



00241357

RESUME

OPERATOR: Guida, Ferris & Hughes
WELL: #1 Hadachek-Heckel Unit
LOCATION: C NW SE Section 33-T9N-R53W
ELEVATION: 4111' GL, 4117' KB
SPUD: 7-23-70
SURFACE PIPE: 8-5/8" @ 103' w/70 sx
LOGS: Dresser Atlas Induction-Micro
CONTRACTOR: Allison Drilling (Stokes)
TOTAL DEPTH: 4964' Driller, 4960' log
TESTS: "D" Sand - see details in report
GEOLOGIST: C. W. Hughes
326 Johnson Building
Denver, Colorado 80202

FORMATION TOPS
(electric log)

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Niobrara	3905	+ 212
Carlile	4300	- 183
Greenhorn	4503	- 386
Bentonite	4658	- 541
"D" Sand	4758	- 641
"J" Sand	4860	- 743
Total Depth	4960	

SAMPLE DESCRIPTION

"D" Sand
4758-4768

Fifty percent of sample is medium grained, friable sand, good stain, fluorescence and cut; balance of sand is reworked, very tight, low p&p, irregular stain and fluorescence.

4772-4782

Sand, very silty, very fine grained, low p&p, very shaly, no shows.

"J" Sand

4860-4882

Sand, white, fine to medium grained, low porosity and permeability, no shows.

4886-4960

Sand and shale, abundance of cherty brown shale and pyrite, few thin stringers of sand, no shows.

DRILL STEM TEST

DST #1 4760-4774, open 1 hour, shut in 30 minutes, opened with weak blow, recovered 50' slightly oil cut mud, 55' water. FP 37-50#, SIP 631#, HP 2628-2538#.

BIT RECORD

<u>Run</u>	<u>Size</u>	<u>Out At</u>
1	7-7/8"	3630
2	7-7/8"	4604
3	7-7/8"	4908
4	7-7/8"	4964

PLUGGING INFORMATION

Permission to plug granted by Frank Piro, Colorado Oil and Gas Commission. Well plugged on July 27, 1970, with a 35-sack plug across the "D" Sand from 4725-4830. The surface pipe was plugged with 10 sacks in top and 15 sacks in bottom.

COMMENTS

Structurally the #1 Hacachek-Heckel was high to surrounding producing wells but lacked sufficient permeable sands to produce. Contaminated water was inadvertently added to the mud system. Because of this high saline condition the electric log lacks the character that is normal for this area.