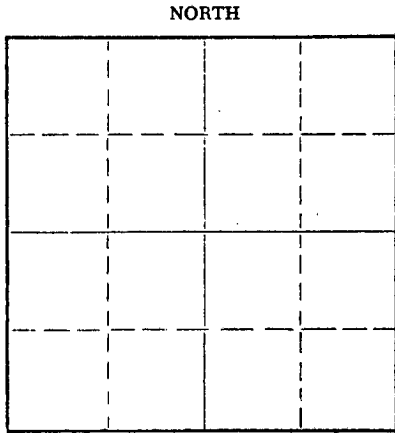


STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

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

Ellis County. Sec. 29 Twp. 12 Rge. (E) 20 (W)
Location as "NE/CNW/SW" or footage from lines SW SE SW
Lease Owner Sterling Drilling Company
Lease Name Groff Well No. 1
Office Address Sterling, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed 12-31 19 57
Application for plugging filed 2-21 19 58
Application for plugging approved 2-21 19 58
Plugging commenced 4-14 19 58
Plugging completed 4-16 19 58
Reason for abandonment of well or producing formation _____



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 Eldon Petty
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3917 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"	360'	
				5-1/2"	3916'	3426'

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.

Checked the hole to 3886' and found it open. Filled with sand to 3850' and ran 4 sacks of cement. Pulled casing to 600' and circulated with 38 sacks of gel mud and pumped in 20 sacks of cement. Pulled casing to 250' and pumped in 20 sacks of cement. Pulled rest of casing, cleared hole and set a 10' rock bridge at 30' and ran 10 sacks of cement to base of cellar.

RECEIVED
STATE CORPORATION COMMISSION
4-28-1958
APR 28 1958
CONSERVATION DIVISION
WICHITA, KANSAS

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

STATE OF KANSAS, COUNTY OF RICE, ss.
Rollin Mead (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) Rollin Mead
Rollin Mead
Sterling, Kansas (Address)

SUBSCRIBED AND SWORN TO before me this 21st day of April, 19 58

My commission expires My Commission Expires Jan. 22, 1962

Bernard Laudermilch
Notary Public
PLUGGING
FILE SEC 29 T 12 R 204
BOOK PAGE 84 LINE 31

STERLING DRILLING COMPANY
Sterling, Kansas

WELL LOG ----- -GROFF #1

Located: SW SE SW, Section 29-12S-20W, Ellis County, Kansas

OWNERS: Sterling Drilling Company, et al
ROTARY DRILLING CONTRACTOR: Sterling Drilling Company
CABLE TOOL CONTRACTOR: Sterling Drilling Company

COMMENCED: (r d) 12-7-57
(c t) 12-26-57

COMPLETED: (r d) 12-16-57
(c t) 12-31-57

ROTARY TOTAL DEPTH: 3917'

LOG

0 - 790	Shale
790 - 1570	Shale & Sand
1570 - 1610	Anhydrite
1610 - 1630	Red Bed
1630 - 2190	Shale
2190 - 3340	Lime & Shale
3340 - 3610	Lime
3610 - 3815	Lime & Shale
3815 - 3865	Lime & Sand
3865 - 3890	Sand & Conglomerate
3890 - 3917	A rbuckle T. D.

CASING RECORD

Set 8-5/8" surface casing @ 358'
with 225 sacks pozmix, 2% c.c.

Set 5-1/2" casing @ 3916' with
75 sacks cement.

CABLE TOOL INFORMATION: M. I. C. T. Swabbed and bailed hole back to plug back depth. Logged and tested 1 hour with bailer. Made 1 bbl. oil, tract of water. Perforated with 4 jets per foot. 345 feet oil in hole, 14 1/2 hour fill up, no water. Swabbed hole down. Rec. 7 1/2 bbls. oil. Acidized with 500 gal. M.C.A. Max. pressure 1950#. Swabbed well down. Got 5'4" in tank, lacked 167 bbls. getting seed back, plus 500 gal. acid. Bailed hole down, tested with bailer. 1 bbl. per hour. 370' fluid in hole. 35-40 gal. acid water. Bailed hole down. Fractured with 3500# sand and 3360 gal. heavy oil by Halliburton. Fluid down 160 feet from top ground. No sand in hole. Swabbing test on well. Rec. 105 bbls. Swabbing down. Bailed hole clean. 480 feet fluid. 70 feet water, 410 feet oil. Water has no salty taste. Swabbed hole. P. O. P.

4-25-1958

PLUGGING
FILE SEC 29T 12R20W
BOOK PAGE 84 LINE 31