

STATE OF KANSAS
STATE CORPORATION COMMISSION

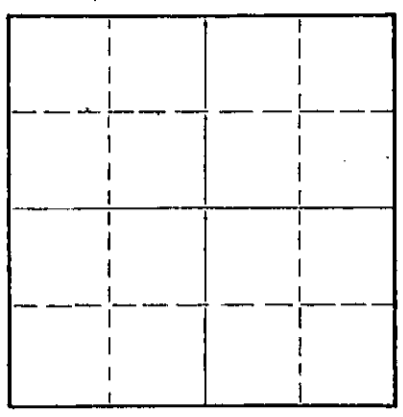
WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
800 Bitting Building
Wichita, Kansas

Harper County, Sec. 23 Twp. 34S Rge. 7W (E) (W)

Location as "NE/CNW&SW&" or footage from lines SW NW NE
Lease Owner The Texas Company
Lease Name Helen Orr Well No. 1
Office Address 614 Bitting Building, Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry
Date well completed January 21 19 55
Application for plugging filed April 13 19 55
Application for plugging approved April 14 19 55
Plugging commenced April 25 19 55
Plugging completed April 26 19 55
Reason for abandonment of well or producing formation

NORTH



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 Mr. M. A. Rives
Producing formation Depth to top Bottom Total Depth of Well 5357' Feet
Show depth and thickness of all water, oil and gas formations. PBD 4666'

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				10-3/4"	350'	0'
				7"	4800'	3684'

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 AS FOLLOWS:

4666' to 3900' - Heavy Mud
3900' - Cast Iron Bridge Plug
3900' to 225' - Heavy Mud
225' to 215' - Rock Bridge
215' to 175' - 20 Sacks Cement
175' to 25' - Heavy Mud
25' to Bottom of Cellar - 10 Sacks Cement

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor R & S Pipe Pulling Company
Address Box 192, Ellinwood, Kansas

STATE OF Kansas COUNTY OF Sedgwick ss.
M. C. Harrell (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) M. C. Harrell
614 Bitting Building, Wichita, Kansas
(Address)

SUBSCRIBED AND SWORN to before me this 29th day of April, 19 55

My commission expires Sept. 20, 1956

H. Howard Fister
Notary Public.

PLUGGING
FILE SEC 23 T 34 R 7W
BOOK PAGE 111 LINE 19

RECEIVED
STATE CORPORATION COMMISSION
MAY 3 X 1955
CONSERVATION DIVISION
Wichita, Kansas

The Texas Company
Tulsa, Oklahoma

Tulsa, Oklahoma
December 9, 1954

CONTRACTOR: Stickle Drilling Company
Drilling Commenced: November 19, 1954
Drilling Top Miss.: December 4, 1954

Helen Orr #1 SW-NW-NE-
Section 23-34S-7W, Harper
County, Kansas.

DRILLERS LOG

Surface Rock	0-12
Shale, Red Bed & Shells	12-285
Shale & Shells	285-350
Sand & Shale	350-550
Shale, Shells & Salt	550-1195
Shale & Shells	1195-1630
Lime	1630-1715
Lime & Shale	1715-1975
Lime Sand & Shale	1975-2125
Shale & Lime	2125-2235
Shale	2235-2460
Shale & Shells	2460-2600
Shale & Lime	2600-2665
Lime & Shale	2665-2700
Shale & Lime	2700-2840
Sand & Shale	2840-2950
Shale & Lime	2950-3147
Lime	3147-3207
Lime & Shale	3207-3310
Lime	3310-3368
Lime & Shale	3368-3620
Shale	3620-3760
Sand	3760-3795
Shale & Sand	3795-3838
Sand, Shale & Lime	3838-3900
Shale	3900-4010
Lime	4010-4276
Lime & Shale	4276-4452
Lime	4452-4509
Lime & Shale	4509-4562
Shale & Lime	4562-4614
Top Mississippi Lime	4614-4643

I, Frank E. Stickle hereby certify the above to be a true and correct
Drillers Log of The Texas Company's Helen Orr #1 SW-NW-NE-Section 23-
34S-7W, Harper County, Kansas.

