

15-153-05226-00-01

STATE OF KANSAS
STATE CORPORATION COMMISSION
130 S. Market, Room 2078
Wichita, KS 67202

WELL PLUGGING RECORD

K.A.R.-82-3-117

API NUMBER Compl. 5/60

LEASE NAME Cahoj (Texaco) Unit

TYPE OR PRINT

WELL NUMBER 27

NOTICE: Fill out completely
and return to Cons. Div.
office within 30 days

660 Ft. from S Section Line

3300 Ft. from E Section Line

LEASE OPERATOR Murfin Drilling Co., Inc.

SEC. 9 TWP. 1S RGE. 34W (E) or (W)

ADDRESS 250 N. Water, Suite 300, Wichita, KS 67202

COUNTY Rawlins

PHONE # () 267-3241 OPERATORS LICENSE NO. 30606

Date Well Completed 5/27/60

Character of Well INJ (Oil, Gas, D&A, SWD, Input, Water Supply Well)

Plugging commenced 3/08/96

Plugging Completed 3/08/96

The plugging proposal was approved on _____ (date)
by _____ (KCC District Agent's Name).

Is ACO-1 filed? No If not, is well log attached? No

Producing Formation _____ Depth to Top _____ Bottom _____ TD _____

Show depth and thickness of all water oil and gas formations.

OIL, GAS, OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put	Pulled out
				8 5/8	367	
				5 1/2	4351	

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 each set.

Ran open-ended tbg to 1750'. Pumped 125 sx 60/40 Poz. 10% gel & 200# hulls dwn tbg. Cement circ to surface. Pumped 10 sx cement w/50# hulls dwn 8 5/8" & press to 300# . SI. Hooked up to 5 1/2" csg. Pumped 30 sx cement w/100# hulls dwn csg & press to 300#. SI csg. JC.

Name of Plugging Contractor Murfin Drilling Company, Inc. License No. 30606
Address 250 N. Water, Suite 300, Wichita, KS 67202

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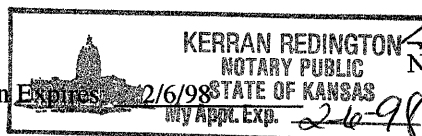
NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Murfin Drilling Company, Inc.

STATE OF KANSAS COUNTY OF SEDGWICK ss.

Larry M. Jack, Production Manager (Employee of Operator) or (Operator) of 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 that the same are true and correct, so help me God.

(Signature) Larry M. Jack
(Address) Wichita, KS

SUBSCRIBED AND SWORN TO before me this 19 day of March, 19 96



Kerran Redington
Notary Public - Kerran Redington

SKELLY OIL COMPANY

NORTH

SOUTH

Well Record

Lease Name and No. **F. E. Bertozovsky Lease #65653** Well No. **6**

Lease Description **S³/₄ and W²/₂ NW¹/₄ and W²/₂ SE¹/₄**

Section **9-18-3NW**

County **Nowata County, Kansas (320 Acres)**

Location Staked **April 29, 1960** by **Powers Elevation Company**

Elev. **K.B. 3131'** **D.F. 3131'** **G.L. 3129'**

feet from South **660** line **2032** feet from West **1860** line

Drilling Contractor **Claude Wentworth Drilling Company**

Work Com'd. **April 29, 1960** Reached Total Depth **May 11, 1960**

Rotary Drilling from **Surface** Cable Tool Drilling from

Well Completed **May 27, 1960** Total Depth **4351'** P.B.T.D. **4351'**

Initial Completion Test **May 27, 1960** Pumped **6 hours, 14-44" SPH, for 61.99 barrels of oil and no water.**

Pressures: F.C.P. **19.20** F.T.P. **20.50** S.I.P. **21.80**

PRODUCING FROM

LANSING LINE	thru	KIMBERNAGE	4214'	Total No. Shots
FORMATION	PERFORATIONS	TOP	BOTTOM	Total No. Shots
FORMATION	PERFORATIONS	TOP	BOTTOM	Total No. Shots
FORMATION	PERFORATIONS	TOP	BOTTOM	Total No. Shots

CASING RECORD

STRINGS	OD SIZE	WHERE SET (Depth)	CEMENTING RECORD	All Measurements were taken from top of
Surface	8-5/8"	360'	Sacks Used 300 Top Casing 307'	Surface 4214'
Intermediate				
Production	5-1/2"	3514'	Sacks Used 307'	from top of surface casing 4214'
Liner				Collar

OD Size	Wt.	Thds.	Kind	Cond.	LEFT IN				PULLED OUT			
					In.	Feet	W.T.M.	In.	Feet	W.T.M.	In.	
8-5/8"	22.7	50	Stucco	4	7	360'	0	360'	0	0	0	0
5-1/2"	14	60	Stucco	4	305	3514'	0	3514'	0	0	0	0

SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	TOP	BOTTOM	REMARKS
Fort Hays	1488'		
Permian	2710'		
Stone Corral	2768'		
Idolow	3652'		
Topoka	3824'		
Ordov	3917'		
LANANING	4114'		Effective Pay by Microlog
			4215' - 4220' Effective Pay by Microlog
Marathon	4323'		

TREATMENT RECORD

DATE	TYPE TREATMENT	INTERVAL TREATED	AMOUNT OF TREATMENT
5-20-60	Acid	4260' - 4267'	250 Gallons Dowell M-38 Acid.
5-20-60	Acid	4214' - 4217'	250 Gallons Dowell M-38 Acid.

