

21-7-17W

Ind PC

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

State Geological Survey

WICHITA BRANCH

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a 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.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

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

LICENSE # 5562 EXPIRATION DATE 6-30-83

OPERATOR Liberty Enterprises, Inc. API NO. 15-163-21,551

ADDRESS 308 West Mill COUNTY Rooks

Plainville, Kansas 67663 FIELD

\*\* CONTACT PERSON Charles G. Comeau PROD. FORMATION KC & Topeka
PHONE 913-434-4686

PURCHASER CRA, Inc. LEASE Bittel

ADDRESS P.O. Box 7305 WELL NO. 1

Kansas City, Missouri WELL LOCATION SW SW NW

DRILLING Pioneer Drilling Company, Inc. 2310 Ft. from North Line and

CONTRACTOR 330 Ft. from West Line of

ADDRESS 308 West Mill the NW/4(Tr.) SEC 21 TWP 7S RGE 17W.

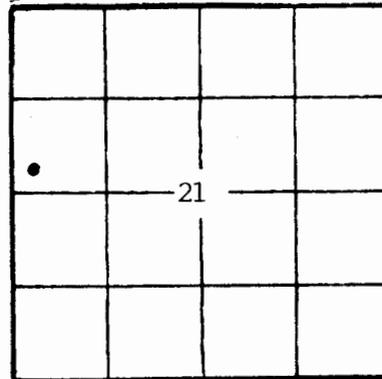
Plainville, Kansas 67663

PLUGGING CONTRACTOR

ADDRESS

WELL PLAT

(Office Use Only)



KCC
KGS
SWD/REP
PLG.

TOTAL DEPTH 3490' PBD 3380'

SPUD DATE 2-11-82 DATE COMPLETED 3-3-83

ELEV: GR 1744' DF 1747' KB 1749'

DRILLED WITH (CABLE) (ROTARY) (SMB) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE

Amount of surface pipe set and cemented 13 3/8" @ 128' DV Tool Used? No.
8 5/8" @ 1198'

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Gas, Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, OWWO. Other

Table with columns: Amount and kind of material used, Depth interval treated, Date of first production, Producing method, Rate of production per 24 hours, Gas, Water, Gas-oil ratio.

Perforations

WSP-5-16  
SIDE TWO

ACO-1 WELL HISTORY

OPERATOR Liberty Enterprises, Inc. LEASE Bittel #1

SEC. 21 TWP. 7S RGE 17W

**FILL IN WELL LOG AS REQUIRED:**

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'	130'		
shale and sands	130'	250'		
sand and shale	250'	730'		
shale and sand	730'	1184'		
anhydrite	1184'	1191'		
anhydrite	1191'	1199'		
anhydrite	1199'	1215'		
shales	1215'	1621'		
shale and sands	1621'	1956'		
shales and limes	1956'	2021'		
shale and lime	2021'	2232'		
shale and lime	2232'	2407'		
shale and lime	2407'	2699'		
shale and lime	2699'	2842'	Topeka	2691 (-942)
lime and shale	2842'	2981'	Heebner	2904 (-1155)
lime and shale	2981'	3060'	Toronto	2927 (-1178)
lime and shale	3060'	3072'	Lansing	2947 (-1198)
limes and shales	3072'	3140'	Base	3181 (-1432)
lime and shales	3140'	3190'	Arbuckle	3324 (-1575)
lime and shale	3190'	3255'		
lime and shale	3255'	3336'		
lime and shale	3336'	3380'		
lime and shale	3380'	3490'		
lime and shale	3490'	R.T.D.		
DST #1 Interval: 3018-3060, 30-60-30-30, Recovered 20' HOCM, 200' WOCM Initial BHP 1090 Final BHP 1040 Initial FP 41-83 Final FP 100-142	DST #2 Interval: 3096-3140, 30-60-30-30 Recovered 80' Slightly watery drilling mud w/few Initial BHP 916 Final BHP 775 Initial FP 50-66 Final FP 75-91			specks of oil.
DST #3 Interval: 3136-3190, 30-60-30-30, Recovered 45' drilling mud. Initial BHP 950 Initial FP 50-50 Final BHP 734 Final FP 58-58				

**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	Socks	Type and percent additives
Conductor String	17 1/4"	13 3/8"	42#	128'	common	140	3%cc, 2%gel
Surface String	8 5/8"	8 5/8"	23#	1198'	60/40 poz	275	3%cc, 2%gel
Production	7 7/8"	4 1/2"	10.5#	3416'	A.S.C.	100	

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval
			1 per 1'		3179
			1 per 1'		3150-51 @ 2780-81
			1 per 1'		3123-24
			1 per 1'		3109
			4 per 1'		3044-46 @ 2720-2
			4 per 1'		2948-50

**TUBING RECORD**

Size	Setting depth	Packer set at
2"	2930'	