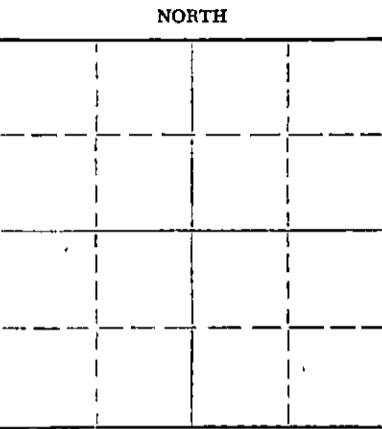


STATE OF KANSAS  
STATE CORPORATION COMMISSION

Form CP-4

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
212 No. Market  
Wichita, Kansas 67202

WELL PLUGGING RECORD



Locate well correctly on above  
Section Plat

Rice County. Sec. 5 Twp. 21 Rge. 6 W (E) (W)  
Location as "NE/CNWKSWK" or footage from lines 330' N / 990' E / S/4 Cor  
Lease Owner F. G. Holl  
Lease Name Engolland Well No. 2  
Office Address 6427 East Kelloe, Wichita, Kansas  
Character of Well (completed as Oil, Gas or Dry Hole) oil  
Date well completed 9-4 19 52  
Application for plugging filed 7-7 19 70  
Application for plugging approved 7-8 19 70  
Plugging commenced 7-13 19 70  
Plugging completed 7-15 19 70  
Reason for abandonment of well or producing formation \_\_\_\_\_

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 Gilbert Toman  
Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 3495' 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
				5 1/2"		2,438'

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.

Plugged off bottom of hole with sand. Sand from 3495' to 3450'. Dumped 5 sx of cement. Mudded hole to 240'. Made 10' of rock bridge. Dumped 25 sx of cement. Mudded hole to 40'. Made 10' of rock bridge. Dumped 10 sx of cement, filling to the bottom of the celler.

RECEIVED  
STATE CORPORATION COMMISSION  
JUL 20 1970  
CONSERVATION DIVISION  
Wichita, Kansas

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

Name of Plugging Contractor Art Lamb Casing Pulling Co.  
Address 2809 King St Hutchinson, Kansas 67501

STATE OF Kansas, COUNTY OF Leno, ss.  
Art Lamb (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) [Signature]  
2809 King St Hutchinson, K (Address)

SUBSCRIBED AND SWORN TO before me this 18th day of July, 19 70

My commission expires Jan 5, 1974  
[Signature] Notary Public.

**F. G. ROLL**  
847 E. HELGES  
WICHITA, KANSAS

Cities Service Oil Co. #2 Engelland  
330' N. & 990' E. of S/4 Cor. Sec. 5-21-6W  
Rice County, Kansas

Drilling Commenced: August 18, 1952  
Drilling Completed: September 4, 1952

Elevation: 1669 (1667 Gr.)  
Contractor: J. W. Braden Drilling Company

Circulated for rotary samples at the following depths:

1 1/2 hrs. at 3400	1 1/2 hrs. at 3470
1 1/2 hrs. at 3410	1 1/2 hrs. at 3475
1 1/2 hrs. at 3445	1 1/2 hrs. at 3480
1 1/2 hrs. at 3460	1 1/2 hrs. at 3485

**RECEIVED**  
STATE CORPORATION COMMISSION  
JUL 8 1970  
CONSERVATION DIVISION  
Wichita, Kansas

The following data are from samples, drilling time and drilling action:

Top Lansing 2920

- 2969-75 Limestone, moderately soft, finely crystalline to granular, fossiliferous, slightly cherty, poor to fair porosity, no staining.
- 2976-80 Ditto.
- 3003-10 Ditto.
- 3010-17 Limestone, moderately soft, finely crystalline, fossiliferous and oolitic, 15% having fair porosity with very light staining.
- 3038-53 Limestone, soft, finely crystalline, oolitic, good porosity with trace light staining.
- 3061-69 Ditto.
- 3099-3118 Ditto.
- 3195-3208 Ditto.

*Send copy to Ray  
5/27/68*

Top Cherty Conglomerate 3465

- 3465-75 Chert, multi-colored, red predominating; some chert, mottled, red and yellow-orange; some chert, dark red, jasperoid; no staining, no odor in wet samples.

Top Mississippian 3475

- 3475-85 Chert, white, banded, no porosity; chert, tripolitic, granular, white to dark cream-gray, poor porosity with trace of light staining to light, spotted saturation; no odor in wet sample.

Rotary total depth 3485. 5 1/2" casing cemented at 3476 with 150 sacks.

Drill-In - Sept. 3, 1952

Drilled casing shoe, cleaned out to bottom rotary hole, and made 1' new hole at 8:05 P. M., good show oil at 8:20 P. M.

3485 Rotary T. D. = 3483 S. L. M. Corrections: Lansing 2918 (-1249); Cherty Conglomerate 3463 (-1794); Mississippi 3473 (-1804); 5 1/2" casing at 3474.

- 3483-84 Chert, tripolitic, granular, gray to white, poor porosity with good spotted stain to light spotted saturation.  
30' oil in 35 mins. at 8:55 P. M.  
52' oil in 2 hrs. 35 mins., at 10:55 P. M. (fillup 22' in 2 hrs.)

- 3484-87 Chert, white to cream-gray, tripolitic, granular, poor porosity, 35% with light saturation.
- 3487-91 Chert, cream-gray, tripolitic, granular, poor to fair porosity, 50% having fair saturation; bailed 4½ bailers muddy oil.
- 3491-95 Chert, white to gray, tripolitic, granular, poor porosity, light stain to light spotted saturation, 75%; chert, white, bony, and chert, glassy, quartzitic, no porosity, no stain, 25%.

47' oil in hole at 4:20 A. M., Sept. 4, 1952, after removing 6 bailers muddy oil. 115' oil at 6:00 A. M. (fillup 68' in 1 hr. 40 mins.)

Total depth 3495. Mississippi Pen. 22'.

Sept. 4, 1952 - Sand-frac with 2000# sand and 231 bbls. oil in 30 mins., treating pressure 3000-2400#.

Sept. 5, 1952 - Pumped 156 oil, no water, 17 hrs., no new oil.

Sept. 6, 1952 - Pumped 83 oil, 34 water, 24 hrs., 8 bbls. new oil.

Sept. 7, 1952 - Pumped 74 oil, 24 water, 24 hrs.; unprorated, completed for this test.

John L. Fosness  
John L. Fosness

JLF-RLM:EH