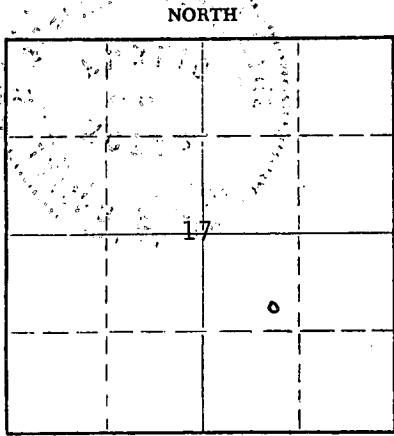


STATE OF KANSAS
STATE CORPORATION COMMISSION

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



Locate well correctly on above
Section Plat

Graham County. Sec. 17 Twp. 9S Rge. (E) 23 (W)
Location as "NE/CNW/SW" or footage from lines 1650' FSL & 1650' FEL
Lease Owner Cities Service Oil Company
Lease Name Evergreen NW L-KC Unit Well No. 102W
Office Address Box 553 Russell, Kansas 67665
Character of Well (completed as Oil, Gas or Dry Hole) Oil - Recomp. Wtr. Input
Date well completed 2-28 19 57
Application for plugging filed 8-27 19 69
Application for plugging approved 8-28 19 69
Plugging commenced 10-2 19 69
Plugging completed 10-3 19 69
Reason for abandonment of well or producing formation
Tubing parted W/packer - junked hole
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 W. L. Nichols
Producing formation Lansing-Kansas City Depth to top 3697' Bottom 3894' Total Depth of Well 3945 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"	185'	None
				5 1/2"	3825'	952'

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.

Shot off casing at 960', pulled 29 joints of casing. Pumped down 8 5/8" casing filling hole as follows:
Pumped 5 sx. hulls, 12 sx. gel, 90 sx. 50/50 Pozmix plus 2% gel, 15 Sx. Gel, 30 Sx. Cement, 3 Sx. Gel, 10 Sx. Cement. Max. press. 350#
Shut in with 150#. 8 5/8" casing filled to bottom of cellar
Job Complete 11 A.M. 10/3/69

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(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Knight Casing Pulling Co., Inc.
Address Chase, Kansas

STATE OF Kansas, COUNTY OF Russell, ss.
E. W. Peterman (employee of owner) or (owner or operator) 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) E. W. Peterman

Box 553 Russell, Kansas 67665

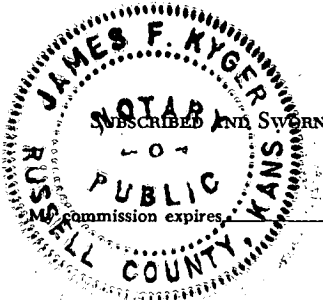
(Address)

Subscribed and Sworn to before me this 9th day of October, 19 69

James F. Kyger

Notary Public.

10-5-72



~~CITY SERVICE OIL COMPANY~~
~~IMPERIAL OIL~~ ~~KANSAS, INC.~~
Well Completion Report

~~EVERGREEN NW 1/4 SEC UNIT~~
~~Robinson~~ Lease. Well No. ~~4411-2~~
Loc. ~~SE 1/4 SE~~ Sec. 17 Twp. 9S Rgc. 23W
County Graham State Kansas
Pool Evergreen N. W.

Spud Date 2-5-57
Rotary Completed 2-15-57
Completion Date 2-28-57
Potential 287 BOPD
Gravity 40.8
R. T. D. 3925

Surface casing set at (8 5/8) 185 with 150 sacks
Production casing set at (5 1/2) 3825 with 125 Sacks

Formation Tops: 2380 RB
Elevation:

Anhydrite
Heebner
Toronto
Lansing

Sample
1998 (/382)
3656 (-1276)
3683 (-1303)
3697 (-1317)

Electric Log Produced To
Yes Jan. 1958
Jan. 1959
Jan. 1960
Jan. 1961
Jan. 1962
Jan. 1963
Jan. 1964
Jan. 1965
Jan. 1966
Jan. 1967
Jan. 1968

PRODUCING AND PROSPECTIVE PRODUCING ZONES

Formation	Depth	Feet	Remarks	Estimated Reserves
Lansing				
50' Z	3720-44	4		
160' Z P.	3852-54	3	Open	5,940
200' Z P.	3887-91	7	Plug at 3868 (tested 14 BOPH)	
35' Z P.	3732-35			

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Completion Date: 2-23-57
Moved in; rigged up. Swabbed hole down.
Drilled staging collar.

2-26-57 con't

Set Halliburton plug at 3868. Perforated (160' zone) from 3852-54 using 6 bullets / 8 jets. Swabbed 3 BOPH natural for 4 hrs. Treated with 500 gal. reg. acid. Highest pressure 250#. Pressure drop from 250# to 0# in 3 min.

2-24-57
Ran Halliburton log to TD of 3907. Perforated (200' zone) from 3887-91 using 12 bullets / 16 Jets. Swab test showed 9 BOPH natural. Treated with 500 gal. reg. acid. Highest pressure 150#. Pressure dropped to 0# in 3 min.

