

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 Co.

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

WELL HISTORY

Drilling Method: [X] Mud Rotary [ ] Air Rotary [ ] Cable 6/28/84 7/7/84 7/26/84 Spud Date Date Reached TD Completion Date

3736' RTD n/a Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 250 feet

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

If Yes, Show Depth Set 1847' feet

If alternate 2 completion, cement circulated from 250 feet depth to surface w/ 200 SX cmt

API NO. 15-065-22,010-00-00 County Graham 50'E of SW SW NW Sec 7 Twp 6S Rge 21

2970 Ft North from Southeast Corner of Section 4900 Ft West from Southeast Corner of Section (Note: locate well in section plat below)

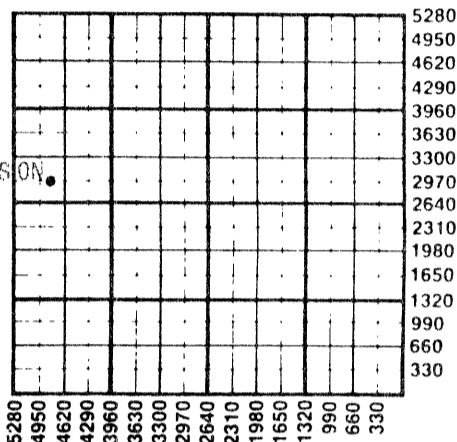
Lease Name Nola Frazey Well# 1

Field Name n/a Boys W.

Producing Formation Lansing

Elevation: Ground 2206' KB 2211'

Section Plat



1024-84 RECEIVED STATE CORPORATION COMMISSION OCT 24 1984 CONSERVATION DIVISION 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 82-3-107 for confidentiality in excess of 12 months.

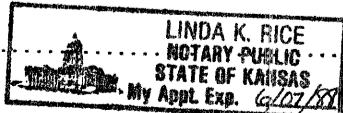
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 A. Scott Ritchie Title Operator Date 10/18/84

Subscribed and sworn to before me this 18th day of October 1984

Notary Public Linda K. Rice Date Commission Expires 6/07/88



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

Sec 7 Twp 6S Rge 21

Physical Productivity Report to THE STATE CORPORATION COMMISSION, Conservation Division

15-065-22010-00-00

ACO-2

Producer's Name: A Scott Ritchie Lease Name: Nola Frazey Well No.: 1 Pool: BOYS W County: Graham Producing Horizon: LNC Pipe Line (Purchaser): Koch  
 Taken: Oct. 25 1984 Effective: \_\_\_\_\_ 19\_\_\_\_ Sec. 7 Twp. 6 R. 21 E \_\_\_\_\_ W API # \_\_\_\_\_  
 Month Day Month Day Lease Description

Tank No.	Size	Opening Gauge				Barrels	Closing Gauge				Barrels
		Time on: <u>9:15</u>		Time off: <u>9:15</u>			Oil Level		B. S. & W.		
		Ft.	In.	Ft.	In.		Ft.	In.	Ft.	In.	
<u>137941</u>	<u>250</u>	<u>8</u>	<u>1 3/4</u>			<u>63.15</u>	<u>7</u>	<u>7</u>			<u>151.93</u>
											<u>43.15</u>
											<u>88.78</u>

Well Data

Top Prod. Horizon 3455 Ft. Total Depth 3736 PBTD Ft.

Perforations 3455 to 3610 Ft.

Packer ..... Set at ..... Ft.

Size of Casing 5 1/2 Set at 3730 Ft.

Size of Tubing 2 7/8 Set at 3685 Ft.

Size of Pump 2 1/2 - 1 1/2 - 12 Type Insert

Gravity of Oil 37 Temp. 60

Percentage of Water 18 Acid 2200 gal. Date 8-16-84

Test Data

Temporary  Permanent Field \_\_\_\_\_ Special RECEIVED

Flowing \_\_\_\_\_ Swabbing \_\_\_\_\_ Pumping STATE CORPORATION COMMISSION

Length of Stroke 54 In. S. P. M. 10 1/2 OCT 30 1984

Total Bbls. Produced = \_\_\_\_\_ X 3 = 89 Productivity.

