

GARY SANDLIN

Consulting Geologist

1150 PETROLEUM CLUB BUILDING

110 18TH STREET

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RECEIVED

FEB 20 1974

OIL & GAS CONS. COMM.



00396097

Mitchell Energy

and

Development Corporation

No. 1 State

C - SW - SW Section 16

Township 3 South, Range 61 West

Adams County, Colorado

DVR	
FJP	
HHM	✓
JAM	✓
JJD	

Mitchell Energy and Development Corporation

No. 1 State

C - SW - SW Section 16

Township 3 South, Range 61 West

Adams County, Colorado

Contractor: Exeter Drilling Company

Elevation: K.B. 5117
G.L. 5107

Well Status: Stepout

Commenced: 7-2-73 Completed: 7-8-73

Surface Casing: Set 212' of 8 5/8" @ 223'
Cemented with 250 sacks

Formation Tops: (From Electric Log)

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Fox Hills	480	(+4637)
Niobrara	6013	(- 896)
Bentonite	6676	(-1559)
D Sand	6772	(-1655)
J Sand	6822	(-1705)
J ₃ Sand	6864	(-1747)
Total Depth	6892	(-1775)

Sample Description:

6700-36	Shale, dark gray
6736-40	Bentonite
6740-72	Shale, dark gray
6772-90	Sandstone, white, fine grained, friable, some faint brown oil stain, no fluorescence or cut
6790-6822	Shale, gray
6822-38	Siltstone, gray-brown and sandstone, light gray, fine grained, shale, medium gray, siltstone, gray
6838-64	Shale, medium gray and scattered clusters of sandstone, light gray, fine grained, no shows
6864-92	Sandstone, light gray, fine grained, poorly sorted, no shows

Electric Logs:

A Schlumberger Induction-Electrical and Formation Density Log were run on this well. The following calculations were made from these logs:

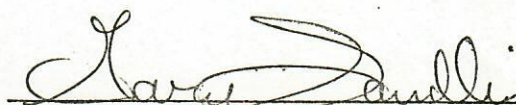
<u>Formation</u>	<u>Interval</u>	<u>% Porosity</u>	<u>% Water</u>
D Sand	6773-77	11	100
	6783-87	9	100
J Sand	6846-50	8	100
	6853-57	11	91
	6865-67	10	82
	6869-73	6	
	6873-80	10	82

Bit Record:

<u>No.</u>	<u>Size</u>	<u>Make</u>	<u>Type</u>	<u>Depth Out</u>	<u>Footage</u>	<u>Hours</u>
1	7 7/8	Reed	Y11J	3485	3261	16 1/2
2	7 7/8	Smith	DT	4954	1469	11
3	7 7/8	Smith	DT	5971	957	13 1/4
4	7 7/8	Smith	DT	6463	552	13 3/4
5	7 7/8	Smith	DT	6682	219	7 3/4
6	7 7/8	Reed	Y21G	6779	97	4 1/4
7	7 7/8	Reed	Y21G	6847	68	8 1/4
8	7 7/8	Reed	Y21G	6896	49	7 1/4

Plugging:

This well was plugged from 670-430 with 80 sacks and with 15 sacks @ bottom of surface and 10 sacks @ top.


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