2-27-57

8 hr. swab test pulling swab 2 times per hr. 6 BOPH. Treated with 1500 gal. reg. acid. Highest pressure 425#. Pressure dropped from 425# to 200# in 3 min. Feeding pressure 10 gal. per min. Overflushed well with 8 bbl. Swabbed well down.

2-25-57

8 hr. swab test off bottom showed 20 BOPH - NW. Retreated with 2000 gal. Jel-B / 1500 gal. reg. acid. Had 1500 gal. reg. acid in formation before hitting pressure. Highest pressure 250#. Pressure dropped to 50# in 3 min. Feeding pressure 1 1/2 bbl. acid per min. Gravity before acid 32.5 @ 66. Let well set 10 hrs.

2-28-57

12 hr. swab test showed 6.75 BOPH. Ran tubing and rods. Tore down; moved out. Gravity 39.8 @ 50

4-13-57

Retreated with 3500 gal. Jel-B. Highest pressure 750#. Input 82 gal. per min. Pressure drop from 750# to 550# in 3 min.

2-26-57

Swabbed well down. Swab test 500' off bottom showed 14 BOPH for 8 hrs. No water.

5-23-57

Bbl. test 98 BOPH / 46 BWPD - not pounding.

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EVERGREEN NW L-KC UNIT

Robinson "A"

Well No. 2

Graham

Kansas

SE NE SE
NW

Sec. 17 Twp. 9S Rge. 23W

Evergreen, NW

7-24-57: Ran tubing with packer set at 3825. Vis-squeezed with 75 sacks. Highest pressure 1400#. Standing pressure 900#.

7-25-57: Pulled tubing with packer. Put on pump.

7-29-57: After 4 days of pumping well making 152 BFPD -- 12 BOPD.

7-30-57: Moved in; pulled tubing and rods.

7-31-57: 8 hr. swab test well making 6 BWPH with scum of oil. Vis-squeezed down 5½" with 100 sacks. Highest pressure 1100#. Standing pressure 900#. Left 30' of cement in pipe. Shut well in. Tore unit down; moved out.

8-7-57: Moved in; cleaned hole up. Ran tubing and rods. Moved out.

9-24-57: Moved in; rigged up. Pulled tubing & rods.

9-25-57: Cleaned out to TD of 3860. Perf. 160'Z w/12 holes from 3852-54. Dumping acid on formation receiving 6 GFPH 50% wtr.

9-26-57: Treated w/250 gal. Jel-W. Highest pressure 100#. Feeding pressure 10 gal. per min. Pressure dropped to 0# in 3 min.

9-27-57: 12 hr. swab test 1 BFPH 25% wtr. Tore down; moved out.

10-10-57: Barrel test 24 BOPD / 3 BWPD.

3-15-59: Moved in Franks #2. Pulled rods and tbgs. SHD. Drlg. out bridge plug at 3860. Cleaned out to TD 3903. Tested 21 BOPH off bottom 30 gravity. Ran tbgs w/Baker Model "A" packer set at 3872. Ran rods put well on pump.

IMPERIAL EVERGREEN NW L-KC UNIT:

3-2-64: Moved in Shirk Well Servicing Unit; ran tubing with packer to test for Dakota leak. Casing tested O.K.; perf. 35' zone 3731-32, 4 JPF; lost perf. gun in hole. Moved in Franks Unit no 2 to fish for gun.

3-6-64: Attempted to fish out gun but unable to descend; ran sand pump to CO 35' of iron sulfide scale; fished out Lane-Wells gun; CO iron sulfide scale to TD 3907'. Ran tubing with straddle packers to treat 35' zone; acidized with 100 gals. Reg. acid; MP 1000#; unable to displace acid in 6 hrs. Let acid set overnite @ 750# with no displacement! Swabbed back acid.

3-10-64: Retreated 35' zone with 100 gals. Reg. acid; MP 900#; pressure gradually broke back to 100#; input rate 1.5 BPM; annulus OV during treatment. Ran tracer survey - found well not channeled. Pulled tubing with straddle packers; ran tubing with Halliburton retr. plug & packer; set retr. plug @ 3690'; located holes in casing 3230' to 3510'. Squeezed with 250 sax cement; displaced all of cement OV; resqueezed with 100 sax common; displaced 75 sax at standing pressure of 1500#. Pulled 10 joints tubing; left 500# pressure on squeeze for 12 hrs. Pulled tubing with packer; ran tubing with bit; drld. out 280' cement; circulated mud off retr. plug; tested squeeze, held O.K. Pulled tubing with bit. Ran tubing with retr. head; pulled retr. plug; checked TD 3894' with wire line; ran tubing with straddle packers to blank off 160' zone & inject wtr. into 200' zone thru tubing & 35' zone down annulus. Unable to get bottom packer below 160' zone; pulled tubing to check casing.

