

KANSAS

WELL COMPLETION REPORT AND
DRILLER'S LOGState Geological Survey
WICHITA BRANCH
Renewed 2/26/82

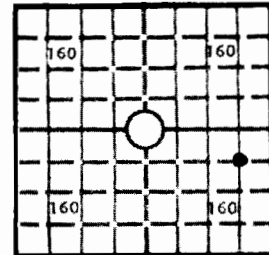
As allowed under Rule 82-2-125

CONFIDENTIAL

S. 31 T. 24S R. 29 W

Loc. C NE SE

County Gray

640 Acres
N

Locate well correctly

2820'

Elev.: Gr.

2826'

KB 2829'

DF

KB

API No. 15 — 069 — 20,092
County Number

Operator

Pendleton Land and Exploration, Inc.

Address

23 Inverness Way East Englewood, CO 80112

Well No.

1

Lease Name

Kramer

Footage Location

1980 feet from (X) (S) line 660' feet from (E) (W) line

Principal Contractor

Silverado Drilling

Geologist

Bill Ree

Spud Date

12/30/80

Date Completed

1/17/81

Total Depth

5100'

P.B.T.D.

Directional Deviation

Oil and/or Gas Purchaser
Permian

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	363'	lite	250	3% cc 1# flocele
Production	7-7/8"	4 $\frac{1}{2}$	10.5	5100'	lite 60-40 poz	25 250	10% salt, .75% CFR2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4		4904-4910
TUBING RECORD					
Size	Setting depth	Packer set at			
2 $\frac{1}{2}$ "	4890'				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
600 gal MCA, 1000 gal 15% HCl, 7500 gal MOD 202	4904-4910

RELEASED

Date: 19 JAN 1983

FROM CONFIDENTIAL

INITIAL PRODUCTION

Date of first production 3/02/81	Producing method (flowing, pumping, gas lift, etc.) pumping		
RATE OF PRODUCTION PER 24 HOURS	Oil 35 bbls.	Gas MCF	Water 1.85 bbls.
Disposition of gas (vented, used on lease or sold)		Producing interval (s) 4904-4910	
		Gas-oil ratio 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, 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.: oil
Well No. 1	Lease Name Kramer	
S 31 T 24S R 29 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
Heebner	4124	-1295	Logs run by Schlumberger:	
Toronto	4138	-1309		
Lansing	4208	-1378	DIL BHCS CNL/FDC/GR	
BKC	4632	-1803		
Marmaton	4640	-1811	Log run by Petro-Log: Gamma Ray/ Cmt Top	
Pawnee	4718	-1889		
Fort Scott	4740	-1911		
Cherokee	4756	-1927		
Ste Gen	4883	-2054		
St Louis	4904	-2075		
DST #1 - Topeka - 4530-4600 - Packer failed				
DST #2 - Topeka - 4489-4604 - Packer failed				
DST #3 - St Louis - 4846-5083 30"45"60"60" Good blow to strong in 15 min. Rec 1980' GIP, 40' GCM, 60' GCM 180' Frothy Free oil, 840' Gassy Free Oil - 32°F - 66°F				
ISIP 1244, FSIP 1045, IFP 172-315, FFP 386-487, IHP 2436, FHP 2296				
			RTD: 5100'	
			LTD: 5083'	

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

Date Received	 Lee Brian VanRamshorst Manager of Operations Title June 11, 1981 Date
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DRILLER'S LOG

COMPANY: Pendleton Land & Exploration, Inc.

State *Nebraska* *Number*
SEC. ~~21~~³¹ T. 24S R. 29W

WELL NAME: Kramer #1

LOC. C NE SE

COUNTY: Gray

RIG NO. #8

TOTAL DEPTH 5100'

ELEVATION

COMMENCED: 12-30-80 COMPLETED: 1-17-81

CONTRACTOR: Silverado Drilling, Inc.

CASING RECORD:

SURFACE: 8 5/8" @ 363' w/250 sx. Lite, 3% cc., 1/4# flocele.

PRODUCTION: 4 1/2" @ 5097' w/25 sx. Lite and 250 sx. 60/40 poz.,
10% salt, 3/4 of 1% CFR2.

LOG

(Figures Indicate Bottom of Formations)

Sand & Shale	1344
Shale	1777
Lime & Shale	3679
Lime	3800
Lime & Shale	4609
Shale & Lime	4720
Lime & Shale	5100
<u>ROTARY TOTAL DEPTH</u>	<u>5100</u>

STATE OF Kansas)

COUNTY OF Sedgwick)

SS:

I, Joseph B. Brungardt, Jr., Acct. of Silverado Drilling, Inc.