

KANSAS

WELL COMPLETION REPORT AND
DRILLER'S LOGAPI No. 15 — 195 — 20,619
County Number

Operator

Gear Petroleum Co., Inc.

Address

300 Sutton Place, Wichita, Kansas 67202

Well No.

2

Lease Name

Herl

Footage Location

1650 feet from (N) (S) line 990 feet from (E) (W) line

Principal Contractor

Red Tiger Drilling Co.

Geologist

George Dent

Spud Date

3-19-80

Date Completed

4-1-80

Total Depth

4020

P.B.T.D.

4001

Directional Deviation

Oil and/or Gas Purchaser

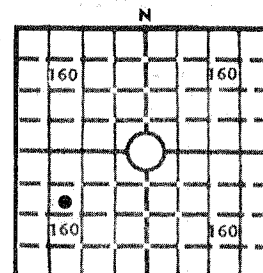
Koch

S. 7 T. 13 R. 21 W

Loc. SE NW SW

County Trego

640 Acres



Locate well correctly

Elev.: Gr. 2243

DF KB 2248

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	28	234	Common	195	3% CaCl., 2% gel
		4 $\frac{1}{2}$	9 $\frac{1}{2}$	4001	Common	200	10% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4		3941-3951 & 3926-3931
TUBING RECORD					
Size	Setting depth	Packer set at			
2 3/8	3960				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 gals BDA; 3000 gals 15% HCL; Frac w/10,000 lbs sand in	3926-51
10,000 gals 1% acid water w/4000 gals pad, 4000 gals. flush	

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)				
4-30-80	Pumping				
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	70 bbls.	None MCF	3 bbls.	—	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		
			3926-51		

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 Gear Petroleum Co., Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:		
Well No. 2	Lease Name Herl	Oil		
S <u>7</u> T <u>13</u> R <u>21</u> ^E _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
DST #1 30-30-30-30, Very weak blow, 15' mud; IFP 54-54, FFP 62-62, SIP 1125-1085	3575	3610	LOG TOPS	
			Anhydrite	1672 +576
			B/Anhydrite	1717 +531
			Heebner	3555 -1307
DST #2 30-30-45-60; weak blow throughout; Rec. 135 MSW with S/O; IFP 75-85; FFP 101- 109; BHP 1251-1235	3610	3650	Toronto	3570 -1322
			Lansing	3587 -1339
			B/KC	3828 -1580
			Pawnee	3920 -1672
			Arbuckle	4009 -1761
DST #3 30-30-45-60, Rec. 15' O & WCM (15% oil) + 120 Shi. OCMW (1% oil), IFP 54-62; FFP 78-93; SIP 600/600	3648	3680	LTD	4028 -1785
			RTD	4020 -1772
DST #4 30-30-30-30, Rec. 15' mud with S/O; IFP 62-62; FFP 70-70; SIP 662-420	3712	3775		
DST #5 30-30-45-60, Rec. 130' GIP + 170 Gassy MCO; IFP 54-62; FFP 78-85; SIP 1141/1164	3921	3950		
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
Date Received	Jim Thatcher Engineer Signature Title Date			