

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 # 5198  
name A. Scott Ritchie  
address 125 N. Market, Suite 950  
City/State/Zip Wichita, KS 67202

Operator Contact Person Jeff Christian  
Phone (316) 267-4375

Contractor: license # 6033  
name Murfin Drilling Co.

Wellsite Geologist Ed Louis  
Phone (316) 264-2773

PURCHASER Clear Creek, Inc.

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  
5/17/84 5/23/84 6/26/84  
Spud Date Date Reached TD Completion Date

4102' RTD n/a  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 219 feet

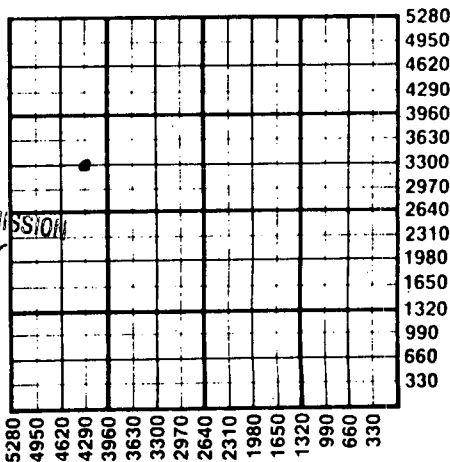
Multiple Stage Cementing Collar Used?  Yes  No  
If Yes, Show Depth Set 1878 feet

If alternate completion, cement circulated from 219 feet depth to surface w/ 180 SX cmt

API NO. 15 195-21,495-00-00  
County Trego  
E/2 SW NW 32 11S 22 East  
(location) Sec Twp Rge | West  
3300 Ft North from Southeast Corner of Section  
4290 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

Lease Name Spena "D" Well# 2  
Field Name Bin East  
Producing Formation Comingled: Toronto, LKC, Marmaton  
Elevation: Ground 2410' KB 2415'

Section Plat



RECEIVED  
STATE CORPORATION COMMISSION  
11-15-1984  
NOV 15 1984  
CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit #  
 Groundwater Ft North From Southeast Corner and Ft West From Southeast Corner of (Well) Sec Twp Rge  East  West  
 Surface Water Ft North From Southeast Corner and Ft West From Southeast Corner (Stream, Pond etc.) Sec Twp Rge  East  West  
 Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

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. Rules 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 A. Scott Ritchie  
Title Operator Date 9/19/84

Subscribed and sworn to before me this 19th day of September, 1984

Notary Public Linda K. Bice  
Date Commission Expires 6/07/88



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 32 Twp 11S Rge 22E

Operator Name A. Scott Ritchie Lease Name Spena "D" Well# 2 SEC 32 TWP. 11S RGE. 22  East  West

**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 from 3621' to 3678' (Toronto & Top zone)  
 Recovered 156' of gassy watery muddy oil.  
 IFP:55-66#/30"; ISIP:1089#/45";  
 FFP:88-88#/30"; FSIP:1055#/45".

DST #2 from 3723' to 3756' (70' & 90' zones).  
 Recovered 188' of muddy water with a few specks of oil.  
 IFP:55-88#/30"; ISIP:553#/45";  
 FFP:99-127#/30"; FSIP:553#/45".

DST #3 from 3787' to 3880' (140', 160', 180' & 200' zones). Recovered 5' of mud, no show of oil.  
 IFP:77-77#/30"; ISIP:150#/30";  
 FFP:77-77#/30"; FSIP:90#/30".

DST #4 from 3994' to 4050' (Marmaton). Recovered 10' of mud with a slight show of oil in tool.  
 IFP:55-55#/30"; ISIP:334#/45";  
 FFP:55-55#/30"; FSIP:207#/45".

Name	Top	Bottom
Anhydrite	1850'	(+ 565)
B/Anhydrite	1893'	(+ 522)
Topeka	3407'	(- 992)
Heebner	3622'	(-1207)
Toronto	3642'	(-1227)
Lansing	3658'	(-1243)
B/KC	3903'	(-1488)
Marmaton	3990'	(-1575)
LTD	4052'	(-1637)

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 Production	12 1/4"	8-5/8"	24.0#	219'	quickset	180	none
	7-7/8"	4 1/2"	10.5#	4098'	60/40 pozmix	175	10% salt, 20 bbls. brine preflush
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
1 SSB	4002' - 4024'			Acidized w/500 gal. of AOG-200 acid			4002' - 24'
2 SSB	3660' - 3666'			Fracture treat. w/43,000 gal. of gelled water & 22,500# of sand.			4002' - 24'
2 SSB	3642' - 3645'			Acidized w/1400 gal. of 28% acid.			3642' - 66'
2	632'/. squeezed w/175 sacks of 50/50 pozmix & 75 sacks of hot cement.			6% gel			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing method					
6/26/84		<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		
	27 Bbls	MCF	37.53 Bbls	CFPB			

Disposition of gas:  vented  
 sold  
 used on lease

METHOD OF COMPLETION  
 open hole  perforation  
 other (specify) .....

PRODUCTION INTERVAL  
 3642' - 4024'

Dually Completed.  
 Commingled