

STATE OF KANSAS  
 STATE CORPORATION COMMISSION  
 200 Colorado Derby Bldg.  
 Wichita, Kansas 67202

Form CP-4  
 Rev. 12-15-80

15-025-20277-0008

WELL PLUGGING RECORD

Give All Information Completely  
 Make Required Affidavit

COUNTY Clark SEC. 32 TWP. 31S RGE. 21 E/W (W)  
 Location as in quarters or footage from lines:  
700' FNL & 600' FEL


Locate Well  
 correctly on above  
 Section Plat.

Lease Owner Mesa Petroleum Co.  
 Lease Name McPhail Well No. #1-32  
 Office Address P.O. Box 2009 / Amarillo, Texas 79189  
 Character of Well (Completed as Oil, Gas or Dry Hole): Gas  
 Date Well Completed 4-28-79  
 Application for plugging filed 11-29-82  
 Plugging commenced 12-10-82  
 Plugging completed 12-17-82  
 Reason for abandonment of well or producing formation Non-economical

Was permission obtained from the Conservation Division or it's  
 Agent's before plugging was commenced? yes

Name of Conservation Agent who supervised plugging of this well Bob Tarbutton  
 Producing formation Morrow Depth to top 5164' bottom 5170' T.D. 5340'  
 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
Morrow				8 5/8"	607'	None
				4 1/2"	5327'	2268.66'

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.

12-13, Pumped 25 sks. cem. to 5100'. 12-15, shot pipe @ 3017', @ 2498', @ 2278'.  
12-16, Pumped 25 sks. cem. to 2278'. Pumped 70 sks. cem. from 1020' -920'. Pumped  
40 sks. cement from 550'-750'. 12-17, Capped w/10 sks. cement from 34-4'. Welded  
on steel plate w/name & date using 9.5 lbs. 38 visc. mud between plugs.

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

Name of Plugging Contractor Mike Proctor's Casing Pullers, Inc.  
3022 NW Expwy, #305, Okla.-City, OK 73112

STATE OF Kansas COUNTY OF Pottaw, ss.  
B.E. Martin (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) B.E. Martin

(Address)

SUBSCRIBED AND SWORN TO before me this 12th day of January, 1983

My Commission expires: 4/13/85

RECEIVED  
 STATE CORPORATION COMMISSION  
 WICHITA, KANSAS

XC: KCC (0+2), GEN RCDS, ACCTG, PROD (FILE), VP-MID CONT

JAN 14 1983

CONSERVATION DIVISION  
 Wichita, Kansas

DRILLERS LOG

McPhail #1-32

15-025-28277-0000

CASING RECORD:  
8 5/8" set at 607'  
cemented w/ 450 sacks

OPERATOR: Mesa Petroleum Co.

DESCRIPTION:

CONTRACTOR: Search Drilling Company

700' FNL & 600' FEL  
Sec. 32-31S-21W  
Clark County,  
Kansas

TOTAL DEPTH:

COMMENCED: April 6, 1979

5340'

COMPLETED: April 19, 1979

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Red Bed	0	610	
Red Bed	610	2080	
Red Bed and Shale	2080	2234	
Lime and Shale	2234	2955	
Lime and Shale	2955	3592	
Lime and Shale	3592	4173	
Lime and Shale	4173	4732	
Lime and Shale	4732	5085	
Lime and Shale	5085	5161	
Morrow Sand	5161	5190	
Coring	5190	5191	
Reaming	5188	5191	
Lime and Shale	5191	5337	
Lime and Shale	5337	5340	
Rotary Total Depth	5340		

Ran 125 joints of 4 1/2"  
set at 5327' with 50 sacks  
Class H, 8% gel, 10% salt,  
12 1/2# Kolite and 150 sacks  
50-50 posmix, 18% salt,  
12 1/2# Kolite, 3/4 of 1%  
TIC. Plug down at 8:30 A.M.  
April 19, 1979

I certify that this is a true and correct copy of the above log to the best of my knowledge.

SEARCH DRILLING COMPANY

*N. J. Johnson*  
N. J. Johnson

Subscribed and sworn to before me this 20th day of April, 1979.

