 Same as above with abundant bentonite
- 3900 - 3920 Gray limy shale
- 3920 - 3940 Same as above
- 3940 - 3960 Same as above
- 3960 - 3980 Same as above with trace calcite
- 3980 - 4000 Same as above
- 4000 - 4020 Gray limy shale and gray-green bentonitic shale
- 4020 - 4040 Same as above
- 4040 - 4057 Same as above
- 4057 - 4080 White chalky limestone and gray shale
- 4080 - 4100 Same as above
- 4080 - 4120 Same as above
- 4120 - 4180 Gray shale with trace limestone as above
- 4140 - 4160 Same as above with trace gray hard tite siltstone
- 4160 - 4180 Same as above
- 4180 - 4200 Gray shale
- 4200 - 4220 Same as above with trace pyrite and calcite

4220 - 4234 Same as above
4234 - 4260 Gray sandy-xln glauconitic shaly limestone and gray shale
4260 - 4280 Same as above
4280 - 4300 Same as above with trace clacite
4300 - 4320 Same as above
4320 - 4340 Same as above
4340 - 4360 Same as above
4360 - 4380 Same as above with decrease in limestone
4380 - 4400 Same as above
4400 - 4420 Gray shale
4420 - 4444 Same as above
4444 - 4460 Gray shale with abundant bentonite
4460 - 4480 Same as above with decrease in bentonite
4480 - 4500 Gray shale
4500 - 4520 Same as above
4520 - 4538 Same as above
4538 - 4537 Sandstone, gray fine-grained dirty tite to fair porosity
and permeability - No show
4537 - 4588 SEE CORE DESCRIPTION

CORE DESCRIPTION

Core No. 1 4537' - 4588' (corrected depth) Cut 51' Recovered 49'

- 4537 - 4538 Sandstone, gray hard tite silty very shaly - No show
- 4538 - 4539 Sandstone, gray fine-grained fair porosity and permeability
Good odor, good solid stain and fluorescence
- 4539 - 4540 Same as above
- 4540 - 4541 Same as above
- 4541 - 4542 Same as above
- 4542 - 4543 Sandstone, gray fine-grained shaly - No show
- 4543 - 4544 Sandstone, gray fine-grained clay filled - Good odor,
spotted stain and fluorescence
- 4544 - 4545 Sandstone, gray fine-grained clayfilled micaceous hard
tite and shaly- No show
- 4545 - 4586 Sandstone, gray fine-grained hard tite and shaly and
gray shale reworked- No show
- 4586 - 4588 Shale, gray poker chip

BIT RECORD

Run No.	Size	Make	Type	In	Out	Footage	Hours
1	7 7/8	Security	DT	110'	4095'	3985'	27
2	7 7/8	Security	DG(RR)	4095'	4529'	424'	12
	6 1/8	Christianson	Dia.	4529'	4573'	51'	7

DST RECORD

DST No 1 4537 - 4588 (corrected depth)

Tool open 2 hours; shut-in 30 minutes

Recovered: 5' mud, very slightly oil cut
90' water

IHP 2239#, FHP 2132#, IFP 6#, FFP 53#, SIP 625#

SUMMARY

The No. 2 Reese bottomed in the Huntsman shale at total depth 4588'. Excellent show of oil were found in four feet of sandstone in the top bench of the "D". A DST of this interval gave up only oil cut mud and water.

~~The well was plugged and abandoned August 14, 1971.~~ TEC