

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 Rocky Milford  
Phone (316) 267-4375

Contractor: license # 6033  
name Murfin Drilling Co.

Wellsite Geologist Larry Zink  
Phone (316) 267-4375

PURCHASER Koch Oil Co.

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  
8/01/84 8/09/84 11/14/84  
Spud Date Date Reached TD Completion Date

4441' RTD n/a  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 259 feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set 1703 feet

If alternate 2 completion, cement circulated  
from 259 feet depth to surface w/ 150 SX cmt

API NO. 15 135-22,632-00-00

County Ness

NW SE SW Sec 26 Twp 16S Rge 22

990 Ft North from Southeast Corner of Sec  
3630 Ft West from Southeast Corner of Sec  
(Note: locate well in section plat below)

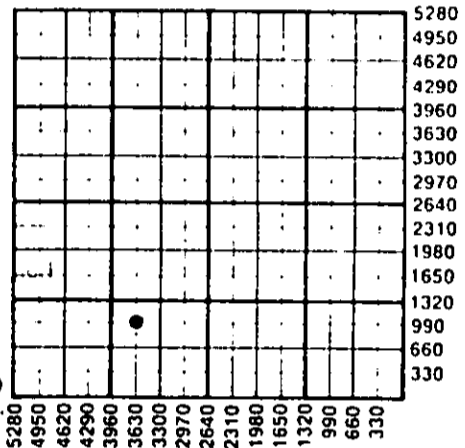
Lease Name F. Ummel Well# 1

Field Name Wildcat - BROWNELL, So.

Producing Formation Upper Cherokee Sand

Elevation: Ground 2407 G.L. KB 2412'

Section Plat



FEB 01 1985  
02-01-1985  
Wichita, Kansas

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.

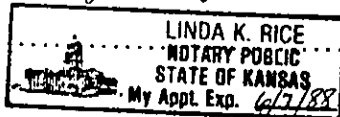
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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] Operator Date 1/28/85

Subscribed and sworn to before me this 28th day of January 1985

Notary Public Linda K. Rice Date Commission Expires 6/7/88



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)

15-135-22632-00-00

SIDE TWO

Operator Name A. Scott Ritchie Lease Name F. Ummel Well# 1 SEC. 26 TWP. 16S RGE. 22

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 4308' to 4321' (Upper Cherokee Sand). Recovered 1155' of gas in pipe and 465' of slightly mud cut gassy oil.  
 IFP:66-99#/30"; ISIP:1032#/30";  
 FFP:138-196#/30"; FSIP:1021#/30".

DST #2 from 4342' to 4385' (Middle Cherokee Sand). Recovered 10' of mud, no show of oil.  
 IFP:44-44#/30"; ISIP:115#/30";  
 FFP:44-44#/30"; FSIP:66#/30".

DST #3 from 4399' to 4405' (Mississippi). Recovered 10' of mud. 30"; 30"; 30"; 30". Plugged anchor pressures and recovery invalid.

DST #4 from 4341' to 4406' (Mississippi). Recovered 65' of watery mud.  
 IFP:77-77#/30"; ISIP:149#/60";  
 FFP:99-99#/45"; FSIP:127#/60".

Name	Top	Bottom
Anhydrite	1722'	(+ 690)
B/Anhydrite	1756'	(+ 650)
Heebner	3798'	(-1386)
Toronto	3816'	(-1405)
Lansing	3837'	(-1425)
B/KC	4104'	(-1692)
Pawnee	4200'	(-1788)
Ft. Scott	4296'	(-1884)
Upper Cher.Sd.	4312'	(-1900)
Mississippi	4400'	(-1988)
LTD	4441'	(-2029)

RELEASED

JUN 05 1986

FROM CONFIDENTIAL

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	12 1/4"	8-5/8"	23#	259'	quickset	150	none
Production	7-7/8"	5 1/2"	14#	4435'	60/40 pozmix	100	10% salt & 20 bbls. of 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
4 SSB	4313' to 4316'						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
11/14/84							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio		Gravity	
	49 Bbls	MCF	38 Bbls	CFPB			

Disposition of gas:  vented  
 sold  
 used on lease

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

PRODUCTION INTERVAL

4313'-4316'

Dually Completed.  
 Commingled