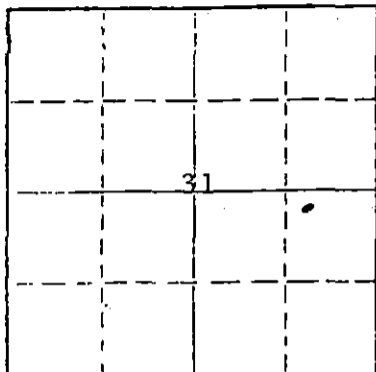


STATE OF KANSAS
STATE CORPORATION COMMISSION

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Commission
245 North Water
Wichita, KS 67202

FORM CP-4

WELL PLUGGING RECORD



Locate well correctly on above
Section Plot

Rush County, Sec. 31 Twp. 19S Rge. (E) 20 (W)
Location as "NE/CNW/SW" or footage from lines 150' FWL of NE/4SE/4
Lease Owner Mesa Petroleum Co.
Lease Name McJunkin Well No. 31-9
Office Address P. O. Box 2009, Amarillo, Texas 79105
Character of Well (completed as Oil, Gas or Dry Hole) Oil Well
Date well completed 12/9/65 19
Application for plugging filed November 15, 1977 19
Application for plugging approved November 21, 1977 19
Plugging commenced December 1, 1977 19
Plugging completed December 1, 1977 19
Reason for abandonment of well or producing formation depleted - dry

If a producing well is abandoned, date of last production November 30, 1976
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 Leo F. Massey
Producing formation Mississipian Depth to top 4412' Bottom 4422' Total Depth of Well 4422' 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
				4 1/2"	4412'	None
				8 5/8"	368'	None

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.
Spotted 25 sacks cement to 4000' through tubing, pulled tubing to 600',
spotted 75 sacks cement to surface, laid down tubing, pressured up on casing to 900 lbs.

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STATE CORPORATION COMMISSION
DEC 10 1977
12-19-77
CONSERVATION DIVISION
Wichita, Kansas

Name of Plugging Contractor Lillard & Wilson, Inc. (If additional description is necessary, use BACK of this sheet)
Address P. O. Box 962 Woodward, Oklahoma 73801

STATE OF Texas COUNTY OF Potter ss.
Mesa Petroleum Co. (Employer or Owner) or (owner or operator)

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) George [Signature]
P. O. Box 2009, Amarillo, Texas 79105
(Address)

Subscribed and sworn to before me this 16th day of December, 1977

My commission expires 2-28-79 Notary Public.

15.165.20201.00.00

SCHLUMBERGER

DUAL INDUCTION LATEROLOG

COUNTY RUSH
 FIELD or LOCATION SEC. 31-19S-20W
 WELL MC JUNKIN NO. 31-9
 COMPANY PUBCO PETR. CORP.

COMPANY PUBCO PETROLEUM CORPORATION
 WELL MC JUNKIN NO. 31-9
 FIELD SHADEL
 COUNTY RUSH STATE KANSAS
 LOCATION 150' W OF C-NE-SE
 Sec. 31 Twp. 19S Rge. 20W

Other Services:
 FDC
 SYNERGETIC

Permanent Datum: GROUND LEVEL, Elev. 2295
 Log Measured From K.B., 5 Ft. Above Perm. Datum
 Drilling Measured From K.B. Elev.: K.B. 2300
 D.F. ---
 G.I. 2295

Date	1-6-69		
Run No.	ONE		
Depth—Driller	4422		
Depth—Logger	4421		
Btm. Log Interval	4417		
Top Log Interval	370		
Casing—Driller	8 5/8 @ 374	@	@
Casing—Logger	370		
Bit Size	7 3/4		
Type Fluid in Hole	SALT EMULSION		
Dens.	9.6	57	
PH	6.4	4	ml
Source of Sample	FLOWLINE		ml
R _m @ Meas. Temp.	0.13 @ 70°F	@	@ °F
R _{mf} @ Meas. Temp.	0.09 @ 68°F	@	@ °F
R _{mc} @ Meas. Temp.	--- @ ---°F	@	@ °F
Source: R _{mf} R _{mc}	M ---		
R _m @ BHT	0.08 @ 110°F	@	@ °F
Time Since Circ.	2 HOURS		
Max. Rec. Temp.	110 °F		

The well name, location and borehole reference data were furnished by the customer.

Samples in Mud Type or Additional Samples		Type Log	Depth	Scale Changes	
Sample No.				Scale Up Hole	Scale Down Hole
Driller					
Fluid in Hole					
Visc.					
Fluid Loss	ml				
Source of Sample					
Meas. Temp.		Run No.	Tool Type	Tool Position	Other
@ °F	@ °F				
@ °F	@ °F				
@ °F	@ °F				
R _{mf} R _{mc} M	---				
BHT	0.08 @ 110°F	@	@	@	@ °F
BHT	0.05 @ 110°F	@	@	@	@ °F
BHT	--- @ ---°F	@	@	@	@ °F

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 STATE COMMISSION
 NOV 21 1977
 CONSERVATION DIVISION
 Wichita, Kansas

Run No.: ONE
 C.D.: USED
 S.O.: 1.5"
 PANEL No.: A-30
 CART. No.: A-11
 SONDE No.: A-77
 IAP No.: MMP-B-118
 S.B.R.: 2

Check one, filling in blanks where applicable:
 Surface determined sonde errors used for ILM and ILD.
 ILM and ILD sonde errors corrected for 7 7/8 inch borehole signal at R_m = 0.086
 ILM and ILD zeros set in hole at depth of _____ feet.

SPONTANEOUS-POTENTIAL millivolts
 DEPTHS
 RESISTIVITY ohms. m²/m
 LATEROLOG - 8

1-20-69 012120