

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

Pawnee County, Sec. 18 Twp. 20 Rge. 20 (E) (W)

Location as "NE/CNW%SW%" or footage from lines SW SW NE

Lease Owner Thunderbird Drilling Co., Inc.

Lease Name Steffen Well No. 1

Office Address 712 Union Center Bldg, Wichita, Kansas

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

Date well completed 19 59

Application for plugging filed February 3 19 59

Application for plugging approved February 3 19 59

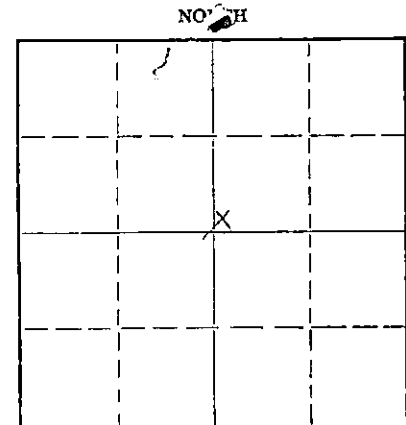
Plugging commenced February 7 19 59

Plugging completed February 13 19 59

Reason for abandonment of well or producing formation Dry

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



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well Frank Broadfoot

Producing formation Depth to top Bottom Total Depth of Well 4450 Feet

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

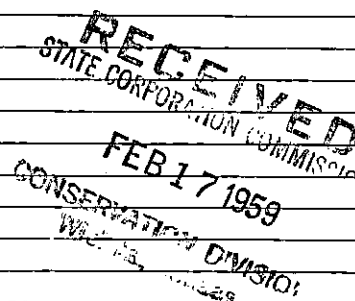
OIL, GAS OR WATER RECORDS

CASING RECORD

| FORMATION | CONTENT | FROM | TO | SIZE | PUT IN | PULLED OUT |
|-----------|---------|------|----|------|--------|------------|
|           |         |      |    |      |        |            |
|           |         |      |    |      |        |            |
|           |         |      |    |      |        |            |
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|           |         |      |    |      |        |            |

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.

Sanded back to 4365' run 5 sacks cement with dump bailer  
shot pipe at 3809' well back flowed filling pipe with mud to 2300'  
spotted 45 bbls oil, pumped plug to 3750'  
shot casing at 3595' 3/4" 11'  
mudded hole to 200' set 10' rock bridge. 8 sacks cement  
dumped 12 more sacks cement at 200'  
mudded hole to 40' set 10 rock bridge and 10 sacks cement to base of cellar



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

Name of Plugging Contractor Southwest Casing Pulling Co., Inc.

Address Box 364, Great Bend, Kansas

STATE OF Kansas, COUNTY OF Barton, ss. Southwest Casing Pulling Co., Inc. (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) Roy L. Myers - Sec. Treas.

February 16, 1959

(Address)

SUBSCRIBED AND SWORN TO before me this 16 day of February, 19 59

Juanita L. Myers Notary Public.

My commission expires December 18, 1962

PLUGGING  
FILE SEC 18 T. 20 R. 20W  
BOOK PAGE 19 LINE 19

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

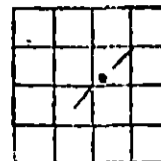
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Company L.C. SMITHERMAN OIL PRODUCER  
Farm Stoffen No. 1

SEC. 18 T. 20 R.20W  
SW SW NE

Total Depth. 4665'  
Comm. 5-25-56 Comp. 6-12-56  
Shot or Treated.  
Contractor. L.C. Smitherman Drlg. Co.  
Issued. 3-9-57

County Pawnee  
KANSAS



CASING:  
8 5/8" 203' w/175 sx cem.

Elevation. 2227' RB

Production. Dry

Figures indicate Bottom of Formations.

|                         |          |
|-------------------------|----------|
| surface clay-yellow     | 45       |
| shale w/lime shells     | 195      |
| lime                    | 203      |
| shale-shells            | 320      |
| shale-shells-red bed    | 871      |
| shale-red bed           | 1410     |
| shale-red bed w/lime    |          |
| strks                   | 1715     |
| shale                   | 1950     |
| shale-w/lime strks      | 2265     |
| lime w/shale brks       | 2300     |
| shale-lime              | 2380     |
| lime                    | 2490     |
| lime-shale              | 2644     |
| lime                    | 2700     |
| lime-shale              | 3129     |
| shale                   | 3252     |
| lime-shale              | 3512     |
| lime                    | 3613     |
| lime w/shale strks      | 3695     |
| lime-shale              | 3760     |
| lime-shale              | 3850     |
| lime                    | 4298     |
| shale                   | 4310     |
| sand-shale-lime         | 4372     |
| sand-chert(Mississippi) | 4380     |
| chert-lime              | 4430     |
| lime-Mississippi chert  | 4447     |
| Mississippi lime        | 4462     |
| lime-shale-chert        | 4525     |
| lime-chert              | 4569     |
| lime-chert w/strks,     |          |
| shale                   | 4600     |
| Arbuckle                | 4655     |
| lime                    | 4663 RTD |
| lime                    | 4665     |
| Total Depth             |          |
| TOPS: Scout             |          |
| Heebner                 | 3732     |
| Toronto                 | 3752     |
| Lansing                 | 3782     |
| Cherokee                | 4298     |
| Mississippi             | 4368     |
| Viola                   | 4516     |
| Arbuckle                | 4640     |