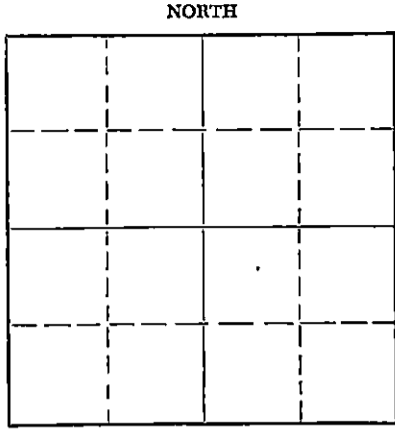


STATE OF KANSAS
STATE CORPORATION COMMISSION

Give All Information Completely
*Make Required Affidavit

Mail or Deliver Report to:
Conservation Division
State Corporation Commission
800 Bittling Building
Wichita, Kansas

WELL PLUGGING RECORD



Locate well correctly on above
Section Plat

Pratt County. Sec. 13 Twp. 27S Rge. 13 (E) (W)
Location as "NE/CNW/SW" or footage from lines NWC NE
Lease Owner The El Dorado Refining Company
Lease Name Luders Well No. 3
Office Address Box 209 - Russell, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed 9-10 1953
Application for plugging filed 12-8 1955
Application for plugging approved 12-9 1955
Plugging commenced 12-17 1955
Plugging completed 12-31 1955
Reason for abandonment of well or producing formation Insufficient Production

If a producing well is abandoned, date of last production 12-1 1955
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 Mr. M. A. Rives-Box 8, Pratt, Kansas
Producing formation Simpson Sand Depth to top 4337 Bottom 4360 Total Depth of Well 4360 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"	513'	none
				5 1/2"	1360'	3152.55'

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.

Filled hole with sand to 4275' Ran 5 sacks of cement at 4275'
Mudded to 300' Set rock bridge to 290' Ran 20 sacks of cement
at 290' Mudded to 35'. Set rock bridge to 30' Run 10 sacks
cement to cap.

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

Name of Plugging Contractor C. E. Shull Casing Pulling Company
Address Box 558 - Great Bend, Kansas

STATE OF KANSAS, COUNTY OF RUSSELL, ss.
LEVI B. SHERMAN (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) Levi B. Sherman
Box 209 - Russell, Kansas
(Address)

SUBSCRIBED AND SWORN to before me this 4th day of January, 1956

Carol J. Millhagen
Notary Public.

My commission expires 5 - 9 - 59

24-7366-5

RECEIVED
STATE CORPORATION COMMISSION
1-5-56
JAN 5 1956

CONSERVATION DIVISION
Wichita, Kansas

PLUGGING
FILE SEC 13 T 27 R 13 W
BOOK PAGE 23 LINE 6

STERLING DRILLING CO.

Sterling, Kansas

WELL LOG

--- LUDERS #3

LOCATION: NWC N E Section 13-27S-13W, Pratt, County, Kansas

OWNER: El Dorado Refining Company

ELEVATION: 1902

ROTARY DRILLING CONTRACTOR: Sterling Drilling Company

PRODUCTION: 231 BO & 10% wtr.

commenced: 8-24-53

completed: 9-10-52 (w/r)
(w.c.t.)

Total Depth: 4360' (w/r)
(w.c.t.)

LOG

0- 40 Clay
40- 80 Sand
80- 514 Red B d & Shale
514- 900 Red Bed & Salt
900-1675 Shale & Shells
1675-1940 Lime & Shale
1940-2390 Lime
2390-3705 Lime & Shale
3705-3835 Lime
3835-3900 Lime & Sand
3900-4035 Lime
4035-4135 Lime & Shale
4135-4180 Lime
4180-4215 Lime & Chert
4215-4255 Lime
4255-4355 Lime & Shale
4355-4360 Shale

CASING RECORD

Ran 513# of 8 5/8" Surface pipe. Cemented with 300 sacks of bulk cement.

Ran 4360' of 5 1/2" Casing, cemented with 75 sacks of bulk cement.

(Elec. log tops)

FORMATION TOPS

Heeb.	3548	Miss.	4170
Tor.	3562	Kind.	4187
Doug.	3585	Vio.	4219
Br. Ls.	3729	Sn.Sdy.Ls.	4280
Lans.	3745	Sdy. Dol.	4285
B/KC	4088	Sh.	4314
Cg.	4150	Sd.	4320
		B/Sn.Sd.	4337

Cored 4270-4320 Rec. 50'

Cored 4320-50 Rec. 30'

Eamed core hole & D D 4350 RTD

CO to 4337: PB 4327

Perf. (18) 4321-24: 2 1/2 BWP/6 hrs. PB 4316 w/12 G. plastic

perf. (76) 4296-4309 N.S. to 1,000 acid mud

Ran fixfrac ahead of sandfrac. 3 1/2 BFP/50% wtr. 15.84 BW & 6.16 BO/7 hrs.

1200' FIH o'nite (500' oil & 700' wtr) still lack 36 BO of load.

Sqz. Perf. 4296-4309. Sbg. down hole. Perf. (28) 4321-28 down N.S. frac. 1500 GO &

1500# sd. down 1100' FIH/12 hrs. 15.03 BF/1st hr. 11.70/2nd est. 60% wtr. Tstg.

3 BO & 4.13 BW/1st hr.; 3.75 BO & 3 BW/2nd: 3.75 & 2.25/3rd: 2.25 BO & 3.38 BW/4th:

2.25 & 3 BW/5th: 1.88 BO & 2.62 BW/6th, 7th & 8th hrs. 1400' FIH o'nite 16 BW &

6.68 BO/3hrs: 10.88 BO 2.25 BW/3hrs. Incr/gas. POP

PLUGGING

WELL SEC 13 Y 27 R 13W

WELL PAGE 23 LINE 6

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STATE DEPARTMENT

OPERATION DIVISION
MINING DEPARTMENT