

STATE OF KANSAS  
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

FORMATION PLUGGING RECORD

Strike out upper line when reporting plugging off formations.

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

Barber County. Sec. 20 Twp. 32S Rge. (E) 10 (W)

Location as "NE 1/4 NW 1/4 SW 1/4" or footage from lines. C SW SE

Lease Owner The Pure Oil Company

Lease Name M. D. McGuire Well No. 1

Office Address Box 9545 - Oklahoma City 18, Oklahoma

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

Date well completed 6-26 19 56

Application for plugging filed 9-12 19 62

Application for plugging approved 9-17- 19 62

Plugging commenced 10-4 19 62

Plugging completed 10-9 19 62

Reason for abandonment of well or producing formation Depleted

If a producing well is abandoned, date of last production February 19 62

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 Herman Justus

Producing formation Mississippian Depth to top 4402 Bottom 4444 Total Depth of Well 4441PB 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
				8-5/8"	269	-
				4 1/2"	4444	3438

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.

Cemented 4441-4420. Pulled 105 jts 4 1/2" OD casing. Mudded 4420-180. Crushed rock 180-170. Cemented 170-130. Mudded 130-35. Crushed rock 35-25. Cemented 25-0. Screwed steel cap on 8-5/8" casing.

RECEIVED  
STATE CORPORATION COMMISSION

OCT. 19 1962 10-19-62

CONSERVATION DIVISION  
Wichita, Kansas

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

Correspondence regarding this well should be addressed to Forbes Casing Pulling Company  
Address Box 221 - Great Bend, Kansas

STATE OF Oklahoma COUNTY OF Oklahoma, ss.  
Leo K. Hughes (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] Dist. Office Manager

Box 9545 - Oklahoma City 18, Oklahoma (Address)

SUBSCRIBED AND SWORN to before me this 17 day of October, 19 62.

My commission expires Sept. 4, 1966 [Signature] Notary Public.

WELL LOG AND RELATED DATA

DIVISION S. W. Producing DISTRICT Buffalo LEASE McGuire, M. D.  
 ACRES 180 LEASE NO. 14018 AFE NO. 2296 ELEVATION Gr. 1456; D.F. 1459 WELL NO. I  
 SEC. 20 TWP. 32 S RGE. 10 W PRCT.-DIST.-TWP. -  
 SURVEY (Sharon Prospect) COUNTY Barber STATE Kansas

LOG			
FROM	TO	TOTAL	FORMATION
(Sample data start at 350')			
0	270	270	Red Beds & Sand
270	400	130	Red Beds & Shells
400	1350	950	Shale & Shells
1350	2998	1648	Shale & Lime
2998	3072	74	Lime
3072	3200	128	Lime, Shale & Sand
3200	3431	231	Lime & Shale
3431	3510	79	Sandy Lime & Shale
3510	<del>HERBNER</del>		(Geol. Top)
3510	3563	53	Shale & Lime
3563	<del>DOUGLAS ZONE</del>		(Geol. Top)
3563	3643	80	Shale, Lime & Sand
3643	<del>DOUGLAS SAND</del>		(Geol. Top)
3643	3694	51	Sand & Shale
3694	<del>LANSING</del>		(Geol. Top)
3694	3797	103	Lime & Shale
3797	3975	178	Lime
3975	<del>KANSAS CITY</del>		(Geol. Top)
3975	4201	226	Lime
4201	4375	174	Lime & Shale
4375	<del>1ST BASAL PENN. SAND</del>		(Geol. Top)
4375	4391	16	Sand & Lime
4391	<del>2ND BASAL PENN. SAND</del>		(Geol. Top)
4391	4402	11	Sand, Lime & Shale
4402	<del>MISSISSIPPIAN</del>		(Geol. Top)
4402	4444	42	Lime
4444			TOTAL DEPTH
<u>Plugged Back:</u>			
4444	4441	3	Cement in 4 1/2" casing
4441			TOTAL DEPTH-PB
(All measurements taken from top of rotary bushing which is 3' above derrick floor.)			
<u>PAY ZONE:</u>			
4430	4440		

LOCATION

1652 FEET NORTH OF SOUTH SECTION LINE  
 2990 FEET EAST OF WEST SECTION LINE  
 3641 FEET SOUTH OF NORTH SECTION LINE  
 2329 FEET WEST OF EAST SECTION LINE

SCALE 2"=1 MILE

CASING AND CEMENTING RECORD

SIZE CASING	8-5/8"	4-1/2"
THREAD	8 Rd.	8 Rd.
WEIGHT	24.7	11.6
GRADE	NSS	NSS
CONDITION	C/A	C/A
SET AT	289	4444
SACKS CEMENT	250	250
SIZE OF HOLE	12-1/4"	7-7/8"

Temperature survey ind. top cat. behind 4 1/2" casg. @ 3500'.

