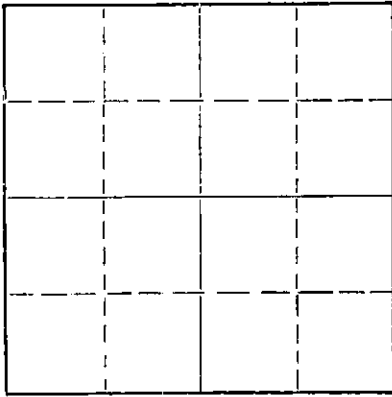


15-119-30067-0000

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
211 No. Broadway  
Wichita, Kansas

WELL PLUGGING RECORD

NORTH



Locate well correctly on above  
Section Plat

Meade County, Sec. 28 Twp. 34S Rge. 28W (E) (W)

Location as "NE/CNWxSWx" or footage from lines. C NW SE

Lease Owner Imperial Oil Company

Lease Name Meredith "A" Well No. One (1)

Office Address

Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole

Date well completed Dec. 31, 1964 19

Application for plugging filed Dec. 31, 1964 19

Application for plugging approved Dec. 31, 1964 19

Plugging commenced Dec. 31, 1964 19

Plugging completed Dec. 31, 1964 19

Reason for abandonment of well or producing formation No commercial quantities of oil found.

If a producing well is abandoned, date of last production 19

Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Hugh E. Scott, Sublette, Kansas

Producing formation Depth to top Bottom Total Depth of Well 3325 Feet

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
		1356.78	ft. of	7" csg.	at 1350'	Not pulled

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet for each plug set.

Plugged from 700 to 525 with 35 sacks Common cement.

Plugged from 45 to 0 with 15 sacks Common cement.

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JAN 26 1965  
1-26-65

CONSERVATION DIVISION  
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor Imperial Oil of Kansas, Inc.

Address 780 Fourth National Building, Wichita 2, Kansas

STATE OF KANSAS, COUNTY OF BARTON, ss.

William A. Sladek (employee of owner) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) William A. Sladek

780 Fourth Nat'l Bldg., Wichita 2, Ks.  
(Address)

SUBSCRIBED AND SWORN to before me this 20th day of January, 1965.

Bette J. Silcott  
Bette J. Silcott Notary Public.

My commission expires July 5, 1966

DRILLER'S LOG

Imperial Oil Company  
780 Fourth National Building  
Wichita, Kansas

Meredith "A" No. 1  
C NW SE Sec. 28-34S-28W  
Meade County, Kansas

Total Depth: 3325 ft.

Elevation: 2446 KB

Commenced: 12-19-64

Completed: 12-31-64

Contractor: Chemical & Technical Services, Inc.  
Box D  
Hill City, Kansas

Casing Record: Set 1356.78 ft. 7" casing at 1350 with 250 sacks  
Posmix 2% Calcium Chloride, 200 sacks HA-5.

Figures indicate bottom of formations:

Sandy Clay	45'
Clay	74'
Sand & shale	196'
Red Bed & shale	800'
Sand & red shale	1146'
Shale-Sand Red Bed Lime	1344'
Anhydrite	1350'
Lime Red Bed	1900'
Lime & shale	2578'
Lime	2865'
Lime & shale	3010'
Lime	3325'
RTD	3325'

TOPS:

Winfield	2769 (- 323)
Wreford	2999 (- 553)
Council Grove	3105 (- 659)
RTD	3326 (- 880)

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Wichita, Kansas

We hereby certify this to be a correct and accurate log of the above described well, as shown on the daily drilling reports.

IMPERIAL OIL COMPANY

By William A. Sladek  
William A. Sladek

Subscribed and sworn to before me this 30 day of January, 1965.

My Commission Expires:  
July 5, 1966.

