PI

State Geological Survey
WICHITA BRANCH

KANSAS DRILLERS LOG

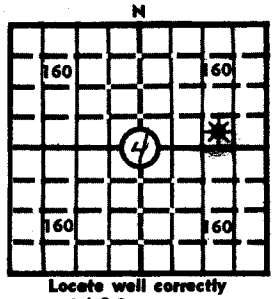
S. 4 T. 28 R. 5 XE W

API No. 15 — 095 (County) — 20,767 (Number)

Loc. SW SE NE

County Kingman

640 Acres
N



Locate well correctly

Elev.: Gr. 1429

DF _____ KB 1434

Operator
Gear Petroleum Co., Inc.

Address
300 Sutton Place, Wichita, Kansas 67202

Well No. 3

Lease Name Brown

Footage Location
330 feet from (S) line 990 feet from (E) line

Principal Contractor
Red Tiger Drilling Co.

Geologist
George McCaleb

Spud Date
9-29-78

Total Depth
3789

P.B.T.D.

Date Completed
10-9-78

Oil Purchaser
Ashland
Gas-Northern Natural

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	12¼"	8 5/8		205	Common	175	2% Gel, 3% CaCl
Production	7 7/8	4½		3780	Common	160	None

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2	3780	

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
None		

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gallons BDA; 1,000 gallons 15% BDA	3780-89

INITIAL PRODUCTION

Date of first production 1/14/79

Producing method (flowing, pumping, gas lift, etc.) Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	30 bbls.	30 MCF	40 bbls.	1,000 CFPB

Disposition of gas (vented, used on lease or sold)
Sold to Northern Natural

Producing interval(s)
3780-89

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	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Gear Petroleum Co., Inc.	
Well No. 3 / **Lease Name** Brown	Oil & Gas Well
S 4 T 28 R 5 ~~XXX~~ 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	
DST #1 30-30-45-45", GTS 20", Max 10.1 MCF declined to 5.6 MCF, rec. 125' GCM, 360' GCW, SIP 1300-1300#, FP 75-141#, 157-274#	3756	3779	SAMPLE TOPS		
			Indian Cave	1732	-298
			T/shly ss	1765	-331
			Heebner	2690	-1256
DST #2 30-30-45-45", GTS 35", 2nd open ggd 28,000/5", 27,300/10", 23,700/15", 20,900/20", 20,900/25", 21,900/30", 22,800/35" & stab. Rec. 60' GOCM, 650' HGCO, 130' GCSW, SIP 1420-1412#, FP 39-157#, 196-345#.	3781	3789	Douglas	2779	-1345
			Brown Lime	2923	-1489
			Lansing	2960	-1526
			Stark	3349	-1915
			Hertha	3382	-1948
			B/KC	3417	-1983
			Mississippi	3754	-2320
			Miss. Dolomite	3779	-2345

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

Date Received	
	Jim Thatcher — Signature
	Engineer — Title
	6/2/81 — Date