

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. 24 Twp. 34S Rge. 5W (E) (W)

Location as "NE/CNW/SW" or footage from lines NE SW NW

Lease Owner The Texas Company

Lease Name M. H. Baker Well No. 1

Office Address 614 Bitting Bldg., Wichita, Kansas

Character of Well (completed as Oil, Gas or Dry Hole) Oil

Date well completed September 26 19 52

Application for plugging filed August 12 19 53

Application for plugging approved August 13 19 53

Plugging commenced August 15 19 53

Plugging completed August 21 19 53

Reason for abandonment of well or producing formation Ceased to be a commercial producer

If a producing well is abandoned, date of last production August 15 19 53

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. Ruel Durkee

Producing formation Kansas City Depth to top 3758 Bottom 3990' Total Depth of Well 5099' Feet

Show depth and thickness of all water, oil and gas formations. PBDT 3974'

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				10-3/4"	646'	0'
				7"	4988'	3391'

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

- 3974' to 3750' - Rock
- 3750' to 3720' - 6 Sacks Cement
- 3720' to 270' - Heavy Mud
- 270' to 260' - Rock
- 260' to 220' - 20 Sacks Cement
- 220' to 15' - Heavy Mud
- 15' to Top of Surface Pipe - 8 Sacks Cement

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

Name of Plugging Contractor F. W. Kellum

Address 1218 Hackney Street, Winfield, Kansas

STATE OF Kansas, COUNTY OF Sedgwick, ss.

R. M. Acher (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]

614 Bitting Bldg., Wichita, Kansas

(Address)

SUBSCRIBED AND SWORN TO before me this 26th day of August, 19 53

My commission expires September 20, 1956

[Signature] Notary Public.

STATE CORPORATION COMMISSION

24-7868-6 3-53-20M

AUG 27 1953

CONSERVATION DIVISION
Wichita, Kansas

PLUGGING
FILE SEC 24 T 34 R 5W
BOOK PAGE 121 LINE 24

LOG OF WELL

M. H. BAKER NO. 1

SHEET 1

OWNER The Texas Company DIVISION Oklahoma DATE MADE 10-21-52
 DISTRICT Kansas LEASE M. H. Baker WELL NO. 1
 STATE Kansas COUNTY OR PARISH Harper TWP. 34S RANGE 5W SEC. 24
 LOCATION OF WELL NE SW NW

COMMENCED RIGGING UP 5-16-52 COMMENCED DRILLING 5-17-52 COMPLETED DRILLING 9-26-52
 DAY DRILLER _____ NIGHT DRILLER _____ CONTRACTOR Stickle Drlg. Co.
 CABLE FROM _____ TO _____ ROTARY FROM 0 TO 5099 COMPANY RIG NO. _____
 TOTAL DEPTH 5099 MEASURED BY M. C. Harrell ELEVATION KB - 1217
PBTD 3974 DF - 1215
GL - 1207

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 AT
10-3/4"	32.75#	646				(R-1, F-25, new casing)						FT.
7"	23#	1198				(R-2, J-55, new casing)						FT.
7"	20#	3790				(R-2, J-55, new casing)						FT.
												FT.
												FT.
												FT.
10-3/4" casing set at 640' with 475 sacks cement and 400# CC, cement circulated												
7" casing set at 4986' with 280 sacks cement, 4% fel and 70 sacks Stratocrete												

WAS CASING CEMENTED? _____ IF SO, HOW MANY SACKS OF CEMENT USED? _____
 LINER: STATE SIZE AND WEIGHT _____ WHERE SET _____ FT. AND INS. BLANK _____ FT. AND INS. PERFORATED _____
 HOW PUT TOGETHER _____ COUPLING _____ FLUSH JOINT _____ INSERTED _____
 REMARKS: Measurement from BH to KB 5' BH to GL 2'

EQUIPMENT RECORD

TUBING				SUCKER RODS			PUMPING OUTFIT
SIZE	WEIGHT	FEET	INS.	FEET	INS.	SIZE AND KIND	DESCRIPTION, KIND, SIZE, ETC.
Completed Testing 10-10-52							

FLOWING, PUMPING, GASSEY OR DRY Pumping PRODUCTION FIRST 24 HOURS 26 BO and 13 BW 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: M. H. Baker #1
Bluff Creek Pool
TD 5099 PBTD 3974
Completed Drilling 9-26-52
Completed Testing 10-10-52

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.

