

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 # 5565
Name NCRA
Address Box 6
City/State/Zip Great Bend, Ks. 67530

Purchaser Clear Creek

Operator Contact Person J. J. Gotsche
Phone (316) 793-7824

Contractor: License # 5422
Name Abercrombie Drilling, Inc.

Wellsite Geologist Paul Gerlach
Phone 316 269-2083

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

4-7-88 4-13-88 4-14-88
Spud Date Date Reached TD Completion Date

4300' Total Depth PBD

Amount of Surface Pipe Set and Cemented at 403 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1395' feet
If alternate 2 completion, cement circulated from 1395' feet depth to surface 400' SX cmt
Cement Company Name BJ Titan
Invoice # S E 012

API NO. 15-165-21,411-0000
County Rush
C. E/2 W/2 NW Sec. 4 Twp. 19S Rge. 20E West

3810 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Frank Well # 1

Field Name McNamee

Producing Formation Cherokee

Elevation: Ground est. 2150 KB 2155

Section Plat

Table with 10 columns and 10 rows representing a section plat. The vertical axis on the right is labeled with elevations from 5280 to 330. The horizontal axis at the bottom is labeled with elevations from 5280 to 330. An 'X' is marked in the cell corresponding to 4290 on both axes.

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

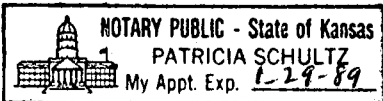
Other (explain) Pond (Allen Showalter)....
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 Irving J. Gotsche
Title District Supt. Date 4/26/88

Subscribed and sworn to before me this 26th day of April 1988
Notary Public Patricia Schultz
Date Commission Expires January 29, 1989



6-15-88
CONSERVATION DIVISION
Wichita, Kansas

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)
6-15-88 X

SIDE TWO

Operator Name N.C.R.A. Lease Name Frank Well # 1

Sec. 4 Twp. 19S Rge. 20 East West County Rush

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

Name Top Bottom

see attached

see attached

CASING RECORD <input 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	12 1/4	8 5/8	24#	403	Common	250	3%cc
Production	7 7/8	5 1/2	14#	4299	50-50 pos.	200	2% gel, 18% salt, 3/4 of 1%, 5# gil.
				2nd stage	lite-wt.	400	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	4174-75 1/2						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size	Set At	Packer at					
Date of First Production	Producing Method						
5-18-88	<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		
STATE TEST	33.12 Bbls	MCF	173.88 Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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

FRANK NO. 1

Log tops:	Anhydrite	1407-1436'
	Heebner	3653'
	Lansing	3697'
	B/KC	4008'
	Marmaton	4030'
	Upper Pawnee	4067'
	Lower Pawnee	4119'
	Fort Scott	4155'
	Cherokee Shale	4163'
	Cherokee A Sand	4166-71'
	"	4174-81'
	"	4184-91'
	Cherokee B Sand	4199-4224'
	Mississippi	4251'
	RTD	4300'
	LTD	4303'

DST #1 4158-4180' (Cherokee A Sand) 15-30-45-90 Strong blow on both opens. IHP 2045# IFP 322-406# ISIP 572# FFP 468-572# FSIP 572# FHP 2025#. Rec. 330' gas in pipe. 180' MGO (2% mud, 4% gas, 20% wtr., 74% oil), 180' DCW (4% oil, 96% wtr.), 540' wtr. w/scum of oil. BHT 118° F.

DST #2 4203-4214' (Cherokee B Sand) 15-30-45-90 Good blow throughout test. IHP 2087# IFP 83-187# ISIP 603# FFP 229-343# FSIP 603# FHP 2077# BHT 119°. Rec. 60' muddy wtr. (28% mud, 72% wtr.) and 600' clean wtr. - 38,000 ppm chl.

DST #3 (Straddle test) 4157-4171' 60-120 IHP 2035# IFP 41-41# ISIP 925# FSIP 572# FHP 1993# Rec. 5' Drlg. mud w/slight show of oil.