

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on side one will be of public record and side two will then be held confidential.

Circle one: Oil, Gas, Dry, SWD, OWWO, Injection. Type and complete ALL sections.

Applications must be filed for dual completion, commingling, SWD and injection, T.A.

X Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR Liberty Enterprises, Inc.
ADDRESS 308 West Mill
Plainville, Ks 67663

API NO. 15-163-21,662 -0 0-0 0
COUNTY Rooks
FIELD RIFFE

\*\*CONTACT PERSON Charles G. Comeau
PHONE 913-434-4686

PROD. FORMATION Arbuckle

PURCHASER CRA Inc.,

LEASE Liebenau

ADDRESS P.O. Box 7305
Kansas City, Missouri

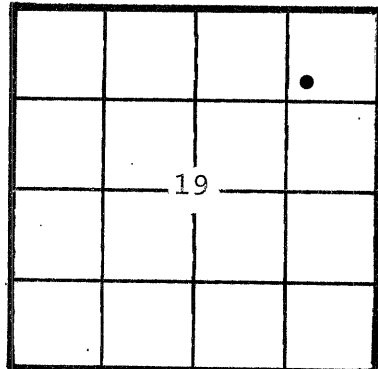
WELL NO. #5

DRILLING Pioneer Drilling Company
CONTRACTOR ADDRESS 308 West Mill
Plainville, Ks 67663

WELL LOCATION SW NE NE
990 Ft. from North Line and
990 Ft. from East Line of
the NE/4 SEC. 19 TWP. 7s RGE. 17W

PLUGGING CONTRACTOR ADDRESS

WELL PLAT



KCC
KGS
(Office Use)

TOTAL DEPTH 3320' PBD 3308'

SPUD DATE 4-20-82 DATE COMPLETED 5-7-82

ELEV: GR 1749 DF 1751' KB 1754'

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS

Amount of surface pipe set and cemented 13 3/8" set @ 130'. DV Tool Used?
8 5/8" set @ 1203'

AFFIDAVIT

STATE OF Kansas, COUNTY OF Rooks SS, I,

Charles G. Comeau OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS Secretary-Treasurer (FOR)(OF) LIBERTY ENTERPRISES, INC.

OPERATOR OF THE Liebenau LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. #5 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 7th DAY OF May, 19 82, AND THAT

ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

FURTHER AFFIANT SAITH NOT.

(S) [Signature] Charles G. Comeau

SUBSCRIBED AND SWORN BEFORE ME THIS 12th DAY OF May, 19 82

SHARON WILLIAMS
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 10-24-84

MY COMMISSION EXPIRES:

RECEIVED
CORPORATION COMMISSION
MAY 13 1982
5-13-82
CONSERVATION DIVISION
Wichita, Kansas

\*\*The person who can be reached by phone regarding any questions concerning this information. Within 45 days of completion, a witnessed initial test by the Commission is required if the well produces more than 25 BOPD or is located in a Basic Order Pool.

**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
shale and sand	0'	130'		
shale and sand	130'	170'		
sand and shale	170'	695'		
shale	695'	713'		
sand	713'	901'		
shale	901'	1000'		
shale	1000'	1193'		
anhydrite	1193'	1204'		
anhydrite	1204'	1226'	Anhydrite	1205 (+549)
sand and shale	1226'	1665'		
shale	1665'	1800'		
shale	1800'	1885'		
shale and lime	1885'	2159'		
shale and lime	2159'	2400'		
lime and shale	2400'	2630'		
lime and shale	2630'	2743'		
lime and shale	2743'	2865'		
lime and shale	2865'	2980'	Topeka	2675 (-921)
lime and shale	2980'	3050'	Heebner	2886 (-1132)
lime and shale	3050'	3114'	Toronto	2909 (-1155)
lime and shale	3114'	3190'	Lansing	2929 (-1175)
lime and shale	3190'	3223'	Base	3157 (-1403)
arbuckle	3223'	3242'	Arbuckle	3225 (-1471)
arbuckle	3242'	3289'		
arbuckle	3289'	3320'		
	3320'	R.T.D.		

Report of all strings set — surface, intermediate, production, etc. **CASING RECORD** (New) or ~~(Used)~~

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Conductor String	17 1/4"	13 3/8"	35#	130'	common	135	3%cc 2%gel
Surface String	12 1/4"	8 5/8"	23#	1203'	common 60-40pos	75 350	3%cc 2%gel 3%cc 2%gel
Production	7 7/8"	5 1/2"	14#	3311'	A.S.C.	200	

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4 per 1'		3230-3240

Size	Setting depth	Packer set at
2 7/8"	3285'	

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated

Date of first production 5-7-82	Producing method (flowing, pumping, gas lift, etc.) Pumping	Gravity
RATE OF PRODUCTION PER 24 HOURS	Oil 85 bbls.	Gas MCF
Disposition of gas (vented, used on lease or sold)	Water %	Gas-oil ratio CFPB
Perforations		