PLUG
 SEC 24 T 34 R 5W
 LOOK PAGE 12 LINE 24

LOG OF WELL

SHEET NO. 2

District Kansas

Owner The Texas Company Farm M. H. Baker

Well No. 1

FORMATION	AMOUNT	COLOR	HARD OR SOFT	DEPTH CORES TAKEN	REMARKS															
Red Bed & Shale	0	152			<p><u>CASING RECORD:</u></p> <p>10-3/4" casing set at 640' w/475 sacks cement & 400# CC, cement circulated.</p> <p>7" casing set at 4986' with 280 sacks cement, 4% gel & 70 sacks stratocrete.</p> <p>Top of Cement 3496'</p> <p><u>Centralizers:</u></p> <table border="0"> <tr> <td>4923</td> <td>4472</td> <td>4137</td> </tr> <tr> <td>4829</td> <td>4376</td> <td>4076</td> </tr> <tr> <td>4739</td> <td>4282</td> <td>4014</td> </tr> <tr> <td>4647</td> <td>4262</td> <td>3952</td> </tr> <tr> <td>4565</td> <td>4199</td> <td>3890</td> </tr> </table> <p><u>Scratchers:</u></p> <p>26 scratchers from 3790-4030, 10' apart.</p> <p>15 scratchers from 4826-4956, 10' apart.</p> <p><u>ELEVATIONS:</u></p> <p>KB-----1217</p> <p>DF-----1215</p> <p>GL-----1207</p> <p><u>TOPS:</u></p> <p>Topeka-----2706</p> <p>Stalnaker-----3404</p> <p>Layton-----3734</p> <p>Kansas City-----3758</p> <p>Base K.C.-----3990</p> <p>Marmaton-----4073</p> <p>Mississippi-----4442</p> <p>Kinderhook-----4808</p> <p>Chatanooga-----4859</p> <p>Viola-----4876</p> <p>Simpson-----4889</p> <p>Arbuckle-----5089</p>	4923	4472	4137	4829	4376	4076	4739	4282	4014	4647	4262	3952	4565	4199	3890
4923	4472	4137																		
4829	4376	4076																		
4739	4282	4014																		
4647	4262	3952																		
4565	4199	3890																		
Shale & Shells	735	583																		
Shale, Salt & Shells	1050	315																		
Lime & Shale	1210	160																		
Shale & Shells	1335	125																		
Lime & Shale	1403	68																		
Shale & Shells	1505	102																		
Lime & Shale	1630	125																		
Shale & Shells	2198	568																		
Shale & Lime	2545	347																		
Shale & Shells	2780	235																		
Shale & Lime	2880	100																		
Shale, Lime & Sand	2960	80																		
Shale & Shells	3130	170																		
Lime & Shale	3210	80																		
Shale & Shells	3310	100																		
Shale & Lime	3400	90																		
Sand & Shale	3580	180																		
Shale & Lime	3645	65																		
Shale	3725	80																		
Shale & Lime	3769	44																		
Lime	3972	203																		
Lime & Shale	4000	28																		
Shale & Lime	4045	45																		
Lime & Shale	4105	60																		
Shale & Lime	4170	65																		
Lime & Shale	4320	150																		
Shale & Lime	4412	92																		
Lime & Shale	4439	27																		
Lime	4810	371																		
Lime & Shale	4835	25																		
Shale	4851	16																		
Lime	4856	5																		
Shale	4873	17																		
Sand	4978	105																		
Shale	5023	45																		
Shale & Sand	5033	10																		
Sand, Shale & Lime	5099	66																		
TOTAL DEPTH	5099																			

