

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 Inc.
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 Greg Issinghoff
Phone 913-628-3503

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
5-17-85 5-23-85 5-23-85
Spud Date Date Reached TD Completion Date
3980'
Total Depth PBTD
8 5/8" @ 247'
Amount of Surface Pipe Set and Cemented at.....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. 15-195-21,720 - 00-00
County Trego
SE SW NW 22 11s 21 East West

2970 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

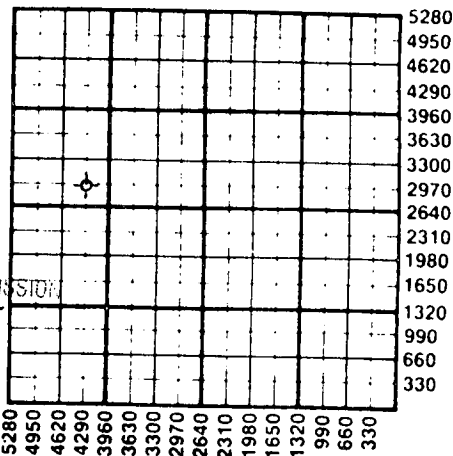
Lease Name Spitsnaugle Well # 1

Field Name.....

Producing Formation.....

Elevation: Ground 2275' KB 2280'

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
6-3-1985
JUN 03 1985
CONSERVATION DIVISION
Wichita, Kansas

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.....Ft North from Southeast Corner
(Stream, pond etc) 5000 Ft West from Southeast Corner
Sec 9 Twp 11 Rge 21 East West
 Other (explain).....
(purchased from city, R.W.D. #)

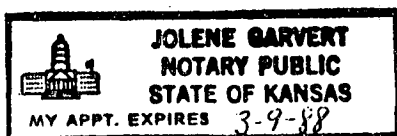
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.
Information on side two of this form will be held 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 5-31-85

Subscribed and sworn to before me this 31st day of May 1985
Notary Public Jolene Garvert
Date Commission Expires 3-9-88

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



Sec 22 Twp 11 Rge 21 W

SIDE TWO

Operator Name Liberty Operations & Completions, Inc. Lease Name Spitsnaugle Well # 1

Sec. 22 Twp. 11s Rge. 21 East West County Trego

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

Log Tops

Anhydrite	1728	(+552)
Topeka	3332	(-1052)
Heebner	3544	(-1264)
Toronto	3567	(-1287)
Lansing/KC	3582	(-1302)
Base/KC	3823	(-1543)
Marmaton	3873	(-1593)
Arbuckle	Not Reached	
Total Depth	3981	(-1701)

Name	Top	Bottom
shale and sand	0'	20'
shale and sand	20'	250'
shale and sand	250'	1145'
shale and sand	1145'	1741'
anhydrite	1741'	1780'
sand and shale	1780'	1823'
shale	1823'	2015'
shale	2015'	2360'
shale	2360'	2596'
lime and shale	2596'	2820'
lime and shale	2820'	3030'
lime and shale	3030'	3265'
lime and shale	3265'	3425'
lime and shale	3425'	3580'
lime and shale	3580'	3367'
lime and shale	3367'	3730'
lime and shale	3730'	3800'
lime and shale	3800'	3892'
lime and shale	3892'	3955'
lime and shale	3955'	3980'
lime and shale	3980'	R.T.D.

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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#	247'	60-40pos	145	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	
.....				RELEASED			
.....				SEP 10 1986			
.....				9-10-1986			
.....				FROM CONFIDENTIAL			
TUBING RECORD		Size	Set At	Packer at	Liner		
Date of First Production	Producing Method						
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
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

