

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 C.R.A.

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
1-22-85 1-29-85 2-14-85
Spud Date Date Reached TD Completion Date
3750' 3738'
Total Depth PBTD
8 5/8" @ 261'
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...1600...feet depth to surface/.350 SX cmt

API NO. 15-163-22,592 00-00
County Rooks
C.S./2.S/2.SW Sec. 16 Twp. 6S Rge. 20 East West

330 Ft North from Southeast Corner of Section
3960 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

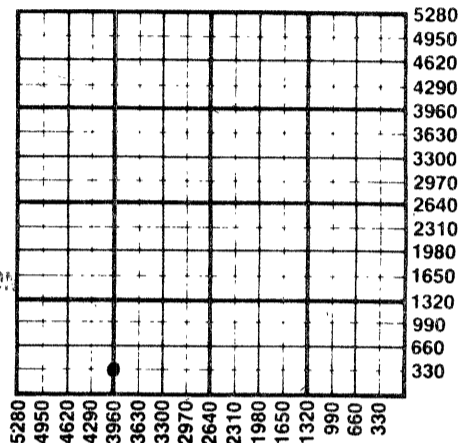
Lease Name Geyer Well # 1

Field Name TODD, N.E. W.C.

Producing Formation Arbuckle

Elevation: Ground 2216' KB 2221'

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

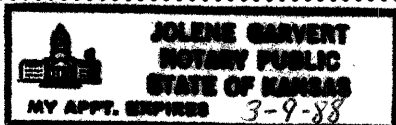
Source of Water:
Division of Water Resources Permit #
 Groundwater...Ft North from Southeast Corner (Well) ...Ft West from Southeast Corner of Sec Twp Rge East West
 Surface Water...Ft North from Southeast Corner (Stream, pond etc)...Ft West from Southeast Corner Sec Twp Rge East West
 Other (explain) (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 2-22-85

Subscribed and sworn to before me this 22 day of February 1985
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 16 Twp 6 Rge 20

SIDE TWO

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

Sec. 16 Twp. 6 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: 3486-3505, 30-30-30-30, rec. 450' muddy water, ISIP 1184#, IFP 65-138#, FFP 179-244#, FSIP 1176#
 DST #2: 3510-3542, 30-60-60-60, rec. 120' very slightly oil specked mud, 120' muddy water. ISIP 1174#, IFP 41-58#, FFP 75-133#, FSIP 1090#
 DST #3: 3649-3702, 30-30-30-30, rec. 120' mud cut oil, 60' oil cut mud, 60' oil cut mud. ISIP 759#, IFP 58-91#, FFP 117-133#, FSIP 701#

Name	Top	Bottom
sand and shale	0'	263'
sand and shale	263'	1100'
sand and shale	1100'	1826'
anhydrite	1826'	1859'
shales	1859'	1865'
shale and lime	1865'	2303'
shale and lime	2303'	2550'
shale and lime	2550'	2824'
lime and shale	2824'	3022'
lime and shale	3022'	3152'
lime and shale	3152'	3223'
lime and shale	3223'	3339'
lime and shale	3339'	3433'
lime and shale	3433'	3505'
lime and shale	3505'	3539'
lime and shale	3539'	3542'
lime and shale	3542'	3568'
lime and shale	3568'	3653'
lime and shale	3653'	3702'
ar buckle	3702'	3750'
	3750'	R.T.D.

LOG TOPS

ANHYDRITE	1825 (+396)
TOPEKA	3230 (-1009)
HEEBNER	3432 (-1211)
TORONTO	3453 (-1232)
LANS/KC	3466 (-1245)
BASE/KC	3661 (-1440)
ARBuckle	3697 (-1476)

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#	261'	60-40 pos	200	3%cc 2%gel
Production	7 7/8"	4 1/2"	9.5#	3749'	ASC	150	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
6 shots at 3736-3737 1/2 to squeeze lower Arbuckle							
2 shots/ft at 3702-3712				500 gal 15% INS retreat w/			
3 shots at 1600' to squeeze Dakota				1000 gal 15% INS		3702-12	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size		Set At		Packer at			
2 3/8"		3710.67'					
Date of First Production		Producing Method					
2-14-85		<input type="checkbox"/> Flowing <input checked="" 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	
		30		0			
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 3702-3712
 Used on Lease

Dually Completed
 Commingled

