

31-11-16W

JUL

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.

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.

API NO. 15-051-22,725

ADDRESS 308 West Mill

COUNTY Ellis

Plainville, Ks 67663

FIELD State Geological Survey WICHITA, BRANCH

**CONTACT PERSON Charles G. Comeau

PROD. FORMATION

PHONE 913-434-4686

LEASE Arrowhead

PURCHASER

WELL NO. #1

ADDRESS

WELL LOCATION NW NW NW

DRILLING Contractor Pioneer Drilling Company

330 Ft. from North Line and

CONTRACTOR ADDRESS 308 West Mill

330 Ft. from West Line of

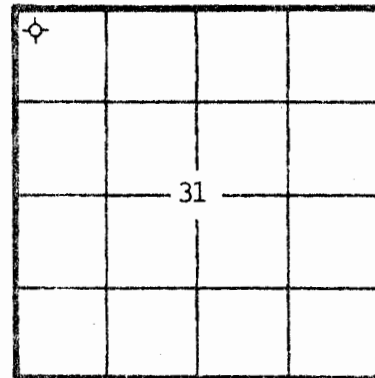
Plainville, Ks 67663

the NW/4SEC. 31 TWP. 11s RGE. 16W

PLUGGING Contractor Pioneer Drilling Company (Thomas Alm)

WELL PLAT

CONTRACTOR ADDRESS 308 West Mill



KCC KGS (Office Use)

Plainville, Ks 67663

TOTAL DEPTH 3535' PBTD

SPUD DATE 3-29-82 DATE COMPLETED 4-4-82

ELEV: GR 1916' DF 1919' KB 1921'

DRILLED WITH (XXXXX) (ROTARY) (XXXXX) TOOLS

Amount of surface pipe set and cemented 306' DV Tool Used?

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 Arrowhead LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 1 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 4th DAY OF April, 19 82, AND THAT

82770

31-11-16w

SIDE TWO

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
sand and shale	0'	319'		
shale and sand	319'	570'		
sand and shale	570'	1096'		
anhydrite	1096'	1132'		
shales	1132'	1370'		
shales	1370'	1837'		
shales and lime	1837'	2090'		
shales and lime	2090'	2242'		
lime and shale	2242'	2425'		
lime and shale	2425'	2635'		
lime and shale	2635'	2850'		
lime and shale	2850'	2980'	Topeka	2852 (-931)
lime and shale	2980'	3095'	Heebner	3092 (-1171)
lime and shale	3095'	3230'	Toronto	3114 (-1193)
lime and shale	3230'	3325'	Lansing	3139 (-1218)
lime and shale	3325'	3412'	Base	3375 (-1454)
lime and shale	3412'	3505'	Arbuckle	3500 (-1579)
arbuckle	3505'	3535'		
	3535'	R.T.D.		

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

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs./ft.	Setting depth	Type cement	Socks	Type and percent additives
Surface Casing	12 1/4"	8 5/8"	24#	306'	common	170	3%cc 2%gel

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD		
Size	Setting depth	Packer set at