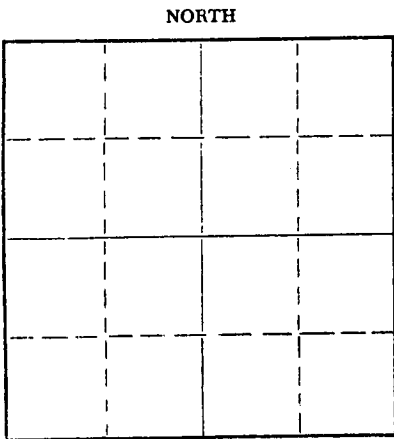


Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 No. Market
Wichita, Kansas

WELL PLUGGING RECORD

Russell County, Sec. 18 Twp. 13 Rge. 14 (E) W (W)
Location as "NE/CNW/SW" or footage from lines NW SW SE
Lease Owner Clarence Wilhelm
Lease Name Olson Well No. 2
Office Address Russell, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry hole
Date well completed January 7 19 67
Application for plugging filed January 7 19 67
Application for plugging approved January 7 19 67
Plugging commenced January 7 19 67
Plugging completed January 7 19 67
Reason for abandonment of well or producing formation Dry hole



Locate well correctly on above
Section Plat

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 Don Truan
Producing formation Depth to top Bottom Total Depth of Well 3,266 Feet
Show depth and thickness of all water, oil and gas formations.

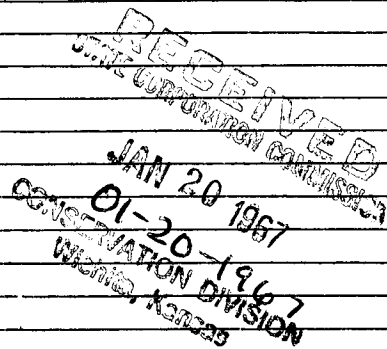
OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				8 5/8"	852'	Cmtd w/ 425 sax

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.

Fill w/ heavy mud to 350'
Set bridge plug @ 350' w/ 1/4 sax hulls on plug
Dump 25 sax cement on plug thru 4 1/2" drill pipe
Fill w/ heavy mud to 40'
Set bridge plug @ 40' w/ 1/2 sax hulls on plug
Dump 10 sax cement on plug to cellar



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

Name of Plugging Contractor Shields Drilling Co., Inc.
Address Russell, Kansas

STATE OF Kansas, COUNTY OF Russell, ss.
R. J. Shields Contractor

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) R. J. Shields
Shields Bldg., Russell, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 19th day of January, 19 67

My commission expires May 26, 1967
Keith Phillips Notary Public



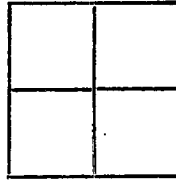
Shields

15-167-30300 Russell, Kansas

WELL LOG

Operator: Clarence Wilhelm
Well: Olson #2
Commenced: December 19, 1966
Completed: January 7, 1967
Contractor: Shields Drilling Co., Inc.

Well Description: NW SW SE
Sec. 18-13S-14W
Russell Co., Kansas



CASING RECORD

Size Run Pulled
8 5/8" 852' Cmtd w/ 425 sax

Elevation:
Treatment:
Production: D & A
Tops:

..... Figures Indicate Bottom of Formations

Post rock & shale	80'
Shale & sand	330'
Pyrite	340'
Pyrite & sand	470'
Shale, shells & redbed	846'
Anhydrite	891'
Shale & shells	920'
Shale, shells & salt	1,495'
Shale & lime	1,650'
Lime	2,090'
Lime & shale	2,700'
Lime	3,266' R T D

NOTES

DST #1 2,970' - 3,003' Tool open 45 min. Recovered 180' gas, 30' SO & GCM, 60' muddy water, IBHP - 509#, IFP - 35#, FFP - 71#, FBHP - 465#

DST #2 3,120' - 3,179' Tool open 1 hr. Recovered 120' muddy water. IBHP - 911#, IFP - 42#, FFP - 107#, FBHP - 831#

RECEIVED
STATE CORPORATION COMMISSION
JAN 20 1967
01-20-1967
CONSERVATION DIVISION
Wichita, Kansas

15-167-30300-00-00

FRANCIS WHISLER
PETROLEUM GEOLOGIST
RUSSELL, KANSAS 67665
PHONE 483-3486

RECEIVED
APR 20 1967
01-20-4967
CONSERVATION DIVISION
Wichita, Kansas

GEOLOGICAL REPORT

FOR

CLARENCE WILHELM

Olson #2
N. SW SE - Section 18
Township 13S - Range 14W
Russell County, Kansas

CONTRACTOR: Shield Drilling, Inc. ELEVATION: Kelly Bushing 1798'
COMMENCED: Dec. 19, 1966 SURFACE CASING: 855' of 8 5/8"
COMPLETED: Jan. 6, 1967 PRODUCTION CASING: none
DRILL STEM TESTS: (2) by Halliburton ELECTRIC LOGS: none

