

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 Roger Fisher  
Phone (316) 721-3078

PURCHASER n/a

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

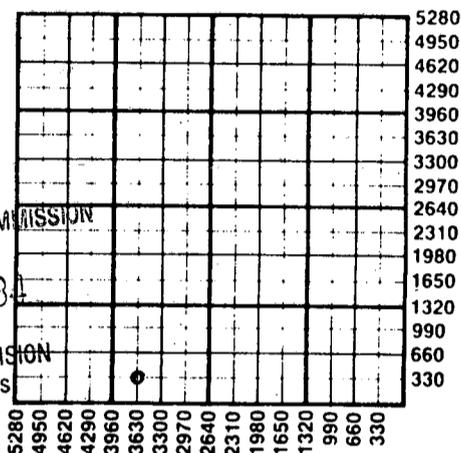
WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
7/12/84 7/16/84 7/16/84  
Spud Date Date Reached TD Completion Date  
2470' RTD n/a  
Total Depth PBD  
Amount of Surface Pipe Set and Cemented at 250 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If Yes, Show Depth Set feet  
If alternate 2 completion, cement circulated  
from 250 feet depth to surface w/ 150 SX cmt

API NO. 15 167-22,414-60-00  
County Russell  
SW SE SW Sec 14 Twp 14S Rge 13 East  
(location) X West  
330 Ft North from Southeast Corner of Section  
3630 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

Lease Name Heim Well# 1  
Field Name Unknown  
Producing Formation n/a  
Elevation: Ground 1798' KB 1807'

Section Plat



RECEIVED  
STATE CORPORATION COMMISSION  
NOV 15 1984  
11-15-84  
CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit #  
 Groundwater (Well) Ft North From Southeast Corner and Ft. West From Southeast Corner of Sec Twp Rge East West  
 Surface Water (Stream, Pond etc.) Ft North From Southeast Corner and 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.

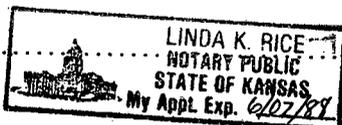
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 Operator Date 10/26/84

Subscribed and sworn to before me this 26th day of October 19 84

Notary Public Linda K. Rice Date Commission Expires 6/27/88



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. 14 Twp. 14 Rge. 13 20

**SIDE TWO**

Operator Name A. Scott Ritchie Lease Name Heim Well# 1 SEC 14 TWP 14S RGE 13  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 2320' to 2360' (1st & 2nd Tarkio sands). Recovered 760' of muddy water, no show of oil.

IFP:87-262#/30"; ISIP:653#/30";  
 FFP:317-360#/30"; FSIP:653#/30".

DST #2 from 2390' to 2435' (3rd Tarkio sand). Recovered 90' of thin mud, with a scum of oil.

IFP:44-44#/45"; ISIP:739#/60";  
 FFP:66-66#/45"; FSIP:696#/60".

DST #3 from 2316' to 2330' (1st Tarkio sand) with straddle packers. Recovered 390' of muddy water, no show of oil.

IFP:66-109#/30"; ISIP:642#/30";  
 FFP:164-207#/30"; FSIP:621#/30".

Name	Top	Bottom
Anhydrite		
B/Anhydrite		
Grandhaven	2312'	(- 505)
1st Tarkio sand	2324'	(- 517)
2nd Tarkio sand	2344'	(- 537)
Tarkio Ls.	2383'	(- 576)
3rd Tarkio sand	2424'	(- 617)
Elmont Ls.	2452'	(- 645)
LTD	2468'	(- 661)

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"	24#	250'	quickset	150	2% gel, 3% CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing method <input type="checkbox"/> flowing <input 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		
	Bbls	MCF	Bbls	CFPB			

Disposition of gas:  vented  
 sold  
 used on lease

**METHOD OF COMPLETION**

open hole  perforation  
 other (specify) \_\_\_\_\_  
 Dually Completed  
 Commingled

**PRODUCTION INTERVAL**

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