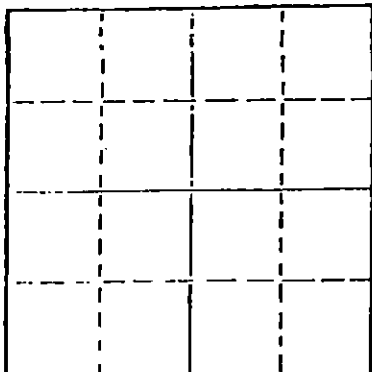


STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202



Locate well correctly on above
Section Plat

Stafford County, Sec. 29 Twp. 22 Rge. 11 E/W
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines
SW SW SW

Lease Owner Energy Reserve Group, Inc.
Lease Name P. Spangenberg #1 Well No.
Office Address Great Bend, Kansas 67530
Character of Well (Completed as Oil, Gas or Dry Hole)

Date Well completed 19
Application for plugging filed 19
Application for plugging approved 19
Plugging commenced 3/15/77 19
Plugging completed 3/16/77 19
Reason for abandonment of well or producing formation
depleted.

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 Metz
Producing formation Depth to top Bottom Total Depth of Well 3580
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 |
|-----------|---------|------|----|------|--------|------------|
| | | | | 13" | 234 | none |
| | | | | 6" | 3560 | none |
| | | | | | | |
| | | | | | | |

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 hold. If cement or other
plugs were used, state the character of same and depth placed, from feet to
feet for each plug set.

Found 6" casing squeezed to base of cellar. Checked hole and found top of
fluid at 548', set 23' rock bridge from 548 to 525', filled 6" casing with 5 yards
ready mix from 525 to base of cellar.

PLUGGING COMPLETE.

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STATE CORPORATION COMMISSION

MAR 21 1977

3-21-77

CONSERVATION DIVISION
Wichita, Kansas

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

Name of Plugging Contractor KELSO CASING PULLING
CHASE, KANSAS

STATE OF KANSAS COUNTY OF RICE, ss.
R. DARRELL KELSO (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)

CHASE, KANSAS

(Address)

SUBSCRIBED AND SWORN TO before me this 17th day of March, 19 77



My commission expires

Notary Public.

STANOLIND OIL AND GAS COMPANY WELL RECORD

| | | | | | |
|---|----------------|--|----|--|-----|
| | | | | | |
| | 160 | | | | 160 |
| | | | | | |
| | | | 29 | | |
| | | | | | |
| | Spangenberg #1 | | | | |
| | | | | | |
| | 160 | | | | 160 |
| 0 | | | | | |

**T
22
S**

COUNTY Stafford, SEC. 29, TWP. 22-S, RGE. 11-W
COMPANY OPERATING Stanolind Oil And Gas Company
OFFICE ADDRESS P. O. Box 591, Tulsa, Oklahoma.
FARM NAME Paul R. Spangenberg WELL NO. 1
DRILLING STARTED 3/8 1937, DRILLING FINISHED 4/6 1937
WELL LOCATED SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ 330 ft. North of South
Line and 330 ft. East of West Line of Quarter Section.
ELEVATION (Relative to sea level) DERRICK FLR. 1831 GROUND 1828
CHARACTER OF WELL (Oil, gas or dry hole) Oil

| OIL OR GAS SANDS OR ZONES | | | | | |
|---------------------------|------|------|------|------|----|
| Name | From | To | Name | From | To |
| 1. Siliceous Lime | 3559 | 3580 | 4 | | |
| 2 | | | 5 | | |
| 3 | | | 6 | | |

| WATER SANDS | | | | | | | |
|-------------|------|----|-------------|------|------|----|-------------|
| Name | From | To | Water Level | Name | From | To | Water Level |
| 1 | | | | 4 | | | |
| 2 | | | | 5 | | | |
| 3 | | | | 6 | | | |

[illegible]

Inner Record: Amount _____ Kind _____ Top _____ Bottom _____

[illegible]

NOTE: What method was used to protect sands when outer strings were pulled?

