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WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

18-15-11W

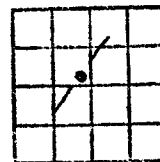
Company- MAST DRILG., INC.
Farm- Janne

No. 1

SEC. 18 T. 15 R. 11W
SE SE NW

County Russell
KANSAS

Total Depth. 3373'
Comm. 10-30-57 Comp. 11-7-57
Shot or Treated.
Contractor. Mast Drilg., Inc.
Issued. 1-4-58



CASING:

8" 34'

Elevation. 1839 RB

Production. Dry

Figures indicate Bottom of Formations.

clay-rock	40
shale-shells	195
sand-shale	230
shale	340
shale-shells	480
red bed	730
Anhydrite	760
shale-shells	1410
shale-lime	1480
lime-shale	1640
lime-sand	1780
shale-lime	2638
lime	2857
lime	2919
Heebner	2923
lime	2924
lime-shale	3008
lime	3330
lime-chert	3347
Arbuckle lime	3373
Total Depth	

TOPS: Scout	
Anhydrite	730
Howard	2592
Topeka	2629
Heebner	2919
Toronto	2939
Douglas	2949
Brown lime	3012
Lansing	3025
Conglomerate	3315
Arbuckle	3347

18-15-11W

KOESTER & CORNELL

Petroleum Geologists

PHONE AMHERST 2-3921

604 ~~442~~ ORPHEUM BUILDING
WICHITA 2, KANSAS

EDWARD A. KOESTER
LEE H. CORNELL

November 11, 1957

Mast Drilling, Inc.,
Box 33,
Russell, Kansas.

Re: No. 1 Janne,
SE SE NW, 18-15-11W.,
Russell County, Kansas.

Gentlemen:

The following is my report on the above captioned well. One-foot drilling time was kept and samples were saved from 2300 feet to total depth. Drilling progress was observed from 2880 feet to total depth. Samples were delivered to the Kansas Well Sample Bureau and a copy of the drilling time will be sent to the Kansas Well Log Bureau at the completion of this report. The original time log is enclosed herewith.

MISCELLANEOUS DATA

Contractor: Mast Drilling, Inc., Rig No. 1.
Surface Hole: October 30, 1957.
Completed: November 7, 1957.
Surface Casing: 8-5/8" at 340; cemented with 185 sacks Posmix.
Elevation: 1839', top Rotary Bushing.
Drill pipe strapped on trip No. 5: Board 2719.46
Strap 2719.11
Difference .35

(No correction made)

FORMATION TOPS

	<u>By Samples and Drilling Time</u>		<u>By Welex</u>	
Top Anhydrite	730	1109	724	1115
Base Anhydrite	760	1079	754	1085
Topeka	2629	- 790	2625	- 786
Heebner	2919	-1080	2914	-1075
Toronto	2939	-1100	2934	-1095
Douglas	2949	-1110	2944	-1105
"Brown Lime"	3012	-1173	3007	-1168
Lansing	3025	-1186	3020	-1181
Cherty Conglomerate	3315	-1476	3308	-1469
Arbuckle	3347	-1508	3341	-1502
Total Depth	3373	-1534	3370	-1531

-2- Mast Drilling, Inc., No. 1 Janne

STRUCTURAL POSITION

Structurally, your No. 1 Janne is from 45 to 55 feet lower on all formations than the producing wells $3/4$ mile to $1\frac{1}{2}$ miles southwest in Sections 13 and 24-15-12W.

LANSING SECTION

There were no shows of oil in any of the Lansing zones which produce in the area. These zones were all poorly developed and all were of negative value on the electric log.

CHERTY CONGLOMERATE SECTION

3315-47 Gray and pale brown translucent chert; some vari-colored chert, partly oolitic; gray, brown and yellow-brown shales; much pyrite. There was no sand present in the entire section. ✓

ARBUCKLE SECTION

3347-73 Cream, tan, fine crystalline to dense dolomite; very little porosity; no odor; no show of oil; no stain.

Because of its low structural position and complete lack of shows of oil, it was recommended that No. 1 Janne be abandoned at 3373 feet.

