

005-06341



01888990

RECEIVED

JUL 24 1978

COLO. OIL &amp; GAS CONS. COMM

FORMATION TOPS

<u>Formation</u>	<u>Log Tops</u>	<u>Datum K.B.</u>
Hygiene	3807'	+1603
Niobrara	5262'	+148
Ft. Hayes	5641'	-231
Greenhorn	5779'	-369
Bentonite	5952'	-542
"D" Sand	6070'	-660
"J" Sand	6116'	-706

BIT RECORD

<u>No.</u>	<u>Size</u>	<u>Make</u>	<u>Type</u>	<u>From</u>	<u>To</u>	<u>Feet</u>	<u>Hrs</u>	<u>Dev.</u>
1	12 $\frac{1}{4}$	HTC	OSC3J (rr)	0	225	225	2 $\frac{1}{2}$	$\frac{1}{2}^{\circ}$
1	7 $\frac{7}{8}$	STC	DTJ	225	2746	2521	22 $\frac{1}{2}$	$\frac{1}{4}^{\circ}$
2	7 $\frac{7}{8}$	STC	DTJ	2746	4266	1520	15 $\frac{1}{2}$	$\frac{1}{2}^{\circ}$
3	7 $\frac{7}{8}$	HTC	OSC3J	4266	5298	1032	15 $\frac{3}{4}$	1 $^{\circ}$
4	7 $\frac{7}{8}$	STC	DTJ	5298	5985	687	17 $\frac{3}{4}$	1 $\frac{1}{4}^{\circ}$
5	7 $\frac{7}{8}$	STC	DTJ	5985	6109	124	5 $\frac{1}{4}$	1 $^{\circ}$
6	7 $\frac{7}{8}$	HTC	J-33	6109	6200	91	10 $\frac{3}{4}$	1 $\frac{1}{2}^{\circ}$

DRILL STEM TEST

DST #1, 6150-6201' Tool opened with weak 1" underwater blow which increased to 2" blow by end of flow period. On final open, the tool opened with 2" blow and remained throughout test. Gas odor to surface 15 minutes into second open but would not burn. Recovered 273' of muddy water. Bottom hole sampler recovered 1600 cc of total fluid; 800 cc of water and 800 cc of mud with a trace of gas.

IFP	85-85#	ISIP	1612#	IHP	3152#
FFP	72-144#	FSIP	1565#	FHP	2936#

SAMPLE DESCRIPTION (corrected to E log)

6050-6070 Sh: m. gy., sft.  
6070-6092 Ss: wh.-lt. gy., f. g. qtz., s. rdd., clay-filled, tite.  
6092-6116 Sh: m.-dk. gy., sft., sly. slty.  
6116-6131 Ss: wh.-lt. gy., f. g. qtz., s. rdd., clay-filled, no show.  
6131-6144 Sh: m. gy., sft., slty., w/tr. m. gy. sltst.  
6144-6165 Ss: wh.-lt. gy., f. g. qtz., s. rdd., w/trs. mic. & glauco., with tr. pale blue fluor. toward base, clay-filled with poor porosity.  
6165-6200 Sh: m.-dk. gy., sft., slty.

SECRET

CONFIDENTIAL

RECEIVED  
JUL 24 1978  
COLO. OIL & GAS CONS. COMM.

DAILY DRILLING REPORT: (7:00 a.m.)

- May 16 T. D. 225'. W.O.C. Spud at 9:00 p.m. on the 15th. Ran 15 jts of 8 5/8" to 216' K.B., cemented with 180 sacks regular cement, 2% CaCl. Plug down at 1:45 a.m.
- May 17 Drilling at 2602'.
- May 18 Drilling at 4360'.
- May 19 Drilling at 5392'.
- May 20 Drilling at 6080'.
- May 21 T. D. 6200' and logging.
- May 22 T. D. 6200'. Ran DST #1 and plugged hole.



Morgan Oil #1 UPRR LeValley  
SE SW 15, 5 S., R. 59 W.  
Arapahoe County, Colorado

RECEIVED  
JUL 24 1978

COLO. OIL & GAS CONS. COMM.

