

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 Galen Babcock  
Phone (316) 267-4375

Contractor: license # 6033  
name Murfin Drilling Co.

Wellsite Geologist Larry Zink  
Phone (316) 267-4375

PURCHASER Koch Oil Company

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  
9/17/84 9/25/84 11/7/84  
Start Date Date Reached TD Completion Date

3730' RTD n/a  
Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 259 feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set 1860 feet

If alternate 2 completion, cement circulated  
from 259 feet depth to surface w/ 200 SX cmt

API NO. 15 - 065-22,066 7-6-21W

County Graham

NW NW SW Sec 7 Twp 6S Rge 21 East West

2310 Ft North from Southeast Corner of Section  
4950 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

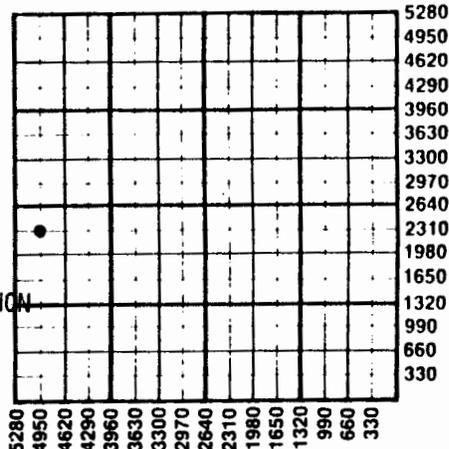
Lease Name White Well# 1

Field Name

Producing Formation Lansing

Elevation: Ground 2214' KB 2219'

Section Plat



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DEC 17 1984  
CONSERVATION DIVISION  
Wichita, Kansas

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.

JAN 9 1985

**SIDE TWO**

Operator Name: A. Scott Ritchie Lease Name: White Well# 1 SEC. 7 TWP. 6S RGE. 21  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 3349' to 3406' (Lower Topeka). Recovered 390' gas in pipe, 750' muddy oil, 120' of oil cut muddy water. IFP:153-284#/15"; ISIP:1216#/30"; FFP:349-459#/15"; FSIP:1194#/30".

DST #2 from 3410' to 3472' (Toronto & Top zone). Recovered 345' of gas in pipe, 75' of muddy oil, 1410' slightly muddy gassy oil, 120' of gassy muddy oil. IFP:286-419#/15"; ISIP:843#/30"; FFP:496-572#/15"; FSIP:843#/30".

DST #3 from 3478' to 3500' (50' zone). Recovered 780' of gas in pipe, 480' of clean oil, 120' of muddy oil. IFP:132-187#/15"; ISIP:1072#/30"; FFP:242-242#/15"; FSIP:1072#/30".

DST #4 from 3499' to 3514' (70' zone). Misrun, packer failed.

DST #5 from 3498' to 3514' (70' zone). " " "

DST #6 from 3512' to 3530' (90' & 100' zones). Recovered 600' of salt water. IFP:110-209#/30"; ISIP:952#/30"; FFP:275-308#/30"; FSIP:920#/30".

DST #7 from 3560' to 3620' (140', 160', 180' zones). Recovered 180' of gas in pipe, 420' of clean oil, 120' muddy oil. IFP:110-154#/30"; ISIP:1170#/45"; FFP:209-209#/30"; FSIP:1148#/45".

DST #8 from 3616' to 3650' (200', 220' zones). Recovered 5' of mud. IFP:55-55#/30"; ISIP:583#/30"; FFP:55-55#/30"; FSIP:507#/30".

Name	Top	Bottom
Anhydrite	1870'	(+ 349)
B/Anhydrite	1901'	(+ 318)
Cottonwood	2706'	(- 487)
Neva	2756'	(- 537)
Wabauñsee	2956'	(- 73)
Tarkio	3062'	(- 843)
Topeka	3228'	(-1009)
Heebner	3414'	(-1195)
Toronto	3446'	(-1227)
Lansing	3458'	(-123)
B/KC	3646'	(-1427)
Cong. Sd.	3703'	(-1484)
Granite	3730'	(-1511)
LTD	3732'	(-1513)

(continued from 1st column)

DST #9 from 3674' to 3710' (Cong. Sd. & Limestone). Recovered 5' of mud, no show of oil. IFP:77-77#/30"; ISIP:88#/30"; FFP:77-77#/30"; FSIP:77#/30".

**CASING RECORD**  new  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" 5 1/2"	23# 14#	259' 3729'	quickset 60/40 pozum x	200 115	none 10% salt, 20 b of brine preflus

**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	3611' to 3613'	Acidized w/600 gal. of 28%	3603'-1
"	3603' to 3606'	Acidized w/600 gal. of 28%	3506'-6
"	3506' to 3509'	Acidized w/600 gal. of 28%	3491'-
"	3491' to 3494'	Acidized w/600 gal. of 28%	3459'-
"	3459' to 3462'	Acidized w/600 gal. of 28%	

# WELL LOG

7-6-21W

p1

**COMPANY** A. Scott Ritchie  
125 N. Market, Suite 950  
Wichita, Kansas 67202

**FARM** White NO. 1

SEC. 7 T. 6 R. 21W  
LOC. NW NW SW

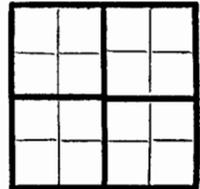
**RIG. NO.** 15

**TOTAL DEPTH** 3730'

**COMM.** 9-17-84 **COMP.** 9-26-84

**COUNTY**  
KANSAS

**CONTRACTOR** Murfin Drilling Company  
250 N. Water, Suite 300  
Wichita, Kansas 67202



**CASING**

20	10		
15	6	5/8" csg set @ 259' w/200 sx. Quickset	ELEVATION
12	6		
13	6	1/2" csg set @ 3729' w/125 sx. 60-40 Poz., 10% salt, plus 425 sx. 50-50 Poz.	PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

Topsoil & Sand	259'
Shale & Sand	1410'
Sand	1604'
Shale	1871'
Anhydrite	1902'
Shale	3005'
Shale & Lime (RTD)	3730'

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<b>TUBING RECORD</b> size set at packer at			Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First Production 11/7/84	Producing method <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 120.00 Bbls	Gas MCF	Water 0 Bbls	Gas-Oil Ratio CFPB	Gravity

Disposition of gas:  vented  
 sold  
 used on lease

**METHOD OF COMPLETION**

open hole  perforation  
 other (specify) .....

Dually Completed.  
 Commingled

**PRODUCTION INTERVAL**

3459' to 3613'