



CHANCELLOR EXPLORATION

916 PATTERSON BLDG.
DENVER, COLORADO 80202

A/C 303 292-1350

May 14, 1969

RECEIVED

MAY 27 1969

COLO. OIL & GAS CONS. COMM.

TO: PROGRAM PARTICIPANTS

RE: DAILY DRILLING REPORT
Northwest Cotton Valley Prospect
No. 1 Federal
C SE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 8-T9N-R56W
Weld County, Colorado (CE-C-7)

- May 14, 1969: Rigging up rotary tools - will spud this morning.
- May 15, 1969: Drilling ahead at 2375'. Spud at 11 A.M. 5/14/69, ran 4 joints (118.23') of 8-5/8" surface casing landed at 128.23' cemented with 90 sacks. Plug down at 1 P.M. 5/14/69.
Deviations: 1/4° @ 514'; 1/2° @ 1028' and 1561'; 3/4° @ 2016'.
- May 16, 1969: Drilling ahead at 3900'.
Deviations: 1 1/4° @ 2525'; 1° @ 3034' and 3/4° @ 3634'.
- May 17, 1969: Drilling at 5287'. Deviations: 3/4° @ 3961' and 4411'; 1-1/4° @ 4287'.
- May 18, 1969: Drilling at 5863'. Deviation 1-1/2° @ 5737'.
Sample Tops: Niobrara 5048'
Ft. Hays 5320'
Carlile 5372'
Greenhorn 5531'
Bentonite 5735'
"D" Sand 5844'
Estimated top of "J" at 5920' (-1348).
- May 19, 1959: Coring at 5928' - started Core #1 at 5915'.

DVR	
FJP	
HHM	
JAM	✓
JJD	

Core #1 5915'-45' - Recovered 30':

- 5915-22' 7' shale, dark gray, hard.
- 5922-24' Siltstone, gray, fine grained, slightly sandy, slightly carbonaceous, faint odor, traces dead oil stain.
- 5924-25' Sandstone, gray, fine grained, quartzitic, hard, poor to fair porosity and permeability, faint dead oil stain. No fluorescence.
- 5925-36 1/2' Sandstone, brown, very fine grained, poor to fair porosity, vertical fracture, slightly bleeding oil, faint gas bubbles, vertical fracture, spotty to even stain, good yellow fluor.
- 5936 1/2-37' Sandstone, gray, very fine grained, hard, poor porosity and permeability, quartzitic, no stain, fair yellow fluor.
- 5937-37 1/2' Shale, black, poker-chip.
- 5937 1/2-45' Sandstone, gray, very fine grained, quartzitic, very slightly glauconitic, poor porosity and permeability, no stain, fair yellow fluor., no vertical fracture.