



Enbrook Oil & Gas Co - #1UPRR-Monnahan (con't)

9' Sandstone as above with spotty to good stain, fair odor, good to light fluorescence, vertical fractures 5874-5875'.
14' Sandstone as above with no show.
5900 - 5912 Shale, black, fissile, soft.

CORING TIME

<u>Depth</u>	<u>Interval</u>	<u>Time - Minutes/Interval</u>
5859-5900	1'	29 - 27 - 22 - 24 - 33 - 22 - 36 - 31 - 37 - 30 - 21 - 16 - 18 - 19 - 16 - 17 - 18 - 19 - 17 - 16 - 21 - 20 - 18 - 20 - 18 - 18 - 17 - 14 - 14 - 12 - 7 - 5 - 10 - 17 - 19 - 18 - 15 - 20 - 17 - 24 - 17.

DRILL STEM TEST

DST #1 5862-5872' (straddle test with double packer on top), open 2 1/2 hrs., shut-in 30 mins., weak blow for 40 mins., fair blow 80 mins., tool slipped 1 1/2', then blow increased to good for 10 mins., then decreasing to fair to end of test. Recovered 640' of gas in drill pipe and 1580' total fluid; 250' mud cut oil, 720' oil cut mud (40% oil), 90' water and oil cut mud and 520' slightly mud cut water.
Pressures: IH 3059#, FH 3048#, IF 44#, FF 710# and FSIP 1574#.

DST #2 5872-5880' (straddle test with single packer on top), open 5 mins., shut-in 20 mins., open 2 hrs., shut-in 20 mins., open with weak blow to strong in 4 mins., decreasing to fair blow at end of test. Recovered 540' of gas in drill pipe and 2405' total fluid; 810' heavily mud cut oil (50% oil), 90' heavily oil cut mud, 180' oil & mud cut water (10% oil and 7% mud), 630' oil cut muddy water and 695' slightly oil cut water. Bottom hole sampler recovered 1100 cc. of oil and 1000 cc. of water.
Pressures: IH 3113#, FH 3091#, IF 248#, FF 349-1048#, ISIP 1591# and FSIP 1591#.

BIT RECORD (DRILLER'S)

<u>Make</u>	<u>Size</u>	<u>Type</u>	<u>From - To</u>	<u>Footage</u>
Sec	7-7/8	S3	155 - 2803	2648
Sec	7-7/8	S3	2803 - 3960	1157
Sec	7-7/8	S3	3960 - 5080	1120
Sec	7-7/8	S3	5080 - 5640	560
Sec	7-7/8	S3	5640 - 5862	222
D&S	6-1/8	Diamond	5862 - 5903	41
HTC	7-7/8	OWW	5862 - 5897	Reaming
Sec	7-7/8	MIL	5897 - 5916	13

STATUS

The Enbrook Oil & Gas Co., Inc. - #1 UPRR-Monnahan will be completed as a 'J' Sand oil producer.

Edwin F. Marker

Edwin F. Marker
Petroleum Geologist

July 24, 1969

000-06050.



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ENBROOK OIL & GAS CO., INC.
POST OFFICE BOX 3038
BOULDER, COLORADO, 80302

September 5, 1969

The following was run in the #1 UPRR - Monnahans Well.

209 Jts. 2 7/8 tubing.	5,883'
Seating Nipple	1'
Perforated Nipple	3'
Baker Anchor Catcher	3.50'
	<u>5,890.50</u>

139 3/4" New Rods	3,475'
95 7/8" " "	2,375'
1 7/8" Rod Sub	6'
1 1 1/2" X 22' Polish Rod	2'
1 2 1/2" X 1 1/2" X 16' Bottom	
Hold down pump	16'
	<u>5,894'</u>

11' of Polish Rod out of hole. Pump spaced 30" off bottom.

1 160 Continental Fmsco unit
1 288 Le Roy Engine

William L. Brooks
William L. Brooks

005-06050



01839007

CARL A. HOUY

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ENBROOK OIL & GAS CO., INC.

UPRR MONAHAN NO. 1

990' FWL and 1660' FWL Section 19, T5S, R58W,
Arapahoe County, ColoradoJuly 25, 1969

Swabbed hole to 4800'.

Ran GammaRay-Collar log 5906' to 5700'.

Perforated "J" sand (GammaRay measurements):

5875-79' with 13-90 gram jets

5881-04' with 10-90 gram jets

Swabbed hole down - show of oil on second pull.

Fluid recovered:

Swab down	29.0 barrels
1st hour	18.3 barrels
2nd hour	17.6 barrels
3rd hour	18.4 barrels
	<u>83.3</u> barrels
Less water in hole	30.0 barrels
Total fluid recovered	<u>53.3</u> barrels
Total oil recovered	21.7 barrels

July 26, 1969

Overnight fillup - 90 barrels (3600'). 950' oil on top (26%).

On swab down recovered 106 barrels fluid.

Next hour recovered 43 barrels of fluid - total fluid recovered
today - 149 barrels.Drained tank - recovered 25 barrels oil out of the 149 barrels,
or 16.6%.Next 5 hours recovered 121 barrels of fluid of which 25 barrels
was oil, or 20.6%.

Total recovered for day - 270 barrels fluid (50 barrels oil 18.6%).

Shut down operations.

I recommend the use of polymers in an effort to slow down the water production so that this will be an economic operation. In the event polymers are not used, it is recommended that the well be plugged and abandoned.


 Carl A. Houy