

24-2-196

JUN 1 1972

KANSAS DRILLERS LOG

S. 24 T. 2S R. 19 W
Loc. SE-NW-NE
County Phillips

API No. 15
County Number

Operator PETROLEUM MANAGEMENT, INC.

Address 1515 Vickers KSB&T Building, Wichita, Kansas 67202

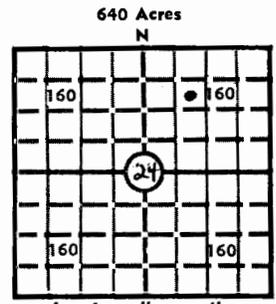
Well No. #1 Lease Name BACH

Footage Location 990' North 1650' East
feet from (N) (S) line feet from (E) (W) line

Principal Contractor Red Tiger Drilling Geologist W. H. Petersen

Spud Date 3-23-72 Total Depth 3563' P.B.T.D. 3530'

Date Completed 4-18-72 Oil Purchaser Permian



Elev.: Gr. 2169'
DF 2171' KB 2174'

CASING RECORD API # 15-147-20,150

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 Csg.	12 1/4"	8-5/8"	24#	235'	common	150	3% Calcium Chloride
Production Csg.	7-7/8"	5 1/2"	17#	3,560'	scavenger	150	
					pozmix	100	salt saturated

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	Super-Dyna Jet	3341-45 3360-62 3384-88 3500-04 3459-63

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8" EUE	3528'	None

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gallons MCA 1,700 gallons CRA	3341-45' 3360-62'
250 gallons MCA	3459-63'
500 gallons MCA 1,000 gallons CRA	3500-04'

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
4-12-72	Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
(Swab Test)	120 bbls.	0 MCF	60 bbls.	- CFPB

Disposition of gas (vented, used on lease or sold)	Producing interval (s)
-	3341-45 3360-62 3384-88 3500-04

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.

Operator **Petroleum Management, Inc** DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: **OIL**

Well No. **#1** Lease Name **BACH**

S 24 T 2S R 19 ^E/_W

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
Shale	0	880	Anhydrite	1705 + 469
Sand & Shale	830	1050	Base Anhydrite	1730 + 444
Shale	1050	1705	Topeka	3060 - 886
Anhydrite	1705	1730	Heebner	3256 -1082
Shale & Lime	1730	3100	Toronto	3284 -1110
Lime	3100	3540	Lansing	3304 -1130
Lime & Shale	3540	3563	Base K. C. R.T.D.	3526 -1352 3563 -1389

SAMPLE TOPS

ANHY	1705
TOR	3284
LKC	3304
BKC	3526
RTD	3563

DST #1 3318-63' Op 31 SI 45, Op 30 SI 45, IF 36 FF 73
ISI 1142 FSI 124. Weak blow throughout. Recovered 100' mud cut off.

DST #2 3364-3414' Op 30 SI 45 Op 30 SI 45, IF 36 FF 45
ISI 174 FSI 210. Recovered 20' drillers mud.

Welex - Radioactivity log - 2800-3528'

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



Dale Silcott
Dale Silcott Signature
Vice President Title
5-31-72 Date