NOTE: Were bottom hole plugs used?_____ If so, state kind, depth set and results obtained

TOOLS USED

Rotary tools were used from 0 feet to 3563 feet, and from feet to feet.

Cable tools were used from 3563 feet to 3580 feet, and from feet to feet.

Type Rig 94" API Painted Steel Derrick

PRODUCTION DATA

Swabbed 35 bbls per hour through 7" casing before acidizing.

Production first 24 hours _____ bbls, Gravity _____, Emulsion _____ per cent, Water _____ per cent

Pumped 1553 bbls in 24 hours through 3" casing on state potential.

Production second 24 hours _____ bbls, Gravity _____, Emulsion _____ per cent, Water _____ per cent

If gas well, cubic feet per 24 hours _____ Rock Pressure, lbs. per square inch. _____

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

NAME: H. G. Nething
Name and Title

Subscribed and sworn to before me this the _____ day of _____

My commission expires

Notary Public

FORMATION RECORD

Give detailed description and thickness of all formations drilled through and contents of sand, whether dry, water, oil or gas.

| Formation | Top | Bottom | Formation | Top | Bottom |
|-----------------------------|---------|--------|-----------|-----|--------|
| Sand & Gravel | 0 | 102 | | | |
| Clay Shale & Sand | 102 | 145 | | | |
| Shale & Shells | 145 | 185 | | | |
| Red Rock | 185 | 569 | | | |
| Anhydrite | 569 | 584 | | | |
| Red Rock & Blue Shale | 584 | 662 | | | |
| Shale & Lime Shells | 662 | 1066 | | | |
| Salt & Shale | 1066 | 1215 | | | |
| Shale & Shells | 1215 | 1429 | | | |
| Lime | 1429 | 1595 | | | |
| Shale & Lime Shells | 1595 | 1841 | | | |
| Lime | 1841 | 1871 | | | |
| Shale & Lime Shells | 1871 | 1934 | | | |
| Broken Lime & Shale | 1934 | 1996 | | | |
| Broken Lime | 1996 | 2045 | | | |
| Broken Lime & Shale | 2045 | 2424 | | | |
| Broken Lime | 2424 | 2600 | | | |
| Shale & Lime | 2600 | 2676 | | | |
| Broken Lime & Shale | 2676 | 2852 | | | |
| Broken Lime | 2852 | 2902 | | | |
| Shale & Lime Shells | 2902 | 2915 | | | |
| Lime | 2915 | 3055 | | | |
| Broken Lime | 3055 | 3118 | | | |
| Broken Lime & Shale | 3118 | 3237 | | | |
| Broken Lime | 3237 | 3278 | | | |
| Shale | 3278 | 3290 | | | |
| Lime | 3290 | 3322 | | | |
| Broken Lime | 3322 | 3387 | | | |
| Shale & Lime | 3387 | 3437 | | | |
| Broken Lime & Shale | 3437 | 3550 | | | |
| CORING RECORD | | | | | |
| Shale, Green & Snady | 3550 | 3559 | | | |
| Top Siliceous | | 3559 | | | |
| Dolomite, Chert & Pyritis | 3559 | 3560 | | | |
| Dolomite, Slightly porous- | 3560 | 3563 | | | |
| with oil show | | | | | |
| Lime, Hard, small show of | | | | | |
| oil | 3563 | 3570 | | | |
| Lime Oil Showing in streaks | 3570 | 3575 | | | |
| Lime very hard | 3575 | 3580 | | | |
| TOTAL DEPTH | | 3580 | | | |
| Date of first work | 3/2/37 | | | | |
| Date drilling commenced | 3/8/37 | | | | |
| Date completed | 4/6/37 | | | | |
| Date put on Production | 4/11/37 | | | | |
| Date potential effective | 4/13/37 | | | | |
| Acidized with 2000 gals. | 4/8/37 | | | | |
| Dowell XX | | | | | |

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CONCRETE DIVISION
WICHITA, KANSAS
DEC 13 1973