

15-065-20081-00-00

GEOLOGICAL REPORT

IMPERIAL OIL CO.

DAWES #1

C SE NE, Sec. 30-7S-25W

Graham County, Kansas

By

J. A. MARONDE

15-065-20081-10-00

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GEOLOGICAL REPORT

IMPERIAL OIL CO.
DAWES #1
C SE NE, Sec. 30-7S-25W
Graham County, Kansas

Elevations	2468 Ground Level 2470 Derrick Floor 2473 Kelly Bushing
Commenced:	August 29, 1967
Completed:	September 5, 1967
RTD:	3942
Surface Casing	207' of 8-5/8" w/165 Sx.
Production Pipe	None
Electric Log	None

Remarks: One foot drilling time was kept from 3500 to 3942 feet. Samples were saved from 3550 to 3942 feet. Geological supervision at wellsite from 3700 to total depth.

Formation Tops: (All measurements are from Kelly Bushing)

Heebner	3679 (-1206)
Toronto	3701 (-1228)
Lansing	3717 (-1244)
Base Kansas City	3934 (-1461)
RTD	3942 (-1469)

Reservoirs: The following are descriptions of all reservoirs containing shows of oil or gas or reservoirs felt pertinent by the writer. All measurements are from the Kelly Bushing.

Toronto: 3701-10 White to buff dense to medium crystalline lime with no visible porosity, no show, very chalky.

Lansing: 3717-43
(Top Zone) Cream fine crystalline medium oolitic lime with poor to fair inter oolitic porosity, No show - chalky in part.

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Lansing: (Cont'd) 3751-62:

(35' Zone) Buff fine crystalline faintly oolitic lime with poor to fair vuggy porosity, no show, much chalky.

3767-82 (50' Zone) Buff fine crystalline lime with trace of poor pin point porosity - no show - chalky in part.

3785-3801 (90' Zone) Buff dense to fine crystalline faintly oolitic and oocastic lime with poor oocastic porosity. No show.

3847-62 (140' Zone) White to buff, dense and fine crystalline slightly fossiliferous lime - no visible porosity - no show - chalky.

3876-90 (160' Zone) White very fine crystalline faintly oolitic and oocastic lime with poor to fair oocastic porosity - no show - much chalky.

3899-3911 (180' Zone) Buff to light grey fine crystalline chalky lime - no show.

3913-34 (200' Zone) White to buff dense to fine crystalline, very chalky lime, no visible porosity - no show.

DST #1

3858-3942

Open 30"; SI 30"; Open 30"; SI 30"

Rec. 50' mud

IBHP 1201#/30"

FP 21# - 31#

FBHP 1088#/30"

Recommendations:

Since no significant shows were observed, it was recommended that the Dawes #1 be plugged and abandoned.

Respectfully submitted

J. A. Maronde
 J. A. Maronde

JAM/hl

DRILLING TIME

Imperial - Dawes #1
 C SE NE, Sec. 30-7S-25W
 Graham County, Kansas

3500 - 20	3-4-4-3-3	2-3-5-5-3	5-6-3-3-4	3-3-3-3-4
40	4-5-4-4-4	3-2-1-3-4	4-5-4-2-2	2-2-3-3-3
60	5-4-3-3-3	3-3-3-3-2	3-3-2-2-2	3-3-4-4-6
80	7-8-6-9-6	7-7-8-9-5	3-5-2-2-3	3-3-1-2-3
3600	2-2-3-2-2	1-1-1-2-2	2-2-3-2-3	4-4-4-4-4
3600 - 20	4-4-4-4-3	3-3-3-4-4	5-3-4-4-3	3-4-4-5-5
40	5-5-5-6-6	6-5-6-3-4	4-6-5-4-4	3-4-4-3-2
60	3-3-6-5-5	5-5-5-3-3	3-3-3-3-2	2-2-2-2-1 Trip 3643
80	2-3-2-2-2	2-2-2-2-2	2-2-2-2-2	3-2-3-2-1
3700	1-3-5-5-4	3-3-3-3-3	3-3-3-3-3	3-4-4-3-3 Circ 3700
3700 - 20	4-4-3-4-5	7-7-8-10-6	4-4-4-4-4	4-3-5-4-3
40	3-3-3-3-4	3-4-5-7-8	7-6-6-5-4	5-6-5-5-7
60	7-6-7-5-5	5-6-4-5-6	4-6-6-5-4	4-3-3-3-5
80	9-9-5-5-5	5-5-8-7-6	7-7-8-7-6	7-8-8-9-9 Circ 3764
3800	9-10-5-5-6	6-6-9-6-6	6-7-5-6-8	6-4-6-5-9
3800 - 20	3-5-8-8-5	5-5-8-7-8	9-8-9-9-8	8-7-7-9-8
40	7-9-7-8-7	7-7-7-8-8	10-9-11-12-10	6-11-11-11-11
60	7-7-6-7-7	6-7-8-6-5	5-4-7-7-7	8-8-8-8-7
80	9-6-4-5-6	4-4-6-6-6	8-4-3-4-6	4-6-6-5-4 Trip 3861
3900	3-4-3-4-4	3-4-3-4-4	6-6-5-6-5	6-5-5-5-6 Circ 3895
3900 - 20	6-6-6-6-5	5-5-6-6-6	4-5-4-6-6	5-6-5-6-4
40	5-4-4-5-5	6-7-6-6-6	4-4-4-4-2	2-2-2-2-2
60	12			RTD 3942