SIDE ONE

24-7S-20W

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 8925
Name Liberty Operations & Completions
Address 308 West Mill
City/State/Zip Plainville, Ks 67663

Purchaser

Operator Contact Person Charles G. Comeau
Phone 913-434-4686

Contractor: License # 5665
Name Pioneer Drilling Company, Inc.

Wellsite Geologist Kevin Adams
Phone 913-628-6698

Designate Type of Completion
[X] New Well [ ] Re-Entry [ ] Workover

[ ] Oil [ ] SWD [ ] Temp Abd
[ ] Gas [ ] Inj [ ] Delayed Comp.
[X] Dry [ ] Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
[X] Mud Rotary [ ] Air Rotary [ ] Cable

12-03-84	12-13-84	12-13-84
Spud Date	Date Reached TD	Completion Date
3520'		
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 8 5/8"@ 258' feet
Multiple Stage Cementing Collar Used? [ ] Yes [ ] No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

API NO. 15- 163-22,381

County Rooks

SE SE NE Sec 24 Twp 7s Rge 20 [ ] East [X] West

2970 Ft North from Southeast Corner of Section
330 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

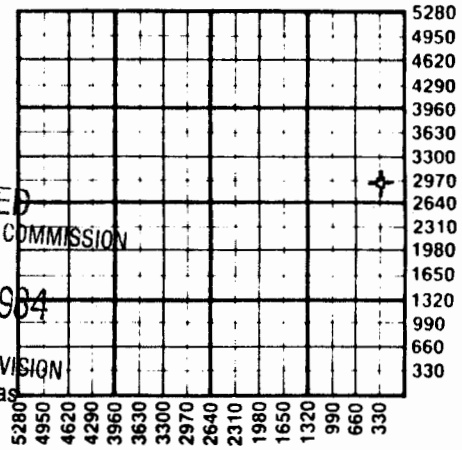
Lease Name Carlson "B" Well # 1

Field Name

Producing Formation

Elevation: Ground 2006' KB 2011'

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
DEC 21 1984
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: [ ] Disposal
Docket # [ ] Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

[ ] Groundwater Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of
Sec Twp Rge [ ] East [ ] West

[X] Surface Water 660 Ft North from Southeast Corner
(Stream, pond etc.) 800 Ft West from Southeast Corner
Sec 3 Twp 7 Rge 20 [ ] East [X] West

[ ] Other (explain)
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

WOS 7-AC

SIDE TWO

Operator Name .Liberty Operations & Completions.. Lease Name.....Carlson "B"....Well #.1.....

Sec.24..... Twp.....7s..... Rge.....20..... ☐ East ☒ West County.....Rooks.....

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken	☒ Yes	☐ No
Samples Sent to Geological Survey	☐ Yes	☒ No
Cores Taken	☐ Yes	☒ No

DST #1: 3173-3222, 30-60-60-60. Blow-IF increased from 6" to 12", FF Weak-steady, 3/4". Pressures IF 60-60, FF 70-91, Shut-in 1106-1016. Rec. 150' oil-specked mud.

DST #2: 3376-3401, 30-60-60-60. Blow-weak but steady throughout. Pressures IF 20-20, FF 20-20, Shut-in 706-556. Rec. 1' clean oil, 19' heavy oil-cut mud.

DST #3: 3443-3480, 30-30-30-30. Blow-IF strong, FF fair. Pressures IF 70-161, FF 192-212, Shut-in 435-425. Rec. 2' clean oil, 240' OCWM, 180' watery mud.

Log Tops

Anhydrite	1540	(+471)
Topeka	2972	(-959)
Heebner	3173	(-1162)
Toronto	3197	(-1186)
Lansing/KC	3213	(-1202)
Base/KC	3425	(-1414)
Arbuckle	3462	(-1451)

Formation Description

☒ Log ☐ Sample

Name	Top	Bottom
shale and sand	0'	50'
sand and shale	50'	259'
shale and sand	259'	1425'
shale and sand	1425'	1545'
anhydrite	1545'	1580'
shale and sand	1580'	1990'
lime and shale	1990'	1998'
lime and shale	1998'	2025'
shale and lime	2025'	2051'
Hole Went Crooked	0'	1005'
cement and sand	1005'	1230'
red bed	1230'	1515'
shale and sand	1515'	1547'
anhydrite	1547'	1576'
lime and shale	1576'	1922'
lime and shale	1922'	2017'
lime and shale	2017'	2033'
lime and shale	2033'	2154'
lime and shale	2154'	2200'
lime and shale	2200'	2290'
lime and shale	2290'	2504'
lime and shale	2504'	2684'
lime and shale	2684'	2886'
lime and shale	2886'	3065'
lime and shale	3065'	3220'
lime and shale	3220'	3222'
lime and shale	3222'	3270'
lime and shale	3270'	3355'
lime and shale	3355'	3401'
lime and shale	3401'	3465'
lime and shale	3465'	3480'
lime and shale	3480'	3520'
	3520'	R.T.D.

CASING RECORD ☒ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface Casing	12 1/4"	8 5/8"	20#	258'	60-40pos	155	2%gel 3%cc

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth

TUBING RECORD Size Set At Packer at Liner Run ☐ Yes ☐ No

Date of First Production | Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....