Frank E. Stickle
Frank E. Stickle

Lillian T. Bonham
Notary Public

February 13, 1956

My Commission Expires

PLUGGING
FILE SEC 23 T 34 R 7W
BOOK PAGE 111 LINE 19

LOG OF WELL

Form PO-214 Sheet 1 (6-53)25M

HELEN ORR NO. 1

SHEET 1

OWNER The Texas Company DIVISION Oklahoma DATE MADE January 27, 1955
 DISTRICT Kansas LEASE Helen Orr WELL NO. 1
 STATE Kansas COUNTY OR PARISH Harper TWP. 34S RANGE 7W SEC. 23
 LOCATION OF WELL SW NW NE

COMMENCED RIGGING UP 11-20-54 COMMENCED DRILLING 11-20-54 COMPLETED DRILLING 1-21-55
 DAY DRILLER _____ NIGHT DRILLER _____ CONTRACTOR Stickle Drilling Co.
 CABLE FROM _____ TO _____ ROTARY FROM 0' TO 5375' COMPANY RIG NO. _____
 TOTAL DEPTH 5375' MEASURED BY M. C. Harrell ELEVATION KB - 1347
DF - 1344 Est.
GL - 1339

CASING RECORD

SIZE	WEIGHT	PUT IN WELL		PULLED OUT		LOST IN WELL		SHOES		PACKERS			
		FEET	INS.	FEET	INS.	FEET	INS.	LENGTH	MAKE	KIND	LENGTH	SET BY	
10-3/4"	32.75#	350'											FT.
7"	20#	4800'											FT.
													FT.
													FT.
													FT.
													FT.
10-3/4" casing set at 350' with 350 sacks cement, 3 sacks CC. Cement circulated.													FT.
7" casing set at 4800' with 200 sacks cement, 25 sacks stratacrete, 4% gel.													FT.

WAS CASING CEMENTED? _____ IF SO, HOW MANY SACKS OF CEMENT USED? _____
 LINER: STATE SIZE AND WEIGHT _____ WHERE SET _____ FT. AND INS. PERFORATED _____
 HOW PUT TOGETHER _____ COUPLING _____ FLUSH-JOINT _____ INSERTED _____
 REMARKS: _____

EQUIPMENT RECORD

TUBING				SUCKER RODS			PUMPING OUTFIT	
SIZE	WEIGHT	FEET	INS.	FEET	INS.	SIZE AND KIND	DESCRIPTION, KIND, SIZE, ETC.	

FLOWING, PUMPING, GASSER OR DRY Dry PRODUCTION FIRST 24 HOURS _____ PRODUCTION SETTLED _____
 IF GAS WELL, OPEN FLOW CAPACITY _____ SHUT IN PRESSURE _____ ROCK PRESSURE _____
 KIND OF SHOT _____ SIZE OF SHOT, QUARTS _____
 NUMBER OF SHELLS _____ SIZE OF SHELLS _____ INCHES, DIAMETER _____
 LENGTH OF SHELLS _____ FEET _____ INCHES _____ TOP OF SHOT _____
 BOTTOM OF SHOT _____ ANCHOR _____ WELL BRIDGED TO _____
 TOTAL DEPTH OF WELL _____ NUMBER OF SHOT _____ PRODUCTION BEFORE SHOT _____ BBLs. PER DAY _____
 PRODUCTION AFTER SHOT _____ BBLs. PER DAY. SHOT FURNISHED BY _____
 NAME OF SHOOTER _____ SHOT INSPECTED _____ BY _____ (COMPANY EMPLOYEE)
 COMMENCED DRILLING DEEPER _____ COMPLETED _____ DRILLING DEEPER _____
 TOTAL DEPTH _____ PRODUCTION FIRST 24 HOURS _____ PRODUCTION SETTLED _____
 REMARKS: _____

1955
 Helen Orr #1
 Rank Wildcat
 TD 5375' - PBD 4666'
 Completed Drilling 1-21-55
 DIVISION
 Wichita, Kansas

NOTE: IF WELL WAS DRY, STATE UNDER REMARKS, WHEN, HOW, AND BY WHOM PLUGGED.
 STATE UNDER REMARKS ANYTHING OF INTEREST NOT COVERED IN LOG.
 IF THE SPACE PROVIDED FOR REMARKS IS NOT SUFFICIENT WRITE ON BOTTOM OF LAST SHEET OF LOG.