GEOLOGIC FORMATION TOPS

Anhydrite	846	7 952	Lansing-Kansas City	2967	- 1169
Topeka Lime	2688	- 890	Base of Kansas City	3218	- 1420
Heebner Shale	2913	- 1115	Conglomerate Chert	3236	- 1438
Toronto Lime	2932	- 1134	Arbuckle Dolomite	3257	- 1459
			Rotary Total Depth	3266	- 1468

STRUCTURE:

For all practical purposes, the #2 Olson ran flat with the #1 Olson (one location South) and Jay Bee's producer, (one location North), on top of the Lansing-Kansas City. On top of the Arbuckle Dolomite; the #2 Olson ran 27 feet lower than the #1 Olson, and 29 feet lower than the Jay Bee producer.

RECOMMENDATIONS:

Two drill stem tests were taken, covering zones that appear to have some value. A small amount of oil cut mud, and gas was recovered on test #1; but this test alone could not be considered to be commercial. Test #2 recovered only water. These tests covered zones in the Lansing-Kansas City. No test was taken in the Arbuckle Formation, due to the low structural position. At that subsea datum (-1459) one could expect water. Because of the low structural position of the Arbuckle, and the lack of commercial oil in the Lansing-Kansas City, it was recommended that the #2 Olson be plugged and abandoned as a dry hole.

SAMPLE DESCRIPTIONS: Zones of interest

TOPEKA LIME:

- 2688-2698: Ls; buff, light gray, crystalline, slight sucrosic, with spotty light and dark oil stain. Slight show of free oil and faint odor. Mostly dense. Not commercial.
- 2712-2716: Ls; buff, gray, crystalline, dense, with trace of dark oil stain, and slight pin-point porosity. No free oil or odor. Not commercial.
- 2870-2885: Ls; buff, light gray, crystalline, slight fossiliferous, and porous, with trace of light oil stain, and some spotty dark oil stain. Not commercial.

TORONTO LIME:

- 2932-2938: Ls; white, buff, fine crystalline and cherty, with rare light oil stain, and only slight porosity. No free oil or odor. Not commercial.

LANSING-KANSAS CITY:

- 2970-2979: Ls; buff, some light gray, crystalline, slight vuggy, slight cherty, with scattered light oil stain, poor to fair saturation, very slight show of free oil, and good odor. Slight porosity. Open on DST #1.
- 2992-2996: Ls; white, buff, some light gray, crystalline, oolitic, and slight fossiliferous, with fair oil staining, saturation, and porosity. Fair show of free oil and odor. Open on DST #1.

DRILL STEM TEST #1: 2970-3003:

Initial Flow Time: 15 min. with fair blow
 Final Flow Time: 45 min. with good blow
 Recovered: 180' of gas
 30' of slight oil and gas cut mud
 80' of muddy water, with slight oil cut
 Initial BHP: 509 psi in 30 min.
 Final BHP: 465 psi in 30 min.
 Flow Pressures: 35 to 71 psi

- 3009-3013: Ls; white, buff, oolitic, fossiliferous, with good porosity. Scattered light oil stain, very slight show of free oil and possible faint odor. Abundant barren porosity. Would be water bearing.
- 3051-3056: Ls; Tan, crystalline, vuggy, trace of oolitic lime. Cherty. Faint trace of oil stain, no free oil or odor. Good porosity. Would be water bearing.
- 3064-3070: Ls; white, oolitic and oolitic, and barren porosity. No oil staining.
- 3108-3112: Ls; buff, light gray, crystalline, slight oolitic, and slight cherty. Faint trace of light stain. Fair porosity. No free oil or odor. Would be water bearing.

15-167-30300-00-00

samples, cont.

3124-3128: Ls; buff, crystalline, fossiliferous, with scattered oil stain, slight show of free oil, but no odor. Open on DST #2.

3146-3155: Ls; white, buff, fine crystalline, fine oolitic, and fossiliferous, with fair oil stain-saturation, show of free oil and good odor. Good porosity. Open on DST #2.

DRILL STEM TEST #2: 3120 to 3179:

Initial Flow Time: 15 minutes, with good blow

Final Flow Time: 45 minutes, with good blow

Recovered: 120 feet of muddy water

Initial BHP: 911 psi in 30 min.

Final BHP: 831 psi in 30 min.

Flow Pressures: 42 to 107 psi

3184-3190: Ls; buff, tan, crystalline, some chalky, trace of oolitic lime, with faint trace of oil stain, no free oil or odor. Poor porosity. Not commercial.

