

**IMPORTANT**  
Kans. Geo. Survey request  
samples on this well.

API No. 15 — 023 — 20,012  
County Number

S. 10 T. 35 R. 41 <sup>N</sup>/<sub>W</sub>  
Loc. 660' FNL & 660' FWL  
County Cheyenne

Operator  
Shakespeare Oil Company

Address  
Box 669 Salem, Illinois

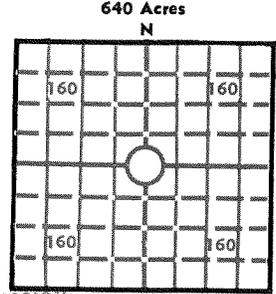
Well No. 1 Lease Name Marvin Orth

Footage Location  
660 feet from (N) <sup>☞</sup> line 660 feet from (W) <sup>☞</sup> line

Principal Contractor Murfin Drlg. Co. Geologist David Brierley

Spud Date Nov. 3, 1975 Total Depth 4770 P.B.T.D.

Date Completed Feb. 19, 1976 Oil Purchaser Koch Oil Co.



RECEIVED  
STATE CORPORATION COMMISSION  
FEB 24 1976

Elev.: Gr. \_\_\_\_\_  
DF \_\_\_\_\_ KB \_\_\_\_\_

**CASING RECORD**

CONSERVATION DIVISION  
Wichita, Kansas

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#	280	Comm.	225	2% cc., 2% Ge1
Production	7 7/8"	4 1/2	10.5#	4752	C1 "A" Comm.	150	18% Salt

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type D. P.	Depth interval
			4		4662-66

**TUBING RECORD**

Size	Setting depth	Packer set at
2 3/8	4714	

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

Amount and kind of material used	Depth interval treated
500 Gal 15% MCA	

**INITIAL PRODUCTION**

Date of first production <u>2/19/76</u>		Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>	
RATE OF PRODUCTION PER 24 HOURS	Oil <u>216</u> bbls.	Gas <u>None</u> MCF	Water <u>None</u> bbls.
Disposition of gas (vented, used on lease or sold)		Producing interval (s) <u>4662-66</u>	
		CFPB	

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		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1	Lease Name Marvin Orth	Oil
S 10 T 3S R 41 W		

<b>WELL LOG</b>	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
Top soil, clay		45	Niobrara	1444
Sand, clay		100	Topeka	4314
Sand, gypsum		265	Oread	4390
Shale		295	Lans.	4460
Sand, shale		550	B.K.C.	4700
Shale		1985	LTD	4700
Shale, sand		2445		
Shale		2580		
Shale, lime		2590		
Shale		2900		
Shale, sand		3080		
Shale, pyrite, lime		3220		
Lime, shale		4470		
Lime		4470		
Lime, shale		4505		
Lime		4770		
TD		4770		
DST #1: 4434-70/30,30,30,45, weak blow, died 14 min, rec. 5' Drlg mud, IFP 46#, FFP 46#, FSIP 46#				
DST #2: 4624-4668/30,30,30,60, good blow, rec. 245 muddy, gassy oil, 60' clean oil, 60' HOCM, 60' OCM, 120' slightly OCM (34 gravity), IFP 242#, FFP 300#, ISIP 1540, FSIP 1540				

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

Date Received	
	Signature
	Executive Vice President
	Title
	February 20, 1976
	Date