TOTAL NUMBER OF SHEETS _____

LOG OF WELL

SHEET No. 2

District Kansas

Owner The Texas Company Farm Helen Orr

Well No. 1

FORMATION	AMOUNT	COLOR	HARD OR SOFT	DEPTH CORES TAKEN	REMARKS
<u>REMARKS:</u>					
12-6-54	Ran DST # 1 from 4646-68'	open 1 hour, gas to surface in 1 minute, tested 1,450 MCF in 5 minutes and 1,650 MCF at end of 1 hour; recovered 55' gas cut mud. IFP 205#, FFP 185#, SIBHP 1523# in 20 minutes.			
12-7-54	Ran DST # 2 from 4672-4706'	open 1 hour, had weak blow, recovered 35' mud. SBHP 47# in 30 minutes.			
12-8-54	Ran DST # 3 from 4747-80'	open 1 hour, recovered 15' drilling mud. SBHP 46# in 30 minutes.			
12-9-54	Ran DST # 4 from 4826-45'	open 1-1/2 hours, recovered 140' muddy salt water. SBHP 1735# in 30 minutes.			
12-12-54	Took Core #1 from 5052-62'	recovered 10'.			
12-13-54	Ran DST # 5 from 5047-62'	open 1-1/2 hours, recovered 30' drilling mud, IFP 48#, FFP 60#, SIBHP 155# in 30 minutes. Took Core #2 from 5062-72', recovered 10'.			
12-14-54	Took Core # 3 from 5072-82'	recovered 10'.			
12-15-54	Ran DST #6 from 5060-82'	open 1 hour, weak blow for 48 minutes, recovered 25' drilling mud, SIBHP 60# in 30 minutes. Took Core #4 from 5082-92', recovered 10'.			
12-16-54	Ran DST # 7 from 5082-92'	open 1 hour, recovered 2788' gassy salt water, IFP 155#, FFP 1305#, SIBHP 2105# in 30 minutes.			
1-2-55	Moved in cable tools, bailed mud and cleaned out to 4765'.	Perforated 4754-60' with 19 jets. Swabbed and bailed down and tested small amount of rotary mud per hour for 3 hours.			
1-3-55	Acidized perforations 4754-60'	with 500 gallons 15% acid, maximum pressure 1900# to vacuum. Swabbed back load, then swabbed estimated 40 barrels water per hour for 2 hours, no show oil or gas.			
1-4-55	Ran tubing with DM tool at 4747'	and squeezed perforations 4754-60' with 150 sacks cement, maximum pressure 4700#, backwashed 15 sacks.			
1-6-55	Bailed and swabbed water to 4747'.				
1-7-55	Perforated 4696-4702'	with 24 shots, no show oil, gas or water. Acidized with 500 gallons 15%, maximum pressure 600#, broke to 400#, treated at 200#, with 100# pressure drop in 5 minutes. Swabbed back load, tested show gas, no oil or water in 1-1/2 hours.			
1-8-55	Set bridge plug at 4684'.	Perforated 4674-80' with 19 jets. Swabbed down, tested estimated 500,000 CEG, no oil or water.			
1-10-55	Drove bridge plug from 4684-4742'.				

LOG OF WELL

SHEET No. 3

District Kansas Owner The Texas Company Farm Helen Orr Well No. 1

FORMATION	AMOUNT	COLOR	HARD OR SOFT	DEPTH CORES TAKEN	REMARKS
<u>REMARKS:</u>					
1-11-55					Tested 12 gallons water per hour with 55,000 CFG from perforations 4674-80' and 4696-4702'. Ran tubing with DM tool at 4666' and squeezed perforations 4674-80' and 4696-4702' with 150 sacks cement, backwashed 25 sacks, maximum pressure 4500#.
1-14-55					Perforated 4652-61' with 36 jets. Bailed 4 barrels salt water with show of gas at 3655'; could not bail below this depth.
1-15-55					Bailed hole dry, tested 37,500 CFGPD with 2-1/2 gallons water per hour for 14 hours from perforations 4652-61'.
1-16-55					Acidized with 1000 gallons 15% acid, maximum pressure 700#, minimum pressure 400#.
1-17-55					Bailed hole dry and tested 32,000 CFGPD with 6 gallons water per hour for 8 hours. Ran tubing and packer.
1-19-55					Ran tubing with HM tool at 4645' and fractured perforations 4652-61' with 2000 gallons geofrac; maximum pressure 2100#, broke to 1800#, dropped to 1000#, 5 minute pressure drop 500# Swabbed water to 2300', well started flowing, shut in pressure 350#.
1-20-55					Tested 201,500 CFG after being shut in 1 hour. Opened 1-1/2 hours, tested 164,000 CFGPD, shut in pressure 450# in 2 hours. Making 1-1/2 barrels water per hour. Pulled tubing and packer.
1-22-55					Tested 3/4 barrels water with 140,000 CFGPD for 12 hours.
1-23-55					Well non-commercial. Dry and abandoned.

CASING RECORD:

Measurement from BH*KB 8.5'.
 Top of cement 3767'
 Centralizers:
 4342', 440', 4538'
 4638', 4766', 4788'

TOPS:

Topeka-----2975
 Stalnaker-----3759
 Kansas City-----4035
 Marmaton-----4327
 Mississippi-----4648
 Kinderhook-----4969
 Viola-----5052
 Simpson-----5079
 Arbuckle-----5297