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COLORADO OIL & GAS CONS. COMM.

GEOLOGICAL REPORT

A. T. Skaer

NO. 5 WIANT
NW SE Section 33
Township 3 South, Range 49 West
Washington County, Colorado

DVR	
FJP	
HHM	
JAM	✓
JJD	

H. E. ALLEN, JR.
Petroleum Geologist
535 Empire Building
Denver, Colorado 80202

March 7, 1974

GEOLOGICAL REPORT

**NO. 5 WIA NT
NW SE Section 33
Township 3 South, Range 49 West
Washington County, Colorado**

WELL: No. 5 Wiant

OPERATOR: A. T. Skaer

CONTRACTOR: Exeter Drilling Co., Rig # 14

LOCATION: NW SE Section 33, Township 3 South, Range 49 West

COUNTY: Washington

STATE: Colorado

ELEVATIONS: 4402 Ground; 4410 Kelly Bushing

COMMENCED: March 4, 1974

CASING: Set 213' of 8 5/8 @ 221' from KB with 220 sacks

CORES: None

DRILL STEM TESTS: None

LOGS: Schlumberger, IES

COMPLETED DRILLING: March 6, 1974

STATUS: Dry and Abandoned

ELECTRIC LOG FORMATION TOPS:

<u>Formation</u>	<u>Log Top</u>	<u>Plus Sea</u>
Niobrara	2668	
Fort Hays	3161	
Carlile	3198	
Greenhorn	3226	
Bentonite	3481	+ 929
"D" Sand	3572	+ 838
"J" Sand	3624	+ 786
Total Depths	3708	Drillers 3705

SAMPLE DESCRIPTION:

The following description has been corrected to electric log depths.

- 3554-3572' Shale, grey, soft, bentonitic.
- 3572-3581' Sand, grey to tan, fine grained, slightly clay filled, soft and friable, poor to fair porosity, very lite oil stain, good fluoresence.
- 3583-3604' Sand, grey, fine grained, clay cemented, soft and friable, numerous thin black shale streaks, poor porosity, no shows.
- 3604-3624' Shale, dark grey, brittle with brown lime and grey siltstone.
- 3624-3649' Sand, grey to tan, fine grained, slightly clay cemented, to fairly clean, friable, poor to fair porosity, looks water wet, very lite oil stain, weak fluoresence.
- 3649-3671' Sand, as above, very soft and friable, poor to fair porosity, very weak stain and odor.
- 3674-3692' Sand, grey, fine grained, clay filled, soft and friable, carbon specs, glauconitic, poor porosity, no shows.
- 3695-3708' Sand, white, fine grained, clay cemented, friable, wet, poor porosity, no shows.

DEVIATION SURVEYS:

<u>Depth</u>	<u>Drift</u>	<u>Depth</u>	<u>Drift</u>
776	1/2	2700	3/4
1249	1/2	3210	1
1752	3/4	3374	1-1/4
2100	3/4		

BIT RECORD:

<u>Run #</u>	<u>Size</u>	<u>Make</u>	<u>Type</u>	<u>Depth Out</u>	<u>Feet</u>	<u>Hours</u>
1	7-7/8	Sec	S3J	3374	3154	19-3/4
2	7-7/8	STC	DTJ	3705	331	5

Verbal permission to plug and abandon was granted by the Colorado Oil and Gas Conservation Commission on March 6, 1974.



H. C. ALLEN, JR.
Petroleum Geologist