

LOG OF WELL

B. A. FOX LC. 1

SHEET 1

OWNER The Texas Company DIVISION Oklahoma DATE MADE Sept. 22, 1952
DISTRICT Kansas LEASE B. A. Fox WELL NO. 1
STATE Kansas COUNTY OR PARISH Graham TWP. 85 RANGE 24 SEC. 29
LOCATION OF WELL

COMMENCED RIGGING UP 3-4-52 COMMENCED DRILLING 8-4-52 COMPLETED DRILLING 9-3-52
DAY DRILLER NIGHT DRILLER CONTRACTOR Noble Drilling Co.
CABLE FROM TO ROTARY FROM 0 TO 4400' COMPANY RIG NO.
TOTAL DEPTH 4400' MEASURED BY W. C. Harrell ELEVATION KB - 2338'
FBTD 3645' GL - 2334'

CASING RECORD

Table with columns: SIZE, WEIGHT, PUT IN WELL (FEET, INS.), PULLED OUT (FEET, INS.), LOST IN WELL (FEET, INS.), SHOES (LENGTH, MAKE), PACKERS (KIND, LENGTH, SET AT). Includes entries for 10-3/4" and 7" casing.

10-3/4" casing set at 317' with 175 sacks cement, cement circulated.
7" casing set at 3951' with 75 sacks cement, 19 sacks strat.crete, 2 gal.

REMARKS: Measurement from BH to KB 6.75', BH to GL 1.6'.
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

EQUIPMENT RECORD

Table with columns: TUBING (SIZE, WEIGHT, FEET, INS.), SUCKER RODS (FEET, INS., SIZE AND KIND), PUMPING OUTFIT (DESCRIPTION, KIND, SIZE, ETC.).

Completed plugging 9-21-52

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: B. A. Fox #1 Wildcat T.D. 4400' - FBTD 3645'
Completed drilling 9-3-52
Completed plugging 9-21-52
CONSERVATION DIVISION

PLUGGING ALL WAS DRY, STATE UNDER REMARKS, WHEN SHOWN, AND BY WHOM PLUGGED.
FILE SEC 22 T 2 R 2
BOOK PAGE 12 LINE 2

LOG OF WELL

SHEET No. 2

District **Kansas** Owner **The Texas Company** Farm **B. A. Fox** Well No. **1**

FORMATION	AMOUNT	COLOR	HARD OR SOFT	DEPTH CORES TAKEN	REMARKS
Sand & Clay	0	20			<p><u>CASING RECORD</u> 10-3/4" casing set at 317' with 175 sacks cement, cement circulated.</p> <p>7" casing set at 3951' with 75 sacks cement, 19 sacks stratacrete, 2% gel.</p> <p>Top of Cement 3419'</p> <p>Used 24 scratchers from 3645-3950.</p> <p>Centralizers: 3610 3854 3700 3944 3771</p> <p><u>ELEVATIONS</u> KB - 2338 DF - 2336 GL - 2334</p> <p><u>TOPS</u> C. Dolomite-----2063 Howard-----3321 Topeka-----3434 Heebner-----3651 Toronto-----3675 Lansing-----3691 Base K. C.-----3915 Warmaton-----4029 Conglomerate-----4177 Mississippian-----4218 Gilmore City-----4255 Viola-----4314 Simpson-----4329 Arbuckle-----4352</p>
Sand & Shale	317	297			
Blue & Gray shale	1064	747			
Blue shale	1100	36			
Sand & Shale	1600	500			
Sand	1825	225			
Red shale	2050	225			
Anhydrite	2100	50			
Green shale	2179	79			
Blue & Green shale	2434	255			
Lime & Shale	3070	636			
Lime	3891	821			
Lime & Shale	4040	149			
Lime, shale & Chert	4082	42			
Lime & Shale	4212	130			
Sand, shale & Chert	4248	36			
Lime, shale & Chert	4286	38			
Chert, Lime & shale	4321	35			
Lime, shale & Chert	4360	39			
Dolomite	4400	40			
Total Depth	4400				
PBTC	3645				

REMARKS

8-14-52 Ran DST #1 from 3838-54, open 2 hours, recovered 35' oil cut mud. SBHP zero in 15 minutes. Ran DST #2 from 3839-60, open 1 hour, recovered 3' oil and 40' oil cut mud. SBHP 250 in 15 minutes.

