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NOV 19 1971

OFFICE OF OIL & GAS COMM. COMM.

WELL: No. 1 Landaker  
 OPERATOR: Exeter Drilling & Exploration, et al  
 CONTRACTOR: Exeter Drilling Company, Rig #6  
 LOCATION: SE SW Section 21, Township 3 South, Range 55 West  
 COUNTY: Washington  
 STATE: Colorado  
 ELEVATIONS: 4727 G.L. 4735 K.B.  
 COMMENCED: November 1, 1971  
 CASING: Set 98' of 8-5/8" from K.B. with 75 sacks  
 CORES: None  
 DRILL STEM TESTS: None  
 LOGS: Schlumberger, IES and Microlog  
 COMPLETED: November 5, 1971  
 STATUS: Dry & Abandoned

ELECTRIC LOG FORMATION TOPS

<u>FORMATION</u>	<u>LOG TOP</u>	<u>SUBSEA</u>
Niobrara	3847	
Ft. Hays	4320	
Carlile	4364	
Greenhorn	4471	
Bentonite	4700	+ 35
"D" Sand	4798	- 63
"J" Sand	4845	-110
TOTAL DEPTHS	4988	Driller's 4986

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CAMPLE DESCRIPTION

The following description has been corrected to electric log depths.

- 4768-4798 Shale, gray, bentonite, with siltstone streaks.
- 4798-4819 Sand, white-gray, fine to medium grained, from clay-filled to fairly clean, occasional thin blue shale streaks, poor to fair porosity, no stain or fluorescence.
- 4819-4845 Shale, dark gray, brittle with thin zones of gray siltstone.
- 4845-4862 Sand, white, fine grained, clay-filled, glauconitic, salt and pepper, poor porosity, no stain or fluorescence.
- 4862-4877 Shale, gray, brittle, silty.
- 4877-4897 Sand, white, very fine grained to fine grained, partially clay-filled, carbonaceous specs, fairly hard, poor to fair porosity, no visible stain or fluorescence with thin zones of gray brittle shale.
- 4897-4922 Sand, white, very fine grained, soft and friable, poor to fair porosity, no stain or fluorescence.
- 4927-4932 Sand, dark gray, fine grained, some clay filling, shaly streaks, soft and friable, fair porosity, no stain or fluorescence.
- 4937-4977 Sand, white, fine grained, clay cemented soft and friable, fair porosity with thin zones of gray shale and white bentonite, no shows.
- 4977-4988 Sand, as above, no shows with light gray bentonitic shale and brown limestone.

BIT RECORD

Run	Size	Make	Type	Depth Out	Feet	Hours
1	7-7/8	Sec.	S-3	2862	2772	17
2	7-7/8	Smith	DT	4479	1617	22-3/4
3	7-7/8	Reed	YT3	4777	298	11-1/2
4	7-7/8	HTC	C1C	4860	83	8-1/4
5	7-7/8	HTC	OWY	4986	126	9-3/4