

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 Leah Ann Kasten Phone (316) 267-4375

PURCHASER Koch Oil Company

Designate Type of Completion [X] New Well [ ] Re-Entry [ ] Workover

[X] Oil [ ] SWD [ ] Temp Abd [ ] Gas [ ] Inj [ ] Delayed Comp. [ ] Dry [ ] Other (Core, Water Supply etc.)

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

WELL HISTORY

Drilling Method: [X] Mud Rotary [ ] Air Rotary [ ] Cable

3/27/85 4/8/85 4/24/85

Spud Date Date Reached TD Completion Date

3669' RTD n/a

Total Depth PBT

Amount of Surface Pipe Set and Cemented at 219 feet

Multiple Stage Cementing Collar Used? [X] Yes [ ] No

If Yes, Show Depth Set 1770 feet

If alternate 2 completion, cement circulated from 219 feet depth to surface w/ 165 SX cmt

API NO. 15-163-22,654-00-00

County Rooks

NE NW SE Sec 22 Twp 6S Rge 20

2310 Ft North from Southeast Corner of Section 1650 Ft West from Southeast Corner of Section (Note: locate well in section plat below)

Lease Name Chapman Well# 1

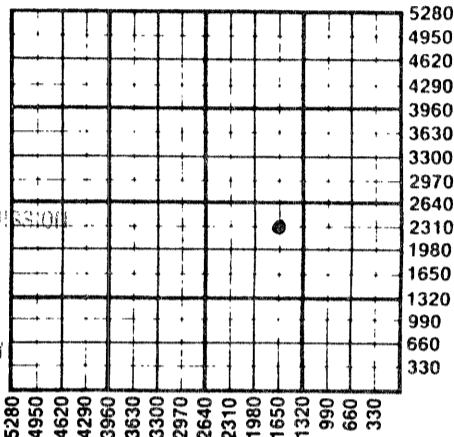
Field Name Unknown Hook Locelley, North

Producing Formation Arbuckle

Elevation Ground 2176' KB 2181'

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

Section Plat



6-21-85 RECEIVED JUN 21 1985

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

[ ] Groundwater Ft North From Southeast Corner (Well) Ft. West From Southeast Corner 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.#)

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 82-3-10 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 [Signature] Title Operator Date 6/20/85

Subscribed and sworn to before me this 20th day of June 1985

Notary Public [Signature] Date Commission Expires 4/07/88



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

Operator Name A. Scott Ritchie Lease Name Chapman Well# 1 SEC 22 TWP. 6S RGE. 20  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 3318' to 3340' (Lower Topeka). Recovered 315' of muddy salt water, no show of oil. IFP:46-93#/30"; ISIP:1111#/30"; FFP:128-163#/30"; FSIP:1111#/30".

DST #2 from 3473' to 3498' (Toronto & Top zone). Recovered 260' of muddy salt water with slight show of oil. IFP:70-93#/30"; ISIP:1147#/30"; FFP:116-196#/30"; FSIP:1112#/30".

DST #3 from 3432' to 3475' (35' & 50' zones). Recovered 60' of gas in pipe and 40' of oil cut mud. IFP:35-46#/30"; ISIP:1226#/45"; FFP:46-58#/30"; FSIP:1203#/45".

DST #4 from 3473' to 3498' (70' & 90' zones). Recovered 60' of gas in pipe, 10' of free oil, and 226' of salt water. IFP:35-70#/30"; ISIP:1191#/45"; FFP:93-116#/30"; FSIP:1169#/45".

DST #5 from 3523' to 3588' (140', 160', 180' zones). Recovered 434' of gas in pipe and 382' of gassy muddy oil. IFP:70-116#/30"; ISIP:1168#/30"; FFP:140-163#/30"; FSIP:1146#/30".

DST #6 from 3604' to 3657' (Penn. sand). Recovered 20' of oil cut mud. IFP:46-46#/45"; ISIP:928#/45"; FFP:46-46#/45"; FSIP:836#/45".

DST #7 from 3664' to 3669' (Arbuckle). Recovered 129' of slightly mud cut oil. IFP:23-23#/45"; ISIP:1020#/45"; FFP:35-35#/45"; FSIP:1009#/45".

Name	Top	Bottom
Anhydrite	1774'	(+ 407)
B/Anhydrite	1806'	(+ 375)
Topeka	3173'	(- 992)
Heebner	3372'	(-1191)
Toronto	3396'	(-1215)
Lansing	3412'	(-1231)
B/KC	3614'	(-1433)
Basal Penn. sandstone	3650'	(-1469)
Arbuckle	N/A	
LTD	3672'	(-1501)

CONFIDENTIAL  
 INFORMATION  
 PLEASE KEEP THIS

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 INFORMATION  
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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" 7-7/8"	8-5/8" 4 1/2"	23# 10.5#	219' 3668'	quickset 60/40 pozmix	165 125	none 10% salt, 10% sacks of salt flush.
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth:
	none			Acidized w/300 gal. of 15% INS. & 5 gal./1000 of FE sequestering agent.			open hole
				Acidized w/750 gal. of 15% INS.			"
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> RELEASED			
Date of First Production	Producing method	size	set at	packer at			
4/24/85	<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		
	26 Bbls	MCF	60 Bbls	CFPB	FROM CONFIDENTIAL		

Disposition of gas:  vented  sold  used on lease

**METHOD OF COMPLETION**  
 open hole  perforation  
 other (specify) \_\_\_\_\_

**PRODUCTION INTERVAL**  
 open hole \_\_\_\_\_

Dually Completed.

OCT 03 1986  
 10-3-86