Bette J. Silcott  
Bette J. Silcott, Notary Public

15-119-30067-0000

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CONSERVATION DIVISION  
Wichita, Kansas

GEOLOGICAL REPORT

MEREDITH "A" NO. 1

C NW SE Sec. 28-34S-28W

MEADE COUNTY, KANSAS

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GEOLOGICAL REPORT

Company: Imperial Oil Company Meade County, Kansas  
Farm: Meredith "A" No. 1 C NW SE Sec. 28-34S-28W  
Contractor: Chemical & Technical Services Elevation: 2446 KB  
 Box D Hill City Rotary Total Depth: 3325 ft.  
Pool: Meierdierks Rotary Completed: 12-31-64

Geological Data:

Samples were examined from 2900 ft. to Rotary Total Depth. One foot drilling time was kept from 2600 ft. to Rotary Total Depth. (Electric log information: Welex Gamma-Guard and Acoustic Velocity Logs were run. At 3100', Welex measurements are 3' down hole to drillers measurements.)

Formation Tops:

	<u>Sample Tops</u>	<u>Electric Log Tops</u>
Winfield	2769 (- 323)	2769 (- 323)
Wreford	2999 (- 553)	2999 (- 553)
Council Grove	3102 (- 656)	3105 (- 659)
Total Depth	3325 (- 879)	3326 (- 880)

Porosity and Shows of OilWinfield 2769 (- 323) E.L.

Samples not examined. Gas presence was not indicated by the Baroid Detector.

Wreford 2999 (- 553) E.L.

White to light gray slightly chalky oolitic limestone. Good porosity. There were no shows of gas in the Chase Group.

Council Grove 3105 (- 659) E.L."A" Zone

White to very light tan semi-chalky oolitic limestone. Fair porosity. No gas indication.

"B" Zone

Shaled out.

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CONSERVATION DIVISION  
Wichita, Kansas

Geological Report  
Meredith "A" No. 1

Council Grove (Cont'd)

"C" Zone White to cream finely crystalline, semi-chalky, slightly oolitic limestone. Poor to fair porosity. No gas indication.

"D" Zone White to light gray very slightly oolitic, slightly chalky to very dense, highly fossiliferous limestone. Fair to good vugular porosity. No gas indication.

Due to the proximity of the Meredith "A" No. 1 to other wells in the area which are producing from the upper Council Grove Zones, it was decided that Zones "A" through "D" be further evaluated by drillstem testing.

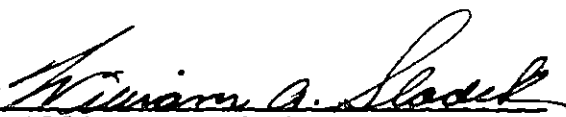
DST #1, 3092-3158 (A, C, & D Zones) Open 1 hour, fair blow. Recovered 960 ft. salt water.  
ICIP 895#, IF 126#, FF 462#, FCIP 895#/20".

"E" Zone White to cream chalky to dense oolitic slightly dolomitic limestone. Fair to good porosity. Electric log analysis indicates that the top six feet of this zone may have limited producing potential, even though gas presence was not indicated by the Baroid Detector. Since the water saturation calculation was marginal, it is recommended that this zone be carefully examined in subsequent test wells which are higher structurally.

"H" Zone (Thonhoff) White to Buff oolitic chalky limestone. Poor to fair visible porosity. No gas indication on Baroid Detector. Electric log analysis indicates that the top four feet of this zone may have limited producing potential. Since the water saturation and porosity calculations were marginal, it is recommended that this zone be carefully watched if subsequent tests are drilled in the area.

R.T.D. 3325 This well was plugged and abandoned 12-31-64.

IMPERIAL OIL COMPANY

By   
William A. Sladek  
Geologist

DRILLING TIME

Meredith No. 1 "A"  
C NW SE Sec. 28-34S-28W  
Meade County, Kansas

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Depth	Minutes	Remarks
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1' Intervals

