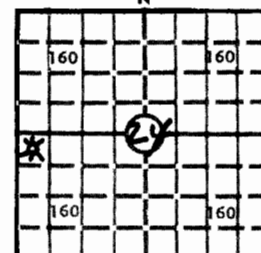


KANSAS DRILLERS LOG

State Geological Survey
WICHITA, BRANCHAPI No. 15 — 145 — 20,273
County NumberS. 24 T. 22 R. 16 XX
WLoc. NW NW SWCounty Pawnee640 Acres
N

Locate well correctly

Elev.: Gr. 2002DF 2007 KBOperator ENTERPRISES
Hershberger Exploration, Inc.Address 200 W. DOUGLAS SUITE 230 GARVEY EASTWell No. #1 Lease Name BarstowFootage Location 2310 feet from 45 (S) line 330 feet from 45 (W) linePrincipal Contractor H-30 Geologist BILL SLADEKSpud Date 11-29-72 Total Depth 4000 P.B.T.D. 3975Date Completed 12-10-72 (ROTARY) Purchaser KANSAS-NEBRASKA12-28-72 (CABLE TOOL)
7-28-73 (ON LINE) 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
<u>SURF.</u>	<u>12 3/4"</u>	<u>8 5/8"</u>	<u>18*</u>	<u>200</u>	<u>COMMON</u>	<u>150</u>	<u>3% CAC</u>
<u>PRODUCTION</u>	<u>7 7/8"</u>	<u>4 1/2"</u>	<u>9.5*</u>	<u>3999</u>	<u>POSMIX</u>	<u>125</u>	<u>SALT SAT</u> <u>POSMIX</u>

RECEIVED

STATE CORPORATION COMMISSION

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
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PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
<u>4</u>	<u>1/2" Bullet</u>	<u>3935-41</u>
<u>4</u>	<u>"</u>	<u>3944-48</u>

TUBING RECORD

Size	Setting depth	Packer set at
<u>2" GUE</u>	<u>3975</u>	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
<u>500 GAL 15% MUD ACID</u>	<u>3935-41 ; 3944-48</u>
<u>15000# 20-40 SD 30,000 GAL GELLED WTR.</u>	<u>" "</u>

INITIAL PRODUCTION



Date of first production 7-28-73		Producing method (flowing, pumping, gas lift, etc.) Flow-Pump			
Rate of production per 24 hours	Oil no	Gas 225	Water 15	Gas-oil ratio	
	bbls.	MCF	bbls.	CFPB	
Disposition of gas (vented, used on lease or sold) SOLD			Producing interval (s) 3935-41 ; 3944-48		

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 HERSHBERGER ENTERPRISES, INC.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1	Lease Name BARSTON	GAS WELL
S 27 T 22 R 16 W +		

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
<p>SEE ATTACHMENT</p>				

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

Date Received 	 Signature
	VICE-PRES. Title
	2-26-74 Date

1780941