

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 Jake Miller  
Phone (316) 267-4375

Contractor: license # N/A  
name Duke Drilling

Wellsite Geologist Alfred W. Stude  
Phone

PURCHASER Koch Oil

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  
5/17/74 5/27/74 6/18/74  
Spud Date Date Reached TD Completion Date

3943' 3888'  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 8-5/8" @ 624 feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set feet

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

API NO. 15-145-20,331-0001

County Pawnee

NW SW NW Sec. 2 Twp. 22S Rge. 15 East West

3630 Ft North from Southeast Corner of Section  
4950 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

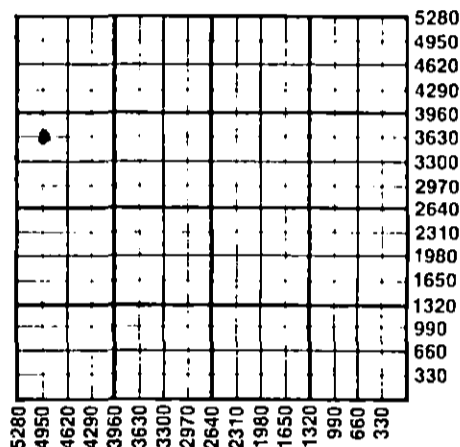
Lease Name Blackwell Well# 1

Field Name Hurray

Producing Formation Lansing/K.C. 180' zone

Elevation: Ground 1977' KB 1981'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and (Well) Ft West From Southeast Corner of Sec Twp Rge East West

Surface Water Ft North From Southeast Corner and (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 82-3-107 for confidentiality in excess of 12 months.

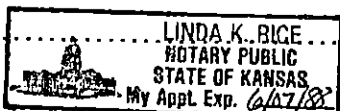
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 [Signature] Title Land Manager Date 8/13/85

Subscribed and sworn to before me this 13th day of August 1985

Notary Public Linda K. Rice Date Commission Expires 6/10/88



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)

Form ACO-1 (7-84)

8-14-85  
AUG 14 1985

**SIDE TWO**

Operator Name A. Scott Ritchie Lease Name Blackwell Well# 1 SEC 2 TWP 22S RGE 15  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 3502' to 3520'. Recovered 40' of muddy water. ISIP:934#/30"; FSIP:817#/30"; IFP:43#/30"; FFP:65#/30".

DST #2 from 3635' to 3655'. Recovered 30' of mud with few specks of oil. ISIP:238#/30"; FSIP:206#/30"; IFP:54#/30"; FFP:87#/30".

DST #3 from 3657' to 3675'. Recovered 300' of very heavy oil and gas cut mud. ISIP:721#/30"; FSIP:679#/30"; IFP:43#/30"; FFP:119#/30".

DST #4 from 3878' to 3940'. Recovered 30' of mud with slight show of oil. ISIP:Failed/30"; FSIP:774# & Building/30"; IFP:76#/30"; FFP:97#.

DST #5 from 3876' to 3943'. Recovered 480' of slightly oil and gas cut mud. ISIP:1274#/45"; FSIP:1274#/45"; IFP:Plugged/45"; FFP:379#/45".

Name	Top	Bottom
Anhydrite	930'	(+1051)
B/Anhydrite	953'	(+1028)
Heebner	3381'	(-1400)
Toronto	3399'	(-1418)
Douglas	3415'	(-1434)
Brown Lime	3492'	(-1511)
Lansing	3501'	(-1520)
B/KC	3730'	(-1749)
Viola	3838'	(-1857)
Simpson Shale	3878'	(-1897)
Simpson Sand	3938'	(-1957)
Arbuckle	3941'	(-1960)
LTD	3943'	(-1962)

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#	624'	50/50 pozmix	350	2% G, 3% CC
Production	7-7/8"	5 1/2"	14#	3941.3'	pozmix, salt saturated	125	15 bbl. pre-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.
2 SSB jets	3664' - 3667'			Acidized w/700 gal. of 28% mud acid.			3888'
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
size	2 1/2"	set at	3888'	packer at	3888'		
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)						
July 3, 1985							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	23 Bbls	MCF	3 Bbls	CFPB			

Disposition of gas:  vented  
 sold  
 used on lease

**METHOD OF COMPLETION**

open hole  perforation  
 other (specify) .....  
 Dually Completed.  
 Commingled

**PRODUCTION INTERVAL**

.....3664' - 3667'.....  
 .....