My appointment expires:  
February 22, 1981

*Maxine Dressen*  
Maxine Dressen, Notary public



KG5 (2) 6-18  
Denver (1) 6-18

**KANSAS DRILLERS LOG**

API No. 15 — 025 — 20277-0000  
 County Number

S. 32 T. 31 R. 21 <sup>SEC</sup> W

Loc. 700 FNL 600 FEL

County Clark

Operator  
Mesa Petroleum Co.

Address  
P. O. Box 2009, Amarillo, Texas 79189

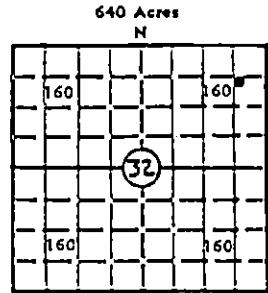
Well No. 1-32 Lease Name McPhail

Footage Location  
700 feet from (N) ~~line~~ 600 feet from (E) ~~X99X~~ line

Principal Contractor Search Geologist Ed Nichols

Spud Date 4-6-79 Total Depth 5340 P.B.T.D. 5281

Date Completed 4-28-79 Oil Purchaser



Locate well correctly

Elev.: Gr. 2037

DF 2043 KB 2046

**CASING RECORD**

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12-1/4	8-5/8	24	607	Lite, H	850	3% CaCl
Production	7-7/8	4-1/2	10.5	5327	50:50 Poz	200	8% Salt-12 1/2# Kolite

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement.	Shots per ft.	Size & type	Depth interval
			2	.38" jet	5164-5170

**TUBING RECORD**

Size	Setting depth	Packer set at
2-3/8	5093	5094

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated

**RECEIVED**  
 STATE CORPORATION COMMISSION

**DEC 1 1982**

**INITIAL PRODUCTION**

**CONSERVATION DIVISION**  
 Wichita, Kansas

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
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RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	bbls.	MCF	bbls.	CFPB

Disposition of gas (vented, used on lease or sold)	Producing interval (s)
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INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

KG-5(2) 618

Operator Mesa Petroleum Co.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1-32	Lease Name McPhail	Dry hole
S ___ T ___ R ___ E ___ W		15-025-20277-0000

**WELL LOG**

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Core #1 (5161-5191) Morrow Rec. 20' sand, 8' conglomerate			B/Heebner	4225
			Lansing	4408
			Marmaton	4930
DST #1 (5138-5179) Morrow IH, FH: 2463, 2463 ISI, FSI: 1736, 1736 IF, FF: 630, 1169			B/Inola	5143
			Morrow Sd	5158
			Miss.	5230
Rec. 2820' G, 1080' O & GCM, 1740' GCSW				
Note: Completion was attempted in Morrow; was not commercial. Well pending P&A approval.				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	<i>C. Brad Couch</i> Signature
	Staff Engineer Title
	6-18-79 Date

# Log Analysis

15-025-20277-0000

Schlumberger

COMPANY Mesa Petroleum	WELL M.Pha. 1 # 1-32
FIELD S. Beckling	COUNTY Clark
	STATE Kansas

DEPTH	R <sub>t</sub>	R <sub>w</sub>	m	Φ <sub>N</sub>	Φ <sub>D</sub>	% POROSITY X	% WATER	REMARKS			
4452/56	9	04	2.0	9	8	9	74	Prob. Wet			
4456/61	7	↑	↑	9	7	8	95	↑			
4464/70	7			12	7	10	76				
4470/75	6			15	11	13	63				
5161/67	7			1.9	9	9	9		74	Poss Show	
5167/72	5			↑	10	13	12		65	↑	
5172/78	4.5			↓	12	12	12		68		
5180/84	7			2.0	8	8	8		94	Wet	
5185/90	13			↑	8	7	8		70	"	
5207/13	10										
5237/42	24					7	8		7.5	58	Tite
5242/47	22					6	5		5.5	77	"
5252/56	60			2	3	2.5	100	Tite			

All interpretations are opinions based on inferences from electrical and other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

DATE 4-17-79	LOCATION Liberal, Ks.	ENGINEER K. Royner
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