2600 - 2610	7-6-4-8-4/6-6-6-9-8	
20	6-7-9-9-8/8-10-11-11-8	
30	5-8-11-10-7-6/6-6-7-6-8	
40	8-9-8-9-8/7-7-3-5-4	
50	6-8-6-8-5/7-7-8-5-7	
60	9-6-8-6-6/5-10-9-9-6	
70	4-6-6-3-5/8-11-8-3-3	Trip at 2668'
80	4-5-3-4-3/4-5-6-6-7	
90	4-4-5-6-6/6-7-8-8-6	
2700	7-8-9-7-8/7-8-8-8-9	
2700 - 2710	10-8-9-9-11/11-12-10-11-8	
20	7-5-4-4-5/5-5-6-4-5	
30	5-5-5-4-4/4-4-4-6-7	
40	6-6-9-10-8/7-6-7-8-9	
50	8-8-8-9-9/14-12-14-15-5	
60	4-8-9-9-10/6-6-7-9-6	
70	4-3-5-5-7/8-10-11-3-4	
80	3-3-2-1-1/1-2-1-2-2	
90	1-2-1-1-2/2-1-2-1-1	
2800	2-1-1-2-2/3-5-4-2-2	
2800 - 2810	1-4-4-9-9/7-7-5-5-5	
20	5-6-4-5-5/4-7-7-5-4	
30	7-4-5-9-8/6-6-5-2-2	
40	2-3-4-5-5/3-4-5-5-4	
50	5-5-5-3-3/2-3-4-6-6	
60	6-5-4-3-4/6-5-4-7-7	
70	5-4-5-6-7/7-6-9-9-8	
80	6-6-4-4-3/4-4-4-5-5	
90	5-5-5-5-6/7-5-3-3-4	
2900	5-3-5-7-6/5-5-6-5-7	

Meredith "A" No. 1

Depth	Minutes	Remarks
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2900 - 2910	6-5-5-5-4/5-5-5-6-7	
20	7-7-5-5-6/8-8-7-4-5	
30	5-8-9-8-9/6-10-8-7-10	
40	1-6-4-4-4/4-4-4-4-4	
50	4-5-5-6-7/5-6-6-6-6	
60	6-4-3-3-5/6-5-5-8-9	
70	8-5-7-6-4/6-8-6-6-7	
80	8-6-8-6-11/10-8-6-5-6	
90	8-10-10-9-9/8-4-5-4-5	
3000	5-5-6-3-5/3-5-4- $\frac{1}{2}$ - $\frac{1}{2}$	
3000 - 3010	3-1- $\frac{1}{2}$ -1 $\frac{1}{2}$ -3/4-3-5-6-7	
20	9-6-5-7-7/6-8-8-6-6	
30	8-9-9-12-7/7-7-9-11-12	
40	7-9-6-6-5/7-8-8-6-9	
50	8-5-5-7-10/9-7-7-8-9	
60	9-14-12-10-3/2-6-9-10-6	
70	6-7-7-6-6/7-5-5-4-5	
80	6-3-4-6-4/5-4-5-3-3	
90	5-5-6-6-3/3-6-8-6-7	
3100	6-7-7-8-8/9-4-4-4-5	
3100 - 3110	4-6-7-5-4/4-5-5-5-8	
20	7-8-7-5-8/7-8-6-11-8	
30	8-5-8-5-5/6-7-12-12-13	
40	4-4-4-4-6/7-8-8-8-5	
50	6-5-8-9-6/5-6-4-7-4	
60	5-4-5-5-4/6-5-11-3-7	
70	6-7-4-4-3/3-4-2-1-1	
80	1 $\frac{1}{2}$ -1 $\frac{1}{2}$ -2-1-2/2-3-2-3-6	
90	5-3-1- $\frac{1}{2}$ - $\frac{1}{2}$ /2-3-1-4-2	
3200	2-1-3-5-5/5-4-7-5-7	
3200 - 3210	7-7-6-4-6/2-5-6-7-4	
20	3-2-2-1-2/2-2-1-1 $\frac{1}{2}$ -1 $\frac{1}{2}$	
30	1 $\frac{1}{2}$ -2-2-2-2-3/3-4-4-5-4	
40	3-3-4-3-4/3-3-3-3-3 $\frac{1}{2}$	
50	2 $\frac{1}{2}$ -2-3-2 $\frac{1}{2}$ -2 $\frac{1}{2}$ /3-2-3-5-7	
60	6-6-9-7-6/5-5-6-6-6	
70	6-5-5-3-4/4-3-2-4-6	
80	6-4-6-4-7/8-9-7-9-5	
90	7-7-6-7-6/6-7-5-6-4	
3300	4-4-3-6-8/5-6-3-4-3	