Yours very truly,



Lee H. Cornell.

LHC/lt
c.c. The Texas Company (2)
Encl.

18-15-11w

-3- Mast Drilling, Inc., No. 1 Janne

DAILY PROGRESS

October 30	Surface hole - 8-5/8 at 340; plug down at 7:30 P.M.
" 31	TD 340 WOC Drilled plug at 7:30 A.M.
November 1	Drilling 1640
" 2	" 2175
" 3	" 2614
" 4	" 2857
" 5	" 3057
" 6	" 3217
" 7	3371 TD 3733 at 7:38 A.M.

(Lost circulation at 2513)

BIT RECORD

No.	Make	Type	Depth	Footage	Hours
1	Hughes	OSC Re-Tip	340- 763	423	7½
2	"	OSC B	763-1695	932	18-3/4
3	"	OWV Re-Tip	1695-2025	330	12-1/4
4	"	OSC	2025-2691	666	34-3/4
5	"	OWV	2691-3015	324	31-1/4
6	"	OWV	3015-3152	137	18-3/4
7	Security	M4N	3152-3276	124	12-3/4
8	Hughes	W7	3276-3373	97	

18-15-11w

Mast Drilling, Inc.,
 No. 1 Janne,
 SE SE NW, 18-15-11W.,
 Russell County, Kansas.

TIME LOG

2300-2310	3-2-2-3-3	2-2-3-2-2
20	3-8-7-7-4	3-4-4-5-3
30	4-2-3-3-4	2-3-2-2-2
40	2-2-2-6-7	6-2-2-2-2
50	1-1-2-1-1	2-2-1-1-1
60	1-1-1-1-1	1-1-1-1-1
70	2-1-2-2-2	2-2-1-1-2
80	2-2-2-2-2	2-2-2-2-2
90	1-2-2-2-2	2-1-2-2-2
2400	4-4-4-4-4	4-4-3-3-4
2401-2410	2-2-5-5-4	3-3-3-3-2
20	3-3-3-4-4	4-4-3-2-2
30	2-1-1-1-1	1-1-1-1-1
40	1-1-2-2-2	2-2-2-2-2
50	2-3-2-3-2	2-3-2-3-2
60	3-4-4-4-5	3-3-5-5-4
70	5-5-5-3-5	3-4-4-5-3
80	3-3-3-3-4	4-5-4-3-3
90	2-1-1-2-2	2-3-5-5-3
2500	4-5-4-3-2	3-4-3-1-5
2501-2510	4-5-5-5-6	3-3-3-6-6
20	7-7-6-4-3	3-4-3-3-4
30	3-3-4-5-8	8-6-7-7-5
40	7-3-3-3-4	4-3-3-3-4
50	3-2-2-3-3	3-3-3-3-3
60	4-5-5-4-3	3-3-4-3-4
70	4-5-3-4-3	3-4-4-3-3
80	3-3-3-3-3	3-3-3-4-3
90	3-3-3-3-4	3-3-4-4-4
2600	3-4-8-8-4	3-3-4-5-5
2601-2610	4-3-1-2-4	4-4-5-6-4
20	4-2-5-6-6	4-4-4-4-4
30	5-5-5-4-4	3-4-3-3-5
40	6-7-8-5-4	4-3-6-6-5
50	6-5-5-7-7	5-5-5-7-6
60	6-6-6-5-6	5-5-4-4-4
70	6-6-4-3-3	4-5-5-5-4
80	4-3-4-5-6	6-5-8-7-6
90	6-7-6-6-5	6-4-3-3-6
2700	11*-4-3-2-2	2-3-3-2-3

Lost circulation
 32 min. at 2513.