CONGLOMERATE:

3236-3252: Primarily soft red shales, and red-tan chert. No show of oil.

3252-3257: Abundant vitreous and oolitic chert. Some glassy quartz sand. Trace of sucrosic dolomite. Trace of dead oil stain. (This interval may be weathered Arbuckle).

ARBUCKLE DOLOMITE:

3257-3266: Dol; white, buff, fine crystalline, slight sucrosic, mostly dense, with scattered dark, spotty oil stain, very slight show of free oil, no odor. Slight vuggy porosity. White dolomite increasing with depth. Not commercial.

The #2 Olson was under my geological supervision from 2670 to 3266, R.T.D. Samples were examined from 2600 to total depth. Zones that appeared to have some merit were tested by drill stem test. It is my conclusion that the #2 Olson would not have made a commercial well.

Respectfully submitted;

Francis Whisler

Francis Whisler

15-167-30300-00-00

DRILLING TIME:

2600 to 2650: 1 1 1/2 1/2 1 1/2 1/2 1/2 1/2 1 1 1 1/2 1/2 1 1 1 1 1/2 1/2 1 1 1/2 1/2
1/2 1/2 1 2 3 2 2 2 3 2 1 2 3 2 2 3 2 2 2 2 2 2 2 1 2 1

2650-2700: 1 2 3 3 4 3 3 2 2 3 2 2 3 2 4 4 4 3 4 4 3 4 4 4 2
2 1 2 1 1 1 2 1 1 1 2 1 1 3 3 4 4 4 4 5 2 4 4 3 3

2700-2750: 4 3 5 5 5 2 2 1 2 2 3 4 3 3 4 3 4 5 5 5 4 3 5 5 5
4 4 3 4 5 5 5 5 4 4 4 4 4 5 5 5 5 5 5 4 6 6 5 5

2750-2800: 5 6 4 7 7 4 4 4 3 4 4 5 3 4 4 4 4 3 4 4 4 3 3 6 8 New bit @ 2755
8 5 3 4 5 6 5 5 5 6 5 6 8 7 10 10 11 6 7 12 11 11 11 10 12

2800-2850: 10 9 8 8 7 10 9 9 6 7 6 7 6 4 5 7 6 6 7 5 4 3 3 3 5
6 8 7 6 6 7 7 4 3 3 7 8 6 5 4 4 5 7 8 6 8 7 4 6 6

2850-2900: 4 5 5 5 6 6 6 6 6 7 7 6 6 4 1 1 3 5 6 4 5 5 5 5
6 6 6 4 5 4 4 4 4 4 6 6 6 5 5 5 5 6 7 8 8 7 8 7 7

2900-2950: 7 7 6 8 7 9 9 8 8 7 8 8 6 3 3 2 6 10 10 9 5 3 3 3 4
4 4 4 5 4 4 3 5 5 7 10 10 5 4 6 5 3 5 5 5 4 2 2 4 3 New bit @ 2937

2950-3000: 1 2 2 1 2 2 1 2 1 1 2 1 2 1 1 1 2 3 4 4 3 4 5 4 4
3 4 3 3 4 4 4 4 3 3 3 3 3 2 2 3 4 3 2 3 5 8 7 5 5

3000-3050: 7 6 5 5 4 2 5 3 4 3 2 3 4 5 6 6 7 6 7 7 7 7 7 6
7 7 7 7 8 7 5 5 5 5 7 7 6 5 3 4 7 9 8 8 8 5 4 7 8

3050-3100: 8 5 6 3 3 6 7 10 10 10 10 10 10 6 2 4 4 2 2 3 7 8 9 9 10
12 10 10 7 7 8 8 8 6 8 9 5 9 8 11 10 11 12 11 11 12 10 10 7 6

3100-3150: 11 11 5 5 5 6 6 7 6 6 5 6 8 12 12 12 11 7 15 14 11 7 9 9 7
6 7 4 7 8 6 6 5 6 5 5 5 5 4 2 3 5 5 5 5 6 4 4 3 3 New bit @ 3130

3150-3200: 4 4 2 2 3 5 4 5 5 5 6 6 5 6 6 5 5 2 4 4 3 4 4 3 5
2 2 3 4 4 4 8 8 9 7 8 8 7 7 6 8 7 7 9 11 11 7 3 5 5

3200-3250: 4 3 5 4 3 4 4 4 5 5 5 5 5 7 8 8 6 5 4 4 4 5 4 4 4
4 6 5 5 5 3 5 9 9 6 7 5 5 4 4 4 4 2 3 2 4 3 3 4 3

3250-3266: 3 4 5 6 6 4 4 9 10 11 8 10 9 10 7 12