

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  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 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:  
 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 8 5/8" @ 258'  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set  
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt

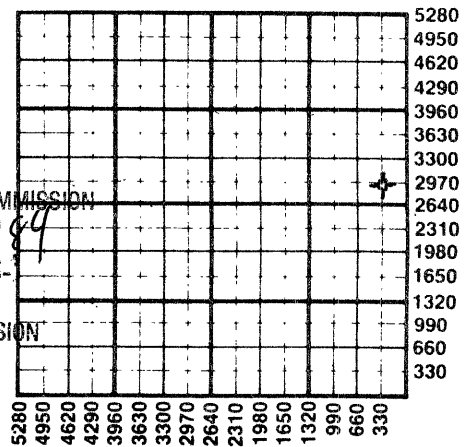
API NO. 15-163-22,381-00-00  
County Rooks  
SE SE NE Sec 24 Twp 7s Rge 20  East  West

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



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

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  
 Surface Water 660 Ft North from Southeast Corner (Stream, pond etc.) 800 Ft West from Southeast Corner Sec 3 Twp 7 Rge 20  East  West  
 Other (explain) (purchased from city, R.W.D. #)

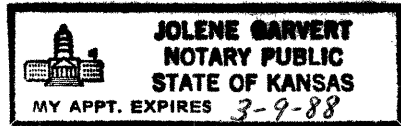
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply. Information on side two of this form will be held 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.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Charles G. Comeau  
Title Petroleum Geologist Date 12-20-84

Subscribed and sworn to before me this 20th day of December 1984  
Notary Public Jolene Garvert  
Date Commission Expires 3-9-88

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)



Sec 9 Twp 7 Rge 20 W

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

Formation Description  
 Log  Sample

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)

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'	3270'
lime and shale	3270'	3355'
lime and shale	3355'	3401'
lime and shale	3401'	3471'
lime and shale	3471'	3499'
lime and shale	3499'	3520'
lime and shale	3520'	3520'

CASING RECORD  New

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	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	<input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First Production	Producing Method	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....
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Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed .....  
 Commingled

