



DATA SHEET AND DISCUSSION

LOCATION: C NW SW \* Section 35, T. 7N., R. 58W. Weld County, Colorado

COMMENCED: 12 Noon, 9 June 1958.

COMPLETED: 16 June 1958.

CASING: Set 151 feet of 8 5/8" casing @ 161' R.K.B with 125 sacks / 50% Posmix.

ELEVATION: 4748 Kelly Bushing  
4741 Ground Level

ELECTRIC LOG: Elgen Electrical Survey - 161 - 6336  
Elgen Permalog 2780 - 3490  
6090 - 6333

MEASURE MENTS: All measurements from top of Kelly bushing.

FORMATION TOPS: Electric Log

Hygiene Zone	2988	
Niobrara	5454	
Fort Hays	5752	
Carlile Shale	5782	
Greenhorn Limestone	5867	
Bentonite Marker	6129	
"D" Sand	6236	(-1488)
Base "D" Sand	6261	(-1513)
"J" Sand	6308	(-1560)
Total Depth	6336	(-1588)

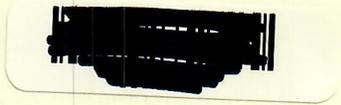
BEST IMAGE AVAILABLE

DISCUSSION: The primary objective in the drilling of this well was the "D" sand, which produces oil in the #1-B Doll located in the nw nw of Section 35.

STRUCTURE: The Doll D-1 encountered the "D" sand at -1488 or twenty feet lower than the producing well one-half mile due north.

"D" SAND: The "D" was cored throughout the entire interval and was found to be completely shaled out with the exception of two feet of very tight oil-stained sand. (See Core and Core Analysis Record). No drillstem test was attempted in this zone.

"J" SAND: The "J" sand was encountered at -1560, or 17 feet lower than the producing well to the north. The sand was white, fine-grained and very dense in the upper 4 or 5 feet. Below this the sand was clean, porous, fine-grained and water wet with a few thin, very hard streaks. No shows of any kind were noted in this interval.



The well was plugged and abandoned as a dry hole on 16 June 1958.

A complete set of core chips and drilling samples was delivered to the American Stratigraphic Co. at their laboratory at 1820 Broadway, Denver, Colorado.

Respectfully Submitted,

*James E. Hawkins*  
JAMES E. HAWKINS

BEST IMAGE  
AVAILABLE

CORE DESCRIPTION

Core #1 6232-6262 (6233-6263 (Corr. to Schl.)). Recovered 30 Feet.

6232-34 2' Shale, black, soft.

6234-37 3' Siltstone, dark gray, hard, sandy, carbonaceous with 60% black, hard shale. Top 6" was slightly sandier and bled oil and gas when core was pulled.

6237-39 2' Sandstone, light gray, hard, very fine-grained, and black, hard carbonaceous shale, laminated. (30% shale).

6239-41 2' Sandstone, gray-tan, very hard, very tight, carbonaceous, silty, very fine-grained. Spotty oil stain and fluorescence, fair odor, bled oil and gas when core was pulled.

6241-60 19' Shale, dark gray, hard, sandy with irregular thin bands and blebs of dark brown siltstone and gray, very fine-grained, hard, tight sandstone. Becomes progressively shallier toward base. No porosity or permeability, no shows.

6260-62 2' Shale, black, soft.

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CORE ANALYSIS

Depth	Permeability		Porosity	%Oil	%Water
	Hor.	Vert.			
6239-40	0.2	0.1	7.8	11.5	39.8
40-41	0.2	0.1	9.8	16.3	35.7

SAMPLE DESCRIPTION

FROM - TO

5720-50 Light tan to gray calcareous, speckled shale.

50-80 Abundant soft, white, chalky limestone.

80-5810 Decrease in percent limestone.

5810-5920 Gray shale with traces light, gray, glauconitic siltstone.

5920-6000 Gray shale.

6000-6050 Gray shale with brown crystalline limestone.

6050-90 Gray shale with tan and white crystalline limestone.

6090-6130 Gray shale with traces gray, granular limestone.

6130-6229 Gray shale with tan, white and granular bentonite.

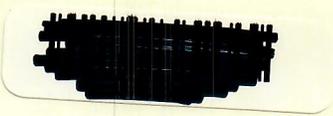
6232 Circ. 20 min. - Ditto  
40 min. - Ditto  
60 min. - Ditto with traces gray siltstone.

6232-62 Core #1

6262-90 Gray shale.

90-6310 Gray shale with gray siltstone.

6310-6340 Sandstone, light gray to white, very fine-grained, dense to very porous, water wet. No shows, no fluorescence.



DRILLING AND CORING TIME LOG

<u>FROM-TO</u>	<u>Minutes per 1 foot intervals</u>
6200-10	1-1-1-1-1-1-1-1-1-1
10-20	1-1-1-1-1-1-1-1-1-1
20-30	1-1-1-1-1-1-1-1-1-1
30-40	1-1-18-18-13-12-13-15-10-8 (Core #1 6232-6262)
40-50	12-15-16-17-14-16-16-17-18-14
50-60	19-18-18-20-19-18-17-23-18-19
60-70	18-17-2-2-3-2-2-2-3-1
70-80	2-1-1-1-1-1-1-1-2-2
80-90	2-2-2-2-1-1-1-2-1-7
90-6300	1-3-3-4-5-5-6-4-5-2
6300-10	2-3-4-3-1-2-2-2-4-11
10-20	10-2-4-5-11-10-10-2-5-4
20-30	9-3-6-17-10-18-25-20-15-25
30-40	1-2-1-2-14-10-11-8-8-8
40-41	10

BEST IMAGE AVAILABLE

BIT RECORD

<u>Run No.</u>	<u>Size</u>	<u>Type</u>	<u>Make</u>	<u>Footage</u>	<u>Hours</u>
1	7 7/8"	OSC-3	H.T. Co.	3095	
2	"	OSC-3	"	1300	
3	"	OSC-3	"	642	
4	"	OSC-3	"	958	
5	"	OSC-3	"	172	
6	"	OWV	"	90	
7	"	OWV	"	8	2 1/2
8	"	OSC-1G	"	10	1 1/2