

**KANSAS DRILLERS LOG**

State Geological Survey  
WICHITA, BRANCH

13-3-19w

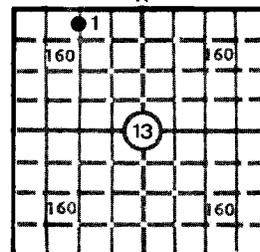
API No. 15 — 147 — 20,209  
County Number

S. 13 T. 3 R. 19<sup>EW</sup>

Loc. N2 N2 NW

County Phillips

640 Acres  
N



Locate well correctly

Elev.: Gr. 1993'

DF 1995' KB 1998'

Operator  
Petroleum Management, Inc.

Address  
400 North Woodlawn, Suite 201 Wichita, Kansas 67208

Well No. #1 Lease Name Bohl

Footage Location  
330 feet from (N) (S) line 1320 feet from (E) (W) line

Principal Contractor Red Tiger Drilling Co. Geologist William H. Petersen

Spud Date Dec. 12, 1975 Total Depth 3371 P.B.T.D.

Date Completed Dec. 18, 1975 Oil Purchaser CRA

**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 Casing	12 1/4"	8 5/8	20#	210'	Common	170	3% Gel-2% Gel.
Prod. Casing	7 7/8"	4 1/2	10 1/2#	3341'	S-S 50/50 Pozmix	150	-----

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	3 1/8 D.P.	3174-78; 3192-96;
					3219-23; 3234-38;
					3176; 3194;
					3221; 3235;

**TUBING RECORD**

Size	Setting depth	Packer set at			
2 3/8"	3369	-----	1		

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

Amount and kind of material used	Depth interval treated
3000 Gal. 15% Non-E Acid	3176; 3194; 3221; 3235;

**INITIAL PRODUCTION**

Date of first production Feb. 4, 1976 Producing method (flowing, pumping, gas lift, etc.) Pumping

RATE OF PRODUCTION PER 24 HOURS  
Oil 35 bbls. Gas MCF 53 bbls. Gas-oil ratio CFPB

Disposition of gas (vented, used on lease or sold) Producing interval(s) 3176; 3194; 3221; 3235; 3174-78; 3192-96; 3219-23; 3234-38;

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.:

Well No. **1** Lease Name **Bohl** Oil

S. 13 T. 3 R. 19 <sup>K</sup> 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	195	Anhydrite	1507 +491
Shale	195	220	Base Anhydrite	1529 +469
Clay & Shale	220	650	Wreford	2195 -197
Sand	650	680	Neva	2407 -409
Shale	680	870	Topeka	2902 -904
Shale	870	1075	Heebner	3094 -1096
Sand	1075	1220	Toronto	3123 -1125
Shale & Redbed	1220	1460	Lansing-K.C.	3141 -1143
Shale	1460	1507	Base K.C.	3363 -1365
Anhydrite	1507	1529	RTD	3371 -1373
Shale & Shells	1529	1800		
Shale & Shells	1800	2093		
Shale & Lime	2093	2312		
Shale & Lime	2312	2443		
Shale & Lime	2443	2590		
Shale & Lime	2590	2752		
Lime & Shale	2752	2870		
Lime	2870	2980		
Lime	2980	3113		
Lime	3113	3200		
Lime	3200	3220		
Lime	3220	3250		
Lime	3250	3330		
Lime	3330	3371		
RTD		3371		

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

Date Received \_\_\_\_\_  
 \_\_\_\_\_  
 Signature  
 \_\_\_\_\_  
 Vice President  
 Title  
 \_\_\_\_\_  
 5/11/76  
 Date