

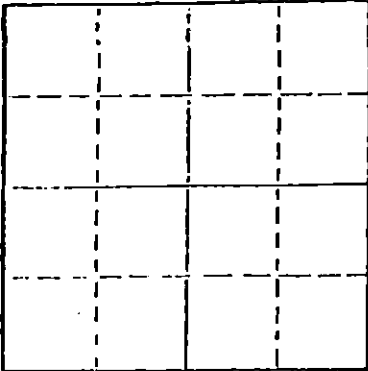
STATE OF KANSAS
STATE CORPORATION COMMISSION

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

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

NW SW SW
Lease Owner Energy Reserve Group, Inc.
Lease Name P. Spangenberg #3 Well No.
Office Address Great Bend, Kansas 67530
Character of Well (Completed as Oil, Gas or Dry Hole)



Locate well correctly on above
Section Plat

Date Well completed 19
Application for plugging filed 19
Application for plugging approved 19
Plugging commenced 3/10/77 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 3570
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"	247	none
				6"	3542	1625'

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.

Checked hole, shot pipe at 2520', 2215', 2025', 1805', 1615', pulled 34 joints. Circulated hole with 20 sacks gel, 3 sacks hulls, 10 sacks gel thru 6" casing at 615', pulled 13 joints. Spotted 100 sacks common cement thru 6" casing at 220' and pulled 7 joints. Filled 13" casing open ended with 50 sacks common cement from 50' to base of cellar. Filled 13" casing from 30' to base of cellar with 1 yard ready mix.

PLUGGING COMPLETE.

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

Name of Plugging Contractor KELSO CASING PULLING CHASE, KANSAS
3-21-77
CONSERVATION DIVISION
Wichita, 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) R. Darrell Kelso
CHASE, KANSAS

(Address)

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

Margaret Melcher
Notary Public.

My commission expires



640 Acres
N 1/4 11w

STANOLIND OIL AND GAS COMPANY
WELL RECORD

	160				160
			29		
0 1/2					160

Locate Well Correctly

T
22
S

COUNTY Stafford, SEC. 29, TWP. 22a, RGE 11w
 COMPANY OPERATING Stanolind Oil and Gas Company
 OFFICE ADDRESS Box 591, Tulsa, Oklahoma
 FARM NAME Paul R. Spangenberg "A" WELL NO. 3
 DRILLING STARTED 9-7- 1937, DRILLING FINISHED 10-7 1937
 WELL LOCATED N7 1/4 S7 1/4 S7 1/4 990 ft. North of South
 Line and 330 ft. East of West Line of Quarter Section.
 ELEVATION (Relative to sea level) DERRICK FLR. 1820 GROUND 1817
 CHARACTER OF WELL (Oil, gas or dry hole) Oil

OIL OR GAS SANDS OR ZONES

Name	From	To	Name	From	To
1. <u>Siliceous Lime</u>	<u>3544</u>	<u>3570</u>			
2					
3					

WATER SANDS

Name	From	To	Water Level	Name	From	To	Water Level
1							
2							
3							

CASING RECORD

Size	Wt.	Thds.	Make	Amount Set		Amount Pulled		Packer Record			
				Ft.	In.	Ft.	In.	Size	Length	Depth Set	Make
<u>13"OD</u>	<u>40f</u>	<u>8</u>	<u>Wheeling</u>	<u>251</u>	<u>11</u>	<u>(Threads off, set at 247'6")</u>					
<u>6"OD</u>	<u>20f</u>	<u>10</u>	<u>Nat'l.</u>	<u>3534</u>	<u>8</u>	<u>(Threads off, set at 3642')</u>					

Liner Record: Amount _____ Kind _____ Top _____ Bottom _____

CEMENTING AND MUDDING RECORD

Size	Amount Set		Sacks Cement	Chemical		Method Cementing	Amount	Mudding Method	Results (See Note)
	Feet	In.		Gal.	Make				
<u>13"OD</u>	<u>255</u>	<u>2</u>	<u>225</u>			<u>Halliburton</u>			
<u>6"OD</u>	<u>3559</u>	<u>8</u>	<u>200</u>			<u>Halliburton</u>			

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 3553 feet, and from _____ feet to _____ feet.
 Cable tools were used from 3553 feet to 3570 feet, and from _____ feet to _____ feet.
 Type Rig 94" Steel

PRODUCTION DATA

Swabbed 35 bbls. per hr. thru 6" casing before acidizing.
 Production first 24 hours _____ bbls. Gravity _____ Emulsion _____ per cent., Water _____ per cent.
Potential 2,000 bbls. oil no water, pumping 36-54" SFH thru 3" tubing, 6" casing.
 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 and Title
 Subscribed and sworn to before me this the _____ day of _____, 193_____
 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 clay & red rock	0	265			
Shells shale and red bed	265	523			
Anhydrite	523	568			
Red bed	568	640			
Shale and shells	640	1030			
Salt and shale	1031	1228			
Shale and shells	1228	1435			
Anhydrite	1435	1467			
Anhydrite and shale	1467	1554			
Broken lime and shale	1554	1645			
Shale and shells	1645	1690			
Lime sand and chalk	1690	1814			
Shale and lime	1814	2130			
Shale and shells	2130	2465			
Porous lime	2465	2505			
Shale and shells	2505	2665			
Lime and shale	2665	2784			
Shale, shells	2784	2830			
Lime	2830	3110			
Shale	3110	3197			
Broken lime and shale	3197	3250			
Lime	3250	3502			
Shale and shells	3502	3527			
Coring record - Rotary					
Shale, blue green	3527	3533			
Shale, green sandy w/ S.O.	3533	3536			
Sandy Dol. w/ show of oil	3536	3538			
Shale, green sandy & Dol- omitic w/ show of oil	3538	3542			
Dol. sandy & shaley w/ good show of oil	3542	3544			
Dol. porous w/ good S.O.	3544	3551 1/2			
Top Siliceous	3544				
S.L.C.	3551 1/2	3553			
Coring Record - Cable					
Green shale	3553	3555			
Lime, good show	3555	3560			
Lime, hard good show	3560	3564			
Lime, brown	3564	3566			
Lime	3566	3570			
Total Depth		3570			
Acidized 10-9-37 with 2000 gallons Dowell xx					
Date of first work	8-31-37				
Date drilling commenced	9-7-37				
Date drilling completed	10-7-37				
Date well completed	10-12-37				
Date potential effective	10-13-37				

3250
1920/0
143

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