LINER RECORD

SIZE	WT.	COND.	LENGTH	BLANK	PERF.	SET AT
	None					

GUN PERFORATING RECORD

DATE	CASING	FROM	TO	SIZE SHOTS	NO. SHOTS
6-23-56	4-1/2"	4430	4440	1/2	40

SHOT OR ACID RECORD

DATE	TOP	BOTTOM	ACID	REMARKS
6/24/56	4430	4440	250 G.	mid acid
6/24/56	4430	4440	Petro-frac: 6000 G. & 5500#	Sand.

DRILLING: COMMENCED 6/5/56 COMPLETED 6/19/56  
 ELECTRICAL SURVEY BY Schlumberger (Laterolog) DATE 6/20/56  
 DRILLED WITH (Hall Drilling Co.) Rotary TOOLS  
 DRILLED IN WITH (Hall Drilling Co.) Rotary TOOLS  
 FIRST PROD. - NAT. DATE - HRS. - BBL. - OIL  
 WATER - M CU. FT. GAS - LBS. ROCK PRESS. -  
 FIRST PROD. AFTER ACID - DATE 6/17/56 HRS. 24 BBL. 23 OIL  
 WATER 477 M CU. FT. GAS - LBS. ROCK PRESS. -  
 GAS/OIL RATIO 19,565 - 1 POTENTIAL 24 oil & 2 wtr., 477 BBL. 68  
 GRAVITY 30.3 TEMP. 60° GRADE -

DATE RECORDED 6/20/56

FROM	TO	TOTAL	FORMATION	FROM	TO	TOTAL	FORMATION
				Acid & Petro-Frac	6/24/56		
				Dowell made acid petro-frac thru perforation in 4-1/2" casing 4430-4440 in stages as follows: Loaded hole with 60 bbls. crude oil and spotted 250 gals. mud acid on bottom - Let acid set 1 hr. - Broke down formation with 23 bbls. additional crude oil at 3000# - Pumped in 6000 gals. acid petro-frac, 5500# sand, 3000# max. pressure, 2800# min. (Pumped in at rate of 10 bbls./min.) Flushed tubing with 83 bbls. crude oil ending flush with 1800# pressure.			
<b>ADDITIONAL WELL DATA:</b>							
<b>ANGULAR DEVIATION:</b>							
	Degrees			Degrees			
<u>Depth</u>	<u>Off Vertical</u>		<u>Depth</u>	<u>Off Vertical</u>			
230	1		3200	2			
800	3/4		3835	3			
1550	3/4		4444	1 3/4			
2336	1						
<b>CORE RECORD:</b>							
<u>Core No.</u>	<u>Depth</u>	<u>Rec.</u>	<u>Description</u>				
1	4408-4431	33'	Lime, cherty, tight, with streaks of staining in minor fracture zones.				
2	4431-4444	13'	Chert, limy, tight to fairly porous w/spotted stain.				
<b>DRILL STEM TESTS:</b>							
6/18/56			4403-4431 (Miss. Lime)				
Tool open 1 hr., air to surface immediately - Fair blow and continued throughout test - Recovered 30' of slightly gas-cut drilling mud - IFP 18# FFP 18# - 20 minute SI BHP 25# (HP 2380#).							
6/19/56			4404-4444				
Initial SI BHP 1195# - Tool open 1 hr. air to surface immediately, good blow thru-out test - Recovered 5' oil and gas-cut mud, 90' heavy oil and gas-cut mud and 120' slightly oil and gas-cut mud - IFP & FFP 80# Final 20 minute SI BHP 192# (HP 2490#)							
<b>Plugged Back:</b> 4444-4444							
Set 4 1/2" casing at 4444 with 250 ex. Pozmix. Drilled cement 4407-4444, new plugged back total depth.							
<b>Perforated:</b> 6/23/56							
Welox perforated 4 1/2" casing in Mississippian with 40 shots, 4 shots/ft, 4430-4440.							