8-19-52 Ran DST #3 from 4351-60, open 1 hour, recovered 65' drilling mud. SBHP zero. Drilled to 4400'. Ran Schlumberger survey.

8-24-52 Moved in cable tools and drilled cement to 3911'. Perforated 3888-92 with 13 shots. Tested 1st hour 10 GW & 1 GO, 2nd hour 5 GW, 1 quart oil, 3rd hour 2-1/2 GW, trace of oil. Acidized with 500 gallons of acid, maximum pressure 975#, broke to 400#, with 200# pressure drop in 10 minutes. Swabbed back load and tested 85 BO, trace of water per hour, then decreased to 1/2 BOPH.

RECEIVED
 STATE CORPORATION COMMISSION
 SEP 24 1952
 CONSERVATION DIVISION

LOG OF WELL

SHEET No. 3

District Kansas

Owner The Texas Company Farm B. A. Fox

Well No. 1

FORMATION	AMOUNT	COLOR	HARD OR SOFT	DEPTH CORES TAKEN	REMARKS
<u>REMARKS (Cont.)</u>					
8-25-52					Re-acidized with 2000 gallons of acid, maximum pressure 500#, minimum 425#, with 125 # pressure drop in 10 minutes. Swabbed backload and tested in 1st 3 hrs. 5.8 BOPH, last 8 hours 2.3 BOPH.
8-26-52					Set Baker CI plug at 3882' and plugged back to 3874' with 1 sack Calseal. Perforated 3850-56 with 19 jet shots. Tested 2 BOPH, trace of water.
8-27-52					Acidized with 500 gallons of 15% acid, on vacuum. Tested 41 GUPH & 13 GUPH for 5 hours after acid.
8-28-52					Tested 1-1/2 BOPH & 1-1/2 BOPH. Drilled out bridge plug and cleaned out to 3911', fluid decreased to 1/2 BOPH & 1/4 BOPH.
8-29-52					Tested 35 GUPH & 5 gals acid water per hour from perforations 3850-56 & 3888-92. Set bridge plug at 3830' and plugged back to 3825' with 1 sack calseal. Perforated 3780-85 with 16 jet shots, tested 22 BOPH, no oil, for 8 hours. Set bridge plug at 3778' & plugged back to 3775' with 1/2 sack calseal. Perforated 3768-72 with 13 jet shots.
8-30-52					Tested 10 GUPH, slight show of oil. Acidized with 500 gallons of 15% acid, maximum pressure 675#, minimum pressure 475#. Swabbed 3-1/2 BOPH, slight show of oil for 7 hours.
8-31-52					Set bridge plug at 3760' and plugged back to 3756' with 1/2 sack calseal. Perforated 3723-29 with 18 shots. Tested 15 gals of salt water per hour, no oil, for 7 hours. Set bridge plug at 3720' and plugged back to 3717' with 1/2 sack calseal. Perforated 3704-11 with 22 shots, tested no fluid.
9-1-52					Acidized with 500 gallons of acid, maximum pressure 700#, minimum 100#. Swabbed back load and tested 40 BOPH 1000' off bottom, static fluid level 1000'. Set bridge plug at 3701' and plugged back to 3698 with 1/2 sack calseal. Perforated 3692-96.
9-2-52					Tested 30 BOPH 900' off bottom, static fluid level 1400'. Set bridge plug at 3689' & plugged back to 3686' with 1/2 sack calseal. Perforated 3678-82 with 13 jet shots, tested no fluid. Acidized with 500 gallons of 15% acid, maximum pressure 525#, minimum vacuum. Tested 36 BOPH 900' off bottom.
9-3-52					Set bridge plug at 3650' and plugged back to 3645' with 1 sack calseal. Perforated 3490-93 with 10 jet shots. Tested 9 barrels of salt water per hour, no oil, for 5 hours, static fluid level 1160
9-4-52					Dry & abandoned.
9-21-52					Plugged and abandoned.

REC'D
STATE CORP
SEP 24 1952
9-24-1952
CONSERVATION DIVISION
Wichita, Kansas