

**Well:** No. 1 Peterson  
**Operator:** Maverick Oil Company  
**Contractor:** Allison Drilling Co., Inc., Rig No. 1  
**Location:** C NE/4 NW/4 Section 10, T 2 N, R 56 W  
**County:** Morgan  
**State:** Colorado  
**Elevation:** 4316 G. L.; 4325 K. B.  
**Casing:** Set 120' of 8-5/8" from K. B. w/80 sx  
**Commenced:** June 26, 1965  
**Cored:** None.  
**Drill Stem Tests:** None.  
**Logs:** None.  
**Completed:** July 1, 1965  
**Status:** D & A

**SAMPLE TOPS**

<u>Formation</u>	<u>Top</u>	<u>Subsea</u>
Nobrarra	4307	
Ft. Hays	4617	
Carlile	4666	
Greenhorn	4748	
Bentonite	5002	- 677
"D" Sand	5101	- 776
"J" Sand	5172	- 847
Total Depth	5222	



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### SAMPLE DESCRIPTION

5090 - 5095	Shale, dark gray, soft.
5095 - 5100	Shale, gray w/ surface sands.
5100 - 5105	Shale, gray, brittle w/ abundant surface sands.
5105 - 5108	Sand, white, fine grained, hard, clay filled, w/ 5% clean, wet sand w/ show of dead oil, no fluorescence.
5108	(25 min. circ. sam.) Sand, white-gray, fine grained, hard, well cemented, tight w/ 5% clean sand, wet, w/ dead oil show, no fluorescence.
5108	(50 min. circ. sam.) Same as above w/ 3% clean sand, wet, dead oil show, no fluorescence.
5108 - 5115	Unrepresentative sample, abundant surface sand (blown in).
5115 - 5120	Same as above.
5120 - 5125	Sand, gray-tan, clay filled and tight, fairly hard, slight mineral stain, poor porosity and permeability, no stain or fluorescence.
5125 - 5130	Same sand as above, no stain or fluorescence.
5130 - 5135	Sand, white, very fine grained, tight, wet, no show.
5135 - 5140	Sand, gray, silty and tight w/ clean sand from above, no show.
5140 - 5145	Sand, dark gray, silty, shaly, tight, no show.
5145 - 5150	Same sand as above w/ sandy shale.
5150 - 5160	Shale, dark gray-black, brittle.
5160 - 5170	Shale, gray, silty.
5170 - 5175	Shale, light gray, brittle.
5175 - 5180	Same w/ 10% tight, silty sand, no show.
5180 - 5185	Sand, gray, fine grained, clay filled and shaly, no show.

5185 - 5190 Same as above, fairly soft, trace pyrite.

5190 - 5195 Same sand as above, no show.

5195 - 5200 Sand, white, fine grained, soft and friable w/black shale streaks, no stain or fluorescence.

5200 - 5205 Sand, white, fine grained, slightly silty, wet, no show.

5205 - 5210 Same w/gray shale streaks.

5210 - 5215 Sand, white, fine grained, fairly clean, good porosity and permeability, wet, no show.

5215 - 5220 Same as above, wet, no show.

5222 (20 min. circ. sam.) White sand and gray, waxy shale, no show.

5222 (40 min. circ. sam.) Sand, white, very fine grained, soft and friable, wet, no show.

#### BIT RECORD

<u>Run</u>	<u>Size</u>	<u>Make</u>	<u>Type</u>	<u>From - To</u>	<u>Feet</u>	<u>Hours</u>
1	7-7/8	Sec.	S-3	120 - 2627	2507	15-1/2
2	7-7/8	Sec.	S-3	2627 - 4322	1695	20-3/4
3	7-7/8	Sec.	S-3	4322 - 5108	786	15-3/4
4	7-7/8	Sec.	M4N	5108 - 5222	114	11

Drilling Time Charts are on file in the Denver office of Maverick Oil Co.

Verbal permission to plug and abandon was granted by Mr. William Smith of the Colorado Oil and Gas Conservation Commission at 9:10 a.m., July 1, 1965.

*HC Allen Jr.*  
H. C. Allen, Jr.  
Petroleum Geologist

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