

KANSAS DRILLERS LOG

S. 13 T. 21 R. 35 E. W

API No. 15 — 093 — 20612
 County Number

Loc. 150' NC-SW-NE

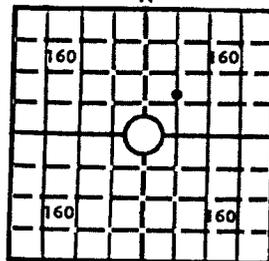
Operator
 Gas Producing Enterprises, Inc.

County Kearny

Address
 P.O. Box 1332, Amarillo, TX 79189

640 Acres

Well No. #5 Lease Name Unruh



Elev.: Gr. 3067.0

Footage Location
 1830 feet from (N) CRS line 1980 feet from (E) CRS line

Principal Contractor Gabbert-Jones, Inc. Geologist Phil Moser

Spud Date 12-8-79 Total Depth 4950' P.B.T.D. 4898'

Date Completed 1-3-80 - Perforating Oil Purchaser Derby Refining
 12-20-79 - Drilling

DF _____ KB _____

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 1/4"	8 5/8"	24#	532'	HLC	250	CaCl 2%
					Class "H"	100	CaCl 3%
Production	7 7/8"	5 1/2"	14#	4932'	Poz	170	12 1/2# Gilsont 18% Salt 3/4 CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	4"	4828' - 4844'
TUBING RECORD			2	4"	4850' - 4852'
Size	Setting depth	Packer set at			
2 3/8"	4857'				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used

Depth interval treated

Frac w/1000 gal 7 1/2% acid spearhead & 5000 gal gelled acid

3% pad, 17,500# sand. Flush w/20 bbl 2% KCL water

INITIAL PRODUCTION

Date of first production 1-06-80		Producing method (flowing, pumping, gas lift, etc.) Swab			
RATE OF PRODUCTION PER 24 HOURS	Oil 50 bbls.	Gas NIL MCF	Water 15 bbls.	Gas-oil ratio NIL CFPB	
Disposition of gas (vented, used on lease or sold) N/A			Producing interval (s) 4828' - 4852'		

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
Gas Producing Enterprises, Inc.

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:

Well No. 5 Lease Name Unruh Oil

S 13 T 21 R 35 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

Krider	2639			
Council Grove	2918			
Lansing	3922			
Marmaton	4450			
Morrow Shale	4787			
Morrow Sand	4822			
Perf 4828'-4844' and 4850'-4852' w/2 SPF (36 shots)				
Mississippian	4866			

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

Date Received

Jim Williams

Signature

Operations Supervisor

Title

March 26, 1980

Date

GABBERT-JONES, INC.
WICHITA, KANSAS
DRILLERS' WELL LOG

Unruh #5
1830' FNL & 1980' FEL Sec 13-21S-35W
Kearny County Kansas

Commenced: 12-8-79

Completed: 12-20-79

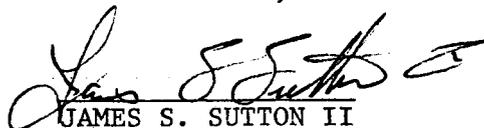
OPERATOR: Gas Producing Enterprises, Inc.

From	Depth to	Formation	Remarks
0	497	Sand-Shale	Ran 13 jts of 24# 8 5/8"
497	545	Shale-Sand	csg set @ 536' KB
545	1138	Blue Shale-Sand	Cemented w/250 sks Howcolite
1138	1690	Shale-Sand	3% CC + 100 sks Class H
1690	2580	Shale	3% PD @ 7:45 p.m.
2580	3711	Shale-Lime	12-8-79
3711	3926	Lime-Shale	
3926	4043	Shale-Lime	
4043	4318	Lime-Shale	Ran 122 jts of 14# 5 1/2"
4318	4416	Shale-Lime	csg set @ 4928' Cemented
4416	4833	Lime-Shale	w/170 sks 50/50 Posmix
4833	4898	Lime-Shale-Sand	12 1/2# Gilsonite - 18% Salt
4898	4950	Lime-Shale	3/4% CFR-2
			PD @ 6:30 a.m. 12-20-79
	4950 - TD		

STATE OF KANSAS)
) SS
COUNTY OF SEDGWICK)

I, the undersigned, being duly sworn on oath, state that the above Drillers' Well Log is true and correct to the best of my knowledge and belief and according to the records of this office.

GABBERT-JONES, INC.


JAMES S. SUTTON II

Subscribed and sworn to before me this 27th day of December, 1979.


ELIZABETH J. EDWARDS-NOTARY PUBLIC

My Commission expires February 6, 1983.