WORKOVER RECORD

TYPE WORK	DATE COM'D.	DATE COMP.	Plugged back or Deepened		PROD. BEFORE	PROD. AFTER
			FROM	TO		

See Reverse for detail information

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RECORD OF FORMATIONS SKELLY OIL COMPANY

FORMATION	TOP	BOTTOM	Indicate Casing Points	REMARKS
Clay, Sand & Shale	Surface	372'		Spudded May 1, 1960. Set 2-5/8" OD casing in 12 1/2' and cemented with regular cement, 2% calcium chloride. Cement circulated to surface.
Shale & Sand	2075'	2075'		Tested Fort Hays 1488'
Shale & Pyrite	2075'	2075'		Tested Admire 3652'
Shale	2075'	2075'		Tested Admire 3652'
Line & Shale	3168'	4351'		Tested Admire 3652'

TOTAL DEPTH 4351' Reached total depth May 11, 1960.

Ran Schlumberger Induction-Electrical Survey and MicroLog to 4351'.

DRILL STEM TEST NO. 1 - 4212' - 4222'.
Tool open 1 1/2 hours. Recovered 80% clean oil, no water.
IPP 15%, FPP 50%. ISIP 95%/30 minutes, FSP 90%/30 minutes. IHP 2000#, FHP 2073#.

Ran 135 joints 5 1/2" OD 1 1/2" 8rd. SS J-55 R-2 RT&C "A" condition casing set at 4222' with regular cement, 1 1/2% gel.

May 19, 1960 - Moved in and rigged up Claude Wentworth Drilling Company's cable tools.
Swabbed and bailed 5 1/2" OD casing dry down to 4300' and dry tested 2 hours for no leaks.

Ran Lane-Wells correlation log to the plug back total depth of 4312'.

PERFORATION JOB NO.	DATE	DEPTH	SHOTS	RESULTS
1	4/24/60	4224' - 4222'	6	Perforated 5 1/2" OD casing with 6 Lane-Wells Series "E" bullets per foot as follows: 2 - 1 1/2" (Lansing "J" Zone) 4 - 1 1/2" (Lansing "J" Zone)

Tested 3 hours with bailer for no shows of oil or water.

TREATMENT NO. 1 - (ACID) - 4260' - 4262'.
Treated formation down 5 1/2" OD casing with 250 gallons Dowell M-38 acid. Casing vent on new pump pressure 700#. Pressure had bleed off to 600# in 15 minutes after treatment. Injection rate .05 barrels per minute.

After recovering load oil, swabbed 5 1/2" OD casing 4 hours for 12 gallons acid water and no oil.

PERFORATION JOB NO. 2 - 4214' - 4217'.
Perforated 5 1/2" OD casing with 6 Lane-Wells Series "E" bullets per foot as follows:
2 - 1 1/2" (Lansing "J" Zone)
4 - 1 1/2" (Lansing "J" Zone)

Tested 1 hour with bailer for no shows of oil or water.

TREATMENT NO. 2 - (ACID) - 4214' - 4217'.

Treated formation down 5 1/2" OD casing with 250 gallons Dowell M-38 acid. Casing vent on new pump immediately. No pressure recorded. Injection rate 2 barrels per minute.

After recovering load oil, swabbed 5 1/2" OD casing 3 hours for 126 barrels new oil and no water.

Ran 134 joints 2" BUE 4.7# 8rd. SS J-55 R-2 "A" condition tubing set at 4252' with regular cement, 2% calcium chloride. Cement circulated to surface.

May 27, 1960 - Pumped 8 hours, 1 1/2" 8rd. SPN for 61.89 barrels of oil and no water (to establish 24 hour SCC calculated potential of 186 barrels oil and no water).

TREATMENT RECORD

DATE	TYPE TREATMENT	INTERVAL TREATED	AMOUNT OF TREATMENT
5-20-60	Acid	4260' - 4262'	250 Gallons Dowell M-38 Acid
5-20-60	Acid	4214' - 4217'	250 Gallons Dowell M-38 Acid

DEPTH	ANGLE IN DEGREES
100'	1/2
1000'	1/1
1500'	1/2
2000'	1/2
2500'	1/2
3000'	1/1
3500'	1/2
4000'	1/1
4351'	1/1

TYPE WORK	DATE COMPI.	DATE COMPI.	DATE COMPI.	DATE COMPI.

See Reverses for detail information

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