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JUN 12 1974

JOHN B. ASHBY

COLO. OIL & GAS CONS. COMM.

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EVERGREEN, COLORADO 80439
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314 PATTERSON BUILDING
DENVER, COLORADO 80202
303-255-8941

WELL REPORT

Operator: W. W. Ferris & The Marlin Oil Company
Well: # 1 Allen
Location: SE NW Section 13-T2N-R54W Washington County, Colorado
Elevation: 4513' KB 4504' GL
Field: Wildcat
Spud: 5-20-74 @ 1:00 PM
TD: 5-24-74 @ 3:00 AM
Complete: 5-24-74 Plugged & Abandoned
Surface Casing: 123' 8 5/8" 20# set at 134' KB with 100 sx cement
Drilling Progress: 5-20-74 Move in; rig up; spud; set surface; Plug down
@ 9:30 PM.
5-21-74 Drilled out @ 4:00 AM.
5-22-74 Drilling @ 3342'.
5-23-74 Drilling @ 4612'.
5-24-74 Drilled to TD, ran log, ran DST # 1.

| | |
|-----|---|
| DVR | |
| FJP | |
| HHM | ✓ |
| JAM | |
| UD | |

| Formation Tops: | <u>Formation</u> | <u>Driller</u> | <u>Log</u> |
|-----------------|------------------|----------------|------------|
| | Niobrara | 3905' | 3910' |
| | Ft Hays | 4259' | 4258' |
| | Bentonite | ---- | 4642' |
| | D Sand | 4730' | 4734' |
| | J Sand | 4799' | 4803' |
| | TD | 4865' | 4869' |

| Bit Record: | <u>No.</u> | <u>Mfr</u> | <u>Size</u> | <u>Type</u> | <u>Depth Out</u> | <u>Hours</u> |
|-------------|------------|------------|-------------|-------------|------------------|--------------|
| | 1. | Reed | 7 7/8" | Y11J | 3999' | 30 |
| | 2. | Smith | " | DTJ | 4829' | 22½ |
| | 3. | " | " | ReRun | 4865' | 4½ |

Core: None

Logs: Induction-Electrical Survey Dresser-Atlas

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Drillstem Tests:

Virg's Testors

1 4810' to 4855' Log

Open 95 minutes, recovered 2080' water.

IF 172# FF 957# SIP 1059#/30 min

Samples:

Depths not corrected to log.

| | | |
|--------------------|-----|---|
| 4700'-4735' | | Gray shale and silt w/ sd streaks, calcite and pyrite. NS |
| 4735'-4740' | "D" | As above w/ trace of gray, tite, fine grain sd. NS |
| 4740'-4745' | | Fn gr sd, tite w/ some clayfilling, pyritic, wh to lt gray, NS. |
| 4745'-4750' | | Fn gr sd, dirty gray, tite to CF, NS. |
| 4750'-4770' | | Fn gr sd, ltgry to white, clayfilled, NS. |
| 4770'-4775' | | As above but darker gray, NS. |
| 4775'-4790' | | Fn gr sd, lt gry, CF, decreasing sand, NS. |
| 4790'-4800' | | Pred shale, NS. |
| 4800'-4813' | | No sample caught @ 4805 or 4810. Fn gr sd, lt gry, clayfilled throughout, Fair yellow fluor, no taste, no stain, fluor rapidly becomes bluish and disappears. 50% NS. |
| 4813'-4815' | | Fn gr CF sd, 30% w/ faint yellow fluor. 70% NS. |
| 4815'-4820' | | Fn gr sd, 40% CF NS. 60% fr yellow fluor & lt stain, poor p & p. |
| 4820'-4830' | | Pred shale and silt, <u>TRIP @ 4829'</u> . |
| 4830'-4840' | | Pred shale w/ trace of Fn gr sd, tite & CF, NS. |
| 4840'-4845' | | Increasing sd, larger grain, tite or CF, NS. |
| 4845'-4850' | | 20% Fn gr sd, clean, pr to fr yellow fluor, lt stn, gd p&p. |
| | | 80% Fn gr sd, tite or CF, NS. |
| 4850'-4855' | | 50% Fn gr clean, fr yellow fluor, gd p & p. |
| | | 50% Fn gr CF or tite, NS. |
| 4855'-4860' | | 20% Fn gr sd w/above show becoming CF. |
| | | 80% Fn gr sd, CF or tite, NS. |
| 4860'-4865' & Circ | | Fn gr sd, very friable, excellent p & P, NS. |

Note: Hopper open below 4840' and samples are strung out.

J. B. Ashby

5-28-74