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057-05043

## Lithology

3000-4430	Shale, med. gray, occasionally silty
4430-4530	Shale, as above; blue bentonite abundant.
4530-4780	Shale, gray with tan specks, calcareous.
4780-4800	Shale, med. gray, dense to silty, decrease in tan specks.
4800-4890	Shale, med. gray, silty; trace lime, bentonite.
4890-4970	Shale, 50% with tan specks.
4970-5200	Shale, med. gray, silty.
5200-5240	Siltstone, lt. gray; sand 20%, tite, salt-pepper appearance.
5240-5280	Siltstone, lt. gray, sandy.
5280-5440	Shale and siltstone, med. gray.
5440-5670	Shale, med. gray, dense.
5670-5760	Shale, darker gray, siliceous, brittle, bentonite abundant.
5760-5777	Shale, as above, some silty; trace buff qtzitic sandstone.
5777-5807	Core
5807-5825	Sand, 10-20%, buff, fine grained; shale, med. gray.
5825-5860	Shale, lt. med. gray; bentonite; trace sand, as above.
5860-5870	Shale, as above; increase in sand, buff, tite.
5871-5896	Core
5896-5920	Sand and shale. Some red and green waxy shale.
5920-5930	As above, increase in sand.
5931-5954 $\frac{1}{2}$	Core
5955-6080	Shale, greenish gray, some red and green; trace limestone tan.
6080-6190	Shale, as above with silty and sandy streaks; trace limestone, as above.
6190-6220	Siltstone & tite sandstones, white to gray, glauconitic.
6220-6250	Sandstone, white, fine grained, tite, no show oil.
6250-6279	Sandstone, white, fine-med. grain, fair porosity.



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### Well History

5/5/60	Rigging up
5/6/60	Drilling surface hole
5/7/60	Setting surface pipe - set 10 3/4" 3 354, 200 sx.
5/8/60	732' drilling
5/9/60	1146' drilling
5/10/60	1513' drilling
5/11/60	1775' drilling
5/12/60	2138' drilling
5/13/60	2302' drilling
5/14/60	2434' drilling
5/15/60	2642' drilling
5/16/60	2847' drilling
5/17/60	3067' drilling
5/18/60	3261' drilling
5/19/60	3425' drilling
5/20/60	3598' drilling
5/21/60	3752' drilling
5/22/60	3945' drilling
5/23/60	4135' drilling
5/24/60	4429' drilling
5/25/60	4534' drilling
5/26/60	4653' drilling
5/27/60	4793' drilling
5/28/60	4941' drilling
5/29/60	5058' drilling
5/30/60	5157' drilling
5/31/60	5260' drilling
6/1/60	5420' drilling
6/2/60	5540' drilling
6/3/60	5666' drilling
6/4/60	5709' drilling
6/5/60	5751' drilling
6/6/60	5777' drilling
6/7/60	5803' - Cores #1, 2, 3
6/8/60	5858 Core #3
6/9/60	5896 Core #4
6/10/60	5941 Core #5
6/11/60	5999
6/12/60	Logging, Run #1
6/13/60	6103
6/14/60	6187
6/15/60	6229 DST #1
6/16/60	6279 DST #2
6/17/60	Logging, Run #2
6/18/60	Running Casing, WOC
6/19/60	WOC, Run tubing
6/20/60	Perforating
6/21/60	Swabbing down
6/22/60	Testing

## Cores and Drill Stem Tests

<u>Core #1</u>	5777-89	Recovered: 8' silty sand, hard, no show oil 4' sand, med. fine grain, fluor.
<u>Core #2</u>	5789-94	Recovered: 2' sand, med. fine grain, fluor.
<u>Core #3</u>	5794-5807	Recovered: 13' siltstone, hard, no show oil.
<u>Core #4</u>	5871-5896	Recovered: 23' sand, med. grain, fair porosity 6' shale, green, waxy appearance
<u>Core #5</u>	5931-5954½	Recovered: 2' siltstone, hard, gray, NSO. 20' sand, med. grain, fair porosity, fluor. 1' sand, quartzitic, hard
DST #1	6190-6220	Open 1 hour Recovered 10' drilling mud
DST #2	6240-6279	Open 1 hour Recovered 1348' water

VICTOR R. GALLAGHER #1 GOV't-ROGERS

Location: C NE NW, Sec. 20-9N-73W, Jackson County, Colorado

Spud date: 5-6-60

Elevation: 8284 Kelly Bushing

Total depth: 6274 (Schlumberger)  
6279 (Driller)

Formation Tops:

Niobrara	4504
Frontier	5192
Mowry	5646
Muddy	5782
Thermopolis	5808
Dakota	5858
Fison	5896
Lakota	5918
Morrison	5956
Lower Morrison Sand	6212

Casing: 10 3/4" @ 354  
7" @ 6073

Perforations: 4 shots/foot

5790-5808  
5859-63  
5868-72  
5876-84  
5886-94  
5918-29  
5934-54



# Slope Tests

133'	1/4 degrees	
550'	1	"
642'	1 1/4	"
823'	1	"
914'	1 1/4	"
1184'	1 3/4	"
1306'	1 3/4	"
1424'	1 3/4	"
1544'	1 1/2	"
1663'	1 1/2	"
1784'	2	"
1905'	2 1/4	"
2027'	2 1/2	"
2146'	3	"
2266'	2 1/2	"
2386'	3	"
2508'	3 1/2	"
2628'	2 3/4	"
2749'	3 3/4	"
2868'	3 3/4	"
2988'	4 1/4	"
3111'	4 1/2	"
3233'	5	"
3358'	5 1/2	"
3477'	5	"
3598'	5	"
3793'	4	"
3929'	5	"
4048'	4 3/4	"
4200'	4 1/2	"
4319'	4 3/4	"
4445'	4 3/4	"
4553'	5 3/4	"
4657'	5 1/2	"
4752'	4 3/4	"
4846'	4 1/2	"
5004'	5	"
5192'	4 1/2	"
5443'	5	"
5750'	5 1/2	"
5858'	5 3/4	"
6066'	6 1/2	"