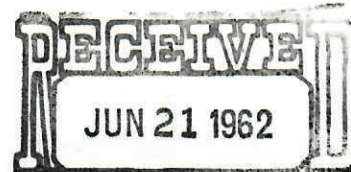


224
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DENVER, COLORADO



OIL & GAS
CONSERVATION COMMISSION



00324436

GEOLOGICAL REPORT

S. D. JOHNSON #3 STATE

- I. LOCATION: SW SW of Section 16-38-50W
Washington County, Colorado
- II. CONTRACTOR: S. D. Johnson
Denver, Colorado
- III. TYPE WELL: Wildcat.
- IV. CASING: Set 304 feet of 8-5/8" casing at
315' F.B. with 150 sacks of cement.
- V. ELEVATION: 4523 Ground 4533 Kelly Bushing

VI. TCPS:

ELECTRIC LOG

SUB-C
DATA

Niobrara	3015	
Ft. Hays	3415	
Carlile	3476	
Greenhorn	3608	
Santonite	3508	
" "	3895	Plus 638
" "	3948	Plus 585
Total Depth	4150	

- VII. X CBS: None
- VIII. X R ANALYSIS: None
- IX. DRILL STEM TESTS: None
- X. DAILY REPORT:

March 27 Set surface. Drilling 315-1017.
28 Drilling 1017-2845
29 Drilling 2845-3915
30 Drilling 3915-4150. Ran Electric Log.
31 Flugged and abandoned.

XI. DRILLING TIME:

DEPTH From-To	MINUTES PER TEN FT. INTERVAL
3000-3100	6-6-6-5-6-6-7-7-6
3100-3200	7-6-9-6-6-7-7-7-8
3200-3300	8-8-8-7-7-7-10-10-9
3300-3400	9-9-9-9-9-8-9-9-9
3400-3500	9-14-17-19-18-19-16-15-11-11
3500-3600	10-10-11-11-12-12-12-12-12
3600-3700	15-15-15-13-10-11-10-9-10-10
3700-3800	8-8-7-7-6-7-7-7-6-7
3800-3900	7-7-9-12-9-9-9-12-12-12
3900-4000	14-15-18-13-13-13-11-14-19-22
4000-4100	24-26-46-30-24-16-17-26-18-17
4100-4150	16-18-18-18-22

XII. SAMPLE DESCRIPTION:

3800-3895	Black shale.
3895-3900	Medium grained, clay-filled sandstone.
3900-3904	Reworked sand and shale.
3904-3923	Fine, medium grained, clay-filled sandstone.
3923-3948	Black shale.
3948-3955	Reworked sand and shale, spotted staining.
3955-3983	Medium grained sandstone, good porosity, no shows.
3983-4001	Black silty shale.
4001-4021	White, fine grained, clay-filled sandstone.
4021-4083	Alternating beds of black silty shale and fine grained, shaley sandstone.
4083-4130	White, fine grained sandstone with thin streaks of black shale.
4130-4150	Black silty shale.

XIII. POSSIBLE PAY ZONE:

"D" Sand

The "D" Sand had no shows of oil or gas.

"J" Sand

The top 7 feet of the "J" Sand consisted of reworked sand and shale with spotted shows of oil. This zone was too tight to produce any oil.

The remainder of the "J" had no shows of oil or gas.

XIV. PRODUCTION:

Plugged and abandoned.


 Duane S. Larson
 Petroleum Geologist