*Trip at 2691 OWV

18-15-11w

-2-

Mast Drilling, Inc., No. 1 Janne

Time Log

2701-2710	2-2-2-1-1	1-1-2-2-3	
20	2-3-3-4-5	6-4-4-4-6	
30	5-6-6-5-6	5-4-3-4-3	
40	4-5-5-5-5	5-5-4-4-4	
50	5-4-3-3-4	3-3-2-2-3	
60	6-5-4-3-3	5-4-3-2-3	
70	5-9-4-3-3	2-3-3-3-4	
80	5-9-7-7-10	8-7-6-4-2	
90	2-3-3-3-2	4-9-9-6-9	
2800	9-4-4-7-6	7-6-8-8-8	
2801-2810	8-6-7-8-9	10-7-7-5-6	
20	8-10-9-7-4	4-4-4-5-4	
30	8-12-8-8-7	8-10-7-9-4	
40	2-8-12-9-6	4-7-12-11-9	
50	5-8-8-9-8	8-8-8-9-13	
60	10-8-6-4-7	4-9-5-6-5	
70	7-7-6-10-2	5-8-5-4-4	
80	5-5-4-3-4	3-4-5-3-3	
90	5-4-4-4-4	4-3-4-4-6	
2900	5-5-6-6-5	4-6-7-6-4	
2901-2910	7-7-8-8-8	5-7-10-10-11	
20	11-12-11-12-14	13-14-11-11-4	
30	2-3-2-15-25	13-6-6-3-4	
40	4-6-5-5-7	5-5-2-5-8	
50	9-6-5-9-11	9-14-15-15-8	
60	6-5-4-3-4	4-4-4-3-4	
70	4-4-4-3-3	4-3-3-3-3	
80	4-4-3-3-3	3-3-2-3-3	
90	3-2-3-3-3	3-3-4-3-4	
3000	4-4-5-4-5	7-9-7-7-7	
3001-3010	8-7-8-8-9	9-10-9-8-9	
20	8-8-13-12-15	9*-6-5-7-4	*Trip at 3015 OWV
30	4-4-5-5-5	6-7-6-5-4	
40	9-9-8-10-9	8-8-10-7-6	
50	7-7-6-9-8	7-5-4-4-4	
60	6-6-4-3-7	9-8-7-6-6	
70	8-7-11-10-9	11-6-7-5-5	
80	11-15-12-4-4	5-5-6-5-13	
90	10-15-11-7-6	9-12-8-6-8	
3100	6-5-6-5-6	4-5-9-9-11	
3101-3110	10-9-10-11-14	12-12-18-16-14	
20	13-15-10-7-12	10-12-12-6-2	
30	2-3-4-6-8	5-5-7-12-12	Circ. 45 min. @ 3125
40	7-3-5-5-7	13-15-12-12-14	
50	10-10-10-10-14	15-11-11-14-10	
60	4-17-6*-7-7	7-7-6-5-5	*Trip at 3152 M4N
70	5-5-5-6-5	5-5-5-7-7	
80	7-7-7-7-7	6-8-6-7-6	
90	6-5-7-6-6	6-4-8-6-5	
3200	5-5-5-4-4	5-5-5-5-5	

18-15-11w

-3-

Mast Drilling, Inc., No. 1 Janne

Time Log

3201-3210	3-3-2-1-1	1-1-4-5-5	
20	4-5-6-5-6	5-7-6-7-5	
30	6-6-6-6-3	3-3-3-4-4	
40	4-4-4-5-6	5-5-6-7-6	
50	6-8-5-7-7	6-5-8-7-6	
60	8-7-9-6-6	4-7-7-6-7	
70	7-7-11-10-7	5-7-7-8-9	
80	11-10-15-14-16	17*-7-11-11-9	*Trip at 3276 w7
90	5-4-4-6-7	7-8-9-9-8	
3300	15-16-8-8-9	8-8-4-5-4	
3301-3310	6-4-6-9-8	7-7-9-9-9	
20	8-9-6-5-4	7-6-7-7-5	
30	10-10-8-6-6	5-5-5-5-6	Circ. 1 hr. @ 3330
40	8-10-10-7-6	6-6-6-6-6	
50	5-6-7-7-7	7-7-11-12-12	
60	14-18-13-11-10	12-17-18-8-11	
3370	14-11-10-11-12	9-15-13-15-14	
73	18-13-10		