

KANSAS

WELL COMPLETION REPORT AND
DRILLER'S LOGState Geological Survey
WICHITA BRANCHAPI No. 15 — 151 — 20,907
County Number

Operator

Phillips Petroleum Company

Address

P.O. Box 287, Great Bend, Kansas 67530

Well No.

2

Lease Name

Mowbray "A"

Footage Location

1650

feet from (S) line

370

feet from (W) line

Principal Contractor

Slawson Drilling Company

Geologist

K. P. Pricer

Start Date

04-29-81

Date Completed

07-10-81

Total Depth

4530'

P.B.T.D.

4318'

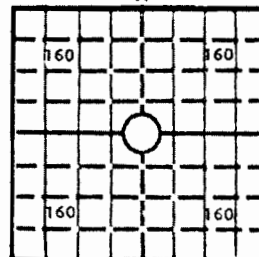
Directional Deviation

Oil and/or Gas Purchaser

S. 29 T. 26S R. 13 W

Loc. 370' FWL & 1650' FSL

County Pratt

640 Acres
NLocate well correctly
1952.12'

Elev.: Gr.

DF KB 1958.12'

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#	303'	Common	255 sx	2% gel, 3% CC & 1/4# Flocele/sk
Production	7 7/8"	5 1/2"	15.5#	4530'	50-50 Pozmix	225 sx	18% salt, 3/4% CFR-2 & 5# gilsonite/sk

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2 HPF	4" SSB	4334-4344, 4290-4298
			2 HPF	4" Goldenjet	4465-4468, 4402-4410

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	4312'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal gaswell acid-tested & squeezed w/50 sx common	4465-4468'
500 gal Dowell XL-53, W-39 -tested- Set CLBP @ 4380 w/2 sx	4402-4410'
750 gal Dowell MSR acid w/W-39 - tested squeezed w/50 sx common	4334-4344'
500 gal Dowell MSR w/W-39	4290-4298'
FRAC w/4000 gal PAD Vol. Waterfrac 30; 10,000 gal frac fluid w/10,000# 20/40 sand; 6,000 gal frac fluid w/9000# 20/40 sand	4290-4298'

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
07-10-81		Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	8.3 bbls.	--- MCF	1.8 bbls.	--- CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
-----			4290'-4298'		

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, 245 No. Water, Wichita, Kansas 67202. 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.

PT

Operator Phillips Petroleum Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 2	Lease Name Mowbray "A"	Oil
S 29 T 26S R 13 W Pratt County, Kansas		

WELL LOG			SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
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.				
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Surface	0'	303'	Log Tops:	
Lime & Shale	303'	1910'	Heebner	3658'
Lime & Shale	1910'	2630'	Brown Lime	3801'
Lime & Shale	2630'	3300'	LKC	3829'
Lime & Shale	3300'	3877'	Mississippi	4283'
Mississippi	3877'	4312'	Viola	4382'
Simpson	4312'	4530'	Simpson	4460'
Mississippi	4530'	4530'	Log TD	4530'
Simpson sand	4530'	4530'		
TD	4530'			

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

Date Received	C. D. Johnson Signature District Superintendent Title 7-10-81 Date
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