

WICHITA BRANCH
KANSAS DRILLERS LOG

S. 16 T. 26S R. 39 W
Loc. 1320' FEL & 2640' FSL
County Hamilton

API No. 15 — 075 — 20,179
County Number

Operator
Ashland Exploration, Inc.

Address
50 Penn Place, Suite 1200, Okla. City, Okla. 73118

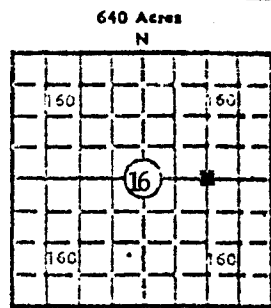
Well No. 2-16 Lease Name Hoffman

Footage Location
2640 feet from (S) line 1320 feet from (E) line

Principal Contractor Earl F. Wakefield Geologist

Spud Date 5-17-77 Total Depth 2950' P.B.T.D. 2949'

Date Completed 5-20-77 Oil Purchaser



Locate well correctly
Elev.: Gr. 3356'
DF KB 3364'

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 1/2"	8 5/8"	24#	644'	Class H	350	3% CaCl 1/2# D-29
Production	7 7/8"	5 1/2"	14#	2948'	35-65 Lite Poz ³	500	6% Gel 1/2# D-29
					Class H	150	18% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	JET	2799' - 2896' (OA)

Size	Setting depth	Packer set at
2 3/8"	2940'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized W 3000 Gal. 15% HCl	
Fractured W/100,000# 10-20 sd., 100,000 GFW	2799' - 2896' (OA)

INITIAL PRODUCTION

Date of first production 8/2/77	Producing method (flowing, pumping, gas lift, etc.) Flowing
RATE OF PRODUCTION PER 24 HOURS	Oil ----- bbls. Gas 1226 MCF Water 4 bbls. Gas-oil ratio ----- CFPB
Disposition of gas (vented, used on lease or sold) Sold	Producing interval (s) 2799' - 2896' (OA)

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

Operator

Ashland Exploration, Inc.

DESIGNATE TYPE OF COMP.:
DRY HOLE, SWDW, ETC.:

Well No.

2-16

Lease Name

Hoffman

Gas

S 16 T 26S R 39 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
Surface Sand - Red Bed	0	644		
Red Bed & Shale - Sand	644	1250		
Shale, Gyp - Anhydrite	1250	1843		
Salt, Anhydrite, Lime & Shale	1843	2217		
Shale & Lime	2217	2683		
Lime & Shale	2683	2950		
R. T. D.		2950		

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

Date Received

Carl K. Johnson
REG. TRNG. Supt.
 Title
8/23/77
 Date