3-16-64: Ran swage; unable to get thru casing; ran casing scraper to bottom of hole to clean cement off casing walls. Ran sand pump; CO hole to TD 3896'. Ran tubing with straddle packers to blank off 160' zone and inject wtr. down tubing into 200' zone below packer & down annulus into 35' zone.

3-20-64: Acidized 200' zone down tubing with 500 gals. Reg. acid; MP 850#; input rate 1 BPM, no break in pressure; 3 min. PD 100#; 10 min. PD 200#. Connected well to resume injection of water.

EVERGREEN NW L-KC UNIT 102 W.
~~Robinson~~ Well No. ~~2~~
SE ~~NE~~ SE Sec. 17-9S-23W
NW

Graham County, Kansas
Evergreen NW Pool

IMPERIAL EVERGREEN NW L-KC UNIT:

4-14-64: Moved in Shirk Well Servicing unit; pulled tubing with straddle packers. Reperf. 35' zone 3732-35', 4 JPT. Checked PSTD @ 3892-1/2'; ran tubing with straddle packers to straddle 35' zone only. Started injection of water - unable to pump into @ 500#; pressured up to 950#; pressure broke back to 500#. Commenced injection of water into 35' zone 4-13-64.

MARCH 1967 - FIBERGLASS TO INJECT INTO B I K ZONES

15-065-02821-0000

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GEOLOGICAL REPORT

~~EVERGREEN A.W.L. UNIT No. 102W~~
Robinson "A" 2

NW Robinson A 2
SE ~~SE~~ SE Sec. 17-9S-23W

Graham County, Kansas

15-065-02821-0000

GEOLOGICAL REPORT

Company: ~~Imperial Oil of Kansas, Inc.~~
 Farm: ~~Robinson "A" 2- EVERGREEN NW 1/4 Sec. 17-9S-23W~~
 Contractor: Imperial Oil of Kansas, Inc.
 Pool: Evergreen

SE NW SE Sec. 17-9S-23W
 Graham County, Kansas
 Elevation: 2380 K. B.
 Rotary Total Depth: 3925

Rotary Completed: 2-14-57

Geological Data:

Samples were examined from 3500 to Rotary Total Depth.

Formation Tops

Anhydrite	1998 (/392)
Heebner	3656 (-1276)
Toronto	3683 (-1303)
Lansing	3700 (-1320)
Rotary Total Depth	3925

Porosity and shows of oil

Toronto 3683
 3683-86 White to light gray fine crystalline slightly fossiliferous cherty chalky dense limestone. No shows. Poor to very poor porosity. No value.

Lansing 3700
 3700-06 (Top zone) White fine crystalline slightly oolitic dense limestone. No shows. Poor porosity. No value.

3730-33 (35' zone) White to cream fossiliferous cherty dense limestone. Trace of watery stain with a trace of fair stain at base. Fair fossiliferous porosity. No value.

D.S.T. #1 3719-37 Open 1 hour. Recovered 325' salt water. BHP 1150#.

3742-45 (50' zone) Cream to gray fine crystalline chalky limestone. Trace of light staining. Fair to poor porosity. No value.

3771-75 (90' zone) Cream fine crystalline slightly cherty limestone. Very spotty show of free oil. Poor stain. Fair porosity. Trace of oocastic porosity. No value.

3784-89 (100' zone) White fine crystalline dense limestone. No shows. Scattered fair porosity. Mostly poor porosity. No value.

3832-34 (140' zone) Cream fine crystalline fossiliferous limestone. Trace of free oil. Poor spotty stain. Fair to poor porosity. No value.

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15-065-02821-0000

~~EVERGREEN NW 1/4 Sec 17 T10N R10W~~
~~Robinson NW 2~~

Geological Report

-2-

D.S.T. #2 3820-40 Open 1 hour. Recovered 10' mud. BHP 0#.

3849-54 (160' zone) Cream fine crystalline dense coarse fossiliferous limestone. Show of free oil. Good fossiliferous porosity. Should be perforated.

D.S.T. #3 3840-60 Open $\frac{1}{2}$ hour. Recovered 2000' gas, 320' oil. BHP 975#.

3869-72 (180' zone) Cream dense limestone. Trace of stain. Very poor porosity. No value.

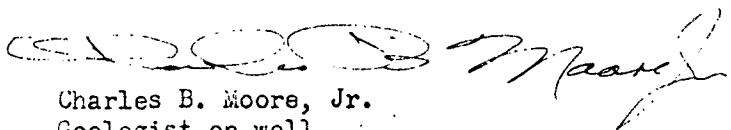
3890-94 (200' zone) White to cream dense fine crystalline limestone. Fair show of dark free oil. Fair porosity. Zone should be perforated.

D.S.T. #4 3883-3908 Open 1 hour. Recovered 2800' gas, 1200' oil. BHP 1150#.

Rotary Total Depth 3925.

5 $\frac{1}{2}$ " casing cemented at 3925 on 2-14-57.

IMPERIAL OIL OF KANSAS, INC.


Charles B. Moore, Jr.
Geologist on well

ama

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