

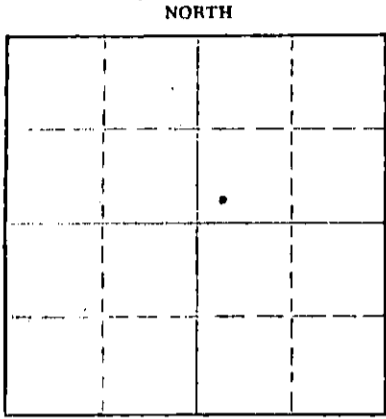
15-185-61031-00-01

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

Stafford County, Sec. 4 Twp. 23S Rge. (E) 12 (W)

Location as "NE/CNW&SW" or footage from lines SW SW NE
Lease Owner E. H. Riggs
Lease Name Spangenberg Well No. 1
Office Address Union National Bank Bldg., Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) oil
Date well completed 19
Application for plugging filed November 19 1964
Application for plugging approved 19
Plugging commenced November 23 1964
Plugging completed December 1 1964
Reason for abandonment of well or producing formation depleted



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 Archie V. Elving
Producing formation: Depth to top: Bottom: Total Depth of Well 3750 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
		0	244'	8 5/8"	244'	none
		0	3739	5 1/2"	3739	1820.93

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.

Pushed plug to 3550', set 10' rock bridge and dumped 5 sacks of cement.
Pushed plug to 240'; set 10' rock bridge. Mixed 2 sacks of cement and 10 lbs. of calcium chloride and dumped at 230'. Let set 3 hours. Bailed hole down and dumped 23 sacks of cement. Filled hole with mud to 40', set 10' rock bridge and capped hole with 10 sacks of cement.

RECEIVED
STATE CORPORATION COMMISSION

DEC 9 1964
129-64
CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Pipe Pullers, Inc.
Address Box 486, Ellinwood, Kansas

STATE OF Kansas, COUNTY OF Barton, ss.
Dean Wells (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) Dean Wells
Ellinwood, Kansas (Address)

SUBSCRIBED AND SWORN to before me this 8th day of December, 1964

J. J. Rader
Notary Public.

My commission expires July 7, 1968

E.H. Riggs

STERLING DRILLING COMPANY
Sterling, Kansas

15-185-01031-00-01

WELL LOG- - - - - Spangenberg #1
Located: SW SW NE Section 4-23S-12W, Stafford County, Kansas

OWNER: Ferguson Oil Company
ROTARY DRILLING CONTRACTOR: Sterling Drilling Company

COMMENCED: 8-12-61
COMPLETED: 8-25-61

ROTARY TOTAL DEPTH: 3750'

LOG

0	=	140	Sand
140	=	180	Red Bed
180	=	250	Sand & Red Bed
250	=	640	Shale & Red Bed
640	=	915	Shale
915	=	925	Anhydrite
925	=	1595	Shale & Lime
1595	=	1880	Lime
1880	=	1980	Shale & Lime
1980	=	2250	Lime
2250	=	2365	Shale & Lime
2365	=	2620	Shale
2620	=	2790	Shale & Lime
2790	=	3175	Lime
3175	=	3302	Shale
3302	=	3385	Kansas City & Lime
3385	=	3500	Lime
3500	=	3595	Lime & Shale
3595	=	3630	Lime
3630	=	3634	Lime & Viola
3634	=	3705	Lime & Shale
3705	=	3725	Lime
3725	=	3750	Lime & Arbuckle T.D.

CASING RECORD

Set 8 5/8" Surface Casing at
244' K.B. with 250 Sacks HA-5
Cement.

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STATE CORPORATION COMMISSION

DEC 15 1964

CONSERVATION DIVISION
Wichita, Kansas

Ran 5 1/2" Casing @ 3739' with
125 Sacks Pozmix.

STERLING DRILLING COMPANY
Sterling, Kansas

15-195-01031-0000

WELL LOG- - - - - Spangenberg #1
Located: SW SW NE Section 4-23S-12W, Stafford County, Kansas

OWNER: Ferguson Oil Company
ROTARY DRILLING CONTRACTOR: Sterling Drilling Company

COMMENCED: 8-12-61
COMPLETED: 8-25-61

ROTARY TOTAL DEPTH: 3750'

LOG

C	140	Sand
140	180	Red Bed
180	250	Sand & Red Bed
250	640	Shale & Red Bed
640	915	Shale
915	925	Anhydrite
925	1595	Shale & Lime
1595	1880	Lime
1880	1980	Shale & Lime
1980	2250	Lime
2250	2365	Shale & Lime
2365	2620	Shale
2620	2790	Shale & Lime
2790	3175	Lime
3175	3302	Shale
3302	3385	Kansas City & Lime
3385	3500	Lime
3500	3595	Lime & Shale
3595	3630	Lime
3630	3634	Lime & Viola
3634	3705	Lime & Shale
3705	3725	Lime
3725	3750	Lime & Arbuckle T.D.

CASING RECORD

Set 3 5/8" Surface Casing at
244' K.B. with 250 Sacks HA-5
Cement.

RECEIVED
STATE CORPORATION COMMISSION

JUL 15 1963

CONSERVATION DIVISION
Wichita, Kansas

Ran 5 1/2" Casing @ 3739' with
125 Sacks Pozmix.