RECEIVED
STAT
DIVISION

LOG OF WELL

SHEET No. 3

District Kansas

Owner The Texas Company Farm M. H. Baker

Well No. 1

FORMATION	AMOUNT	COLOR	HARD OR SOFT	DEPTH CORES TAKEN	REMARKS
<u>REMARKS:</u>					
5-31-52					Ran DST #1 from 3936-50, open 1 hour, had gas to surface in 30 minutes, recovered 60' oil and 90' heavy oil cut mud. SBHP 910# in 20 minutes.
6-8-52					Drilled to 4531', lost tools. Fished out tools on 6-11-52 and commenced drilling ahead.
6-21-53					Took Core #1 from 4856-62, recovered 7'. Took Core #2 from 4873-80, recovered 7'.
6-22-52					Took Core #3 from 4880-87, recovered 7'.
6-23-52					Ran DST #2 from 4878-87, open 1 hour, recovered 18' drilling mud. SBHP 30# in 15 minutes. Took Core #4 from 4887-97, recovered 10'.
6-24-53					Ran DST #3 from 4885-97, open 1-1/2 hours, recovered 5' drilling mud. SBHP zero in 15 minutes. Took Core #5 from 4897-4907, recovered 10'.
6-25-52					Took Core #6 from 4907-17, recovered 9'.
6-26-52					Ran DST #4 from 4895-4917, open 1 hour, recovered 840' salt water, rainbow of oil. SBHP 1895# in 15 minutes.
6-29-52					Took Core #7 from 4947-56, recovered 9'. Took Core #8 from 4956-78, recovered 22'.
7-2-52					Took Core #9 from 5035-70, recovered 35'.
7-3-52					Took Core #10 from 5070-99, recovered 29'. Ran DST #5 from 5087-99, open 1 hour, had weak blow throughout test, recovered 70' muddy salt water. IFP zero, FFP 15#, SBHP 1770# in 15 minutes. Ran Schlumberger survey.
7-12-52					Moved in cable tools, bailed mud and drilled cement to 4954'. Ran Gamma Ray Log. Perforated 4907-12 with 3 jet shots per foot, swabbed 16 BWPH, no oil. Filled up 1400' with water in 3 hours.
7-14-52					Ran tubing with DM squeeze packer set at 4883' and squeezed with 300 sacks cement, maximum pressure 4200#, backwashed 44 sacks.
7-17-52					Drilled cement to 4898'. Perforated 4892-97 with 4 jet shots per foot, tested 3 GWPH.
7-19-52					Ran tubing and stratafraced. Pumped in 20 BO, broke down formation at 4000# to 2500#. Pumped in jet at 2800# pressure, increased to 3900# and broke to 2700# when 15 barrels in formation. Staged in 16 barrels, pressure increased to 5500#, backwashed 32 barrels.
7-20-52					Swabbed hole and cleaned out 30' sand, no oil, water or gas. Set bridge plug at 3990' and plugged back to 3974' with 2 sacks calseal.
7-21-52					Perforated 3938-43 with 4 jet shots per foot, tested 5 gallons of heavy oil cut mud per hour. Washed down and swabbed 5 hours, last hour tested 3-1/2 GO & 3 GW per hour. Acidized with 500

LOG OF WELL

SHEET NO. 4

District Kansas

Owner The Texas Company Farm M. H. Baker

Well No. 1

FORMATION	AMOUNT	COLOR	HARD OR SOFT	DEPTH CORES TAKEN	REMARKS
					gallons of Type "J" acid, maximum pressure 1250#, minimum 875#, with 75# pressure drop in 5 minutes. Flowed back 17 BO and died.
7-22-52					Tested 1 BO and 1/2 BW per hour. Reacidized with 3000 gallons of 15% acid, maximum pressure 775#, no break.
7-23-52					Swabbed load oil in casing to 1200', well kicked off and flowed back load oil plus 42 barrels of new oil in 2-1/2 hours and died. Swabbed down to 2700', flowed 56 BO in 2 hours and died. Ran tubing with packer set at 3910' and pumped 113 BO around tubing to displace acid.
7-24-52					Swabbed 56 BO thru tubing to bottom, then swabbed 14 BO in 1 hour off bottom, lost swab. Well flowed 55 BO in 8 hours and died. Fished out swab.
7-25-52					Swabbed 148 BO and 13 barrels of acid water in 21 hours, 1200' off bottom.
7-26-52					Swabbed 48 barrels of fluid in 3 hours.
7-31-52					Well was put on the pump and on 8-1-52 pumped 103 BO & 19 BW in 22 hours. By 9-24-52 production had decreased to 6 BO and 9 BW in 24 hours.
9-25-52					Pulled rods and acidized with 2000 gallons of 15% acid, on vacuum, packer did not hold. Displaced acid with oil, pulled tubing and removed packer.
9-26-52					Ran tubing and rods and pumped back load oil.
9-30-52					Pumped 70 BO and 25 BW in 24 hours.
10-1-52					Pumped 32 BO and 9-1/2 BW in 24 hours.
10-2-52					Pumped 16 BO and 11-1/2 BW in 24 hours.
10-10-52					Pumped 26 BO and 13 BW in 24 hours. Producing formation Kansas City 3758-3990'. Producing interval perforations 3938-43. Gravity 36°.
2-12-53 (Workover)					Perforated 3846-52, 3814-20 and 3760-72, tested all water. Squeezed above perforations and reperforated 3938-43. Acidized with 2000 gallons of Jel-X-100. Pumped 9 BOPD and 23 BWPD.