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KANSAS

**WELL COMPLETION REPORT AND
DRILLER'S LOG**

API No. 15 — 083 — 20,074
County Number

Operator
Pendleton Land and Exploration, Inc.

Address
23 Inverness Way East, Englewood, CO 80112

Well No. 1 Lease Name Hann

Footage Location
330 feet from (N) line 2640 feet from (E) line

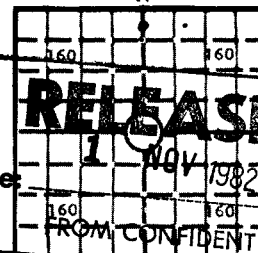
Principal Contractor Inland Drilling Company Geologist John Youle

Spud Date 6/08/80 Date Completed 11/30/80 Total Depth 4400 P.B.T.D.

Directional Deviation Oil and/or Gas Purchaser Clear Creek

S. 26 T. 22S R. 22
Loc. C N $\frac{1}{2}$ N $\frac{1}{2}$ N $\frac{1}{2}$
County Hodgeman

640 Acres
N



Date 1 NOV 1982

Locate well correctly

Elev.: Gr. 2155'

DF KB 2166

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 $\frac{1}{4}$	8 5/8	23	1338	Lite poz	400 150	3% cc 3% cc, 2% gel
Production		4 $\frac{1}{2}$	10.5	4394	60/40 poz	100	18% salt 3/4 of 1% CFR2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
4351	4392	20			
TUBING RECORD			4		4395-4405
Size 2 3/8	Setting depth 4390	Packer set at none	4		4324 $\frac{1}{2}$ -4325 $\frac{1}{2}$

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal MCA	4395-4405
250 gal MCA, 200 gal MOD 202	4324 $\frac{1}{2}$ -4325 $\frac{1}{2}$

INITIAL PRODUCTION

Date of first production 11/14/80	Producing method (flowing, pumping, gas lift, etc.) pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 20.8 bbls. Gas 0 MCF Water 4.2 bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval (s) 4324 $\frac{1}{2}$ -4325 $\frac{1}{2}$

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, 245 No. Water, Wichita, Kansas 67202. 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 Pendleton Land and Exploration, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:															
Well No. 1	Lease Name Hann	Oil															
S <u>26</u> T <u>22</u> S <u>R</u> <u>22</u> ^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	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; padding: 5px;">NAME</th> <th style="width: 50%; padding: 5px;">DEPTH</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Heebner</td> <td style="padding: 5px;">3712</td> </tr> <tr> <td style="padding: 5px;">Lansing</td> <td style="padding: 5px;">3786</td> </tr> <tr> <td style="padding: 5px;">Ft Scott</td> <td style="padding: 5px;">4254</td> </tr> <tr> <td style="padding: 5px;">Cherokee</td> <td style="padding: 5px;">4304</td> </tr> <tr> <td style="padding: 5px;">Miss</td> <td style="padding: 5px;">4388</td> </tr> <tr> <td colspan="2" style="padding: 5px;"> Logs run by PetroLog: BHCS/INT RAG GR/N </td> </tr> </tbody> </table>	NAME	DEPTH	Heebner	3712	Lansing	3786	Ft Scott	4254	Cherokee	4304	Miss	4388	Logs run by PetroLog: BHCS/INT RAG GR/N	
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DST #1 Mississippian - 15"42"60"57" Fair blow on initial flow period. Weak blow on final flow period, died in 5 minutes. Recovered 75' CO, 75' HOCM HP 2024-2018, IFP 83-94, FP 79-105 ISIP 1367-1340	4368	4409															
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.																	
Date Received	 Lee Brian VanRamshorst Manager of Operations Title June 11, 1981 Date																