REMARKS: Allowable is 50 BBL.

Well has been Squeese.

SEALS and USES: \_\_\_\_\_

WITNESSING: We, the undersigned, personally witnessed the gauging periods as indicated by our signatures, and certify that they were taken according to the Commission's Rules.

Gauge Witnesses	Opening Gauge	Closing Gauge
For Producer.....		
Offset Owner.....	<u>R.R. Adams</u>	
For Offset Owner.....		
For State.....	<u>Jillat Balthazar</u>	

Pretest Information: Well Location 50E-5W-5W-N20

Hours pumped 24

Bbls. Produced \_\_\_\_\_

Tank Tables Used \_\_\_\_\_

Est. 1.67 (Bbls. per In.)

Checked by: \_\_\_\_\_

Ft. From W. Line	<table border="1"> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>																	Ft. From N. Line

15-065-22010-00-00

SIDE TWO

Operator Name A. Scott Ritchie Lease Name Nola Frazey 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 2687' to 2770' (Neva). Recovered 605' of muddy water.
IFP:132-230#/30"; ISIP:1045#/45";
FFP:263-351#/30"; FSIP:1024#/45".
DST #2 from 3363' to 3390' (Topeka). Recovered 480' of gas in pipe, 120' of oil cut mud, & 990' of clean gassy oil.
IFP:154-285#/15"; ISIP:1228#/30";
FFP:406-472#/15"; FSIP:1228#/30".
DST #3 from 3405' to 3450' (Toronto). Recovered 1020' of gas in pipe, 1305' of clean gassy oil, & 120' of oil cut muddy water.
IFP:186-395#/15"; ISIP:1239#/30";
FFP:515-569#/15"; FSIP:1218#/30".
DST #4 from 3448' to 3469' (Top zone). Recovered 1140' of gas in pipe, 780' of clean gassy oil, & 120' of oil cut mud.
IFP:110-175#/15"; ISIP:1293#/30";
FFP:285-296#/15"; FSIP:1293#/30".
DST #5 from 3467' to 3495' (50' zone). Recovered 80' of clean gassy oil, 120' of oil cut mud, and 300' of slightly oil cut muddy water.
IFP:88-143#/30"; ISIP:1218#/45";
FFP:208-230#/30"; FSIP:1218#/45".

Table with 3 columns: Name, Top, Bottom. Rows include Anhydrite, B/Anhydrite, Wreford, Funston, Beattie, Cottonwood, Neva, Wabaunsee, Tarkio, Topeka, Heebner, Toronto, Lansing, B/KC, Cong. Sand, Granite Wash, LTD.

(Continued on page 2)

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Form sections: CASING RECORD, PERFORATION RECORD, Acid, Fracture, Shot, Cement Squeeze Record, TUBING RECORD, Date of First Production, Producing method, Estimated Production Per 24 Hours.

METHOD OF COMPLETION:  open hole,  perforation,  other (specify)
PRODUCTION INTERVAL: same as above, Lansing

15-065-22010-00-00

SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR A. Scott Ritchie

LEASE NAME Nola Frazey

SEC. 7 TWP. 6S RGE. 21

(E)  
(WX)

**FILL IN WELL LOG AS REQUIRED:**

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<p>(Continued from page 1)</p> <p>DST #6 from 3496' to 3514' (70' zone). Recovered 1005' of clean gassy oil, 120' of gassy oil cut mud, &amp; 840' of gas in pipe. IFP:154-252#/15"; ISIP:1196#/30"; FFP:362-406#/15"; FSIP:1185#/30".</p> <p>DST #7 from 3528' to 3540' (100' zone). Recovered 10' of mud. IFP:55-55#/30"; ISIP:1207#/30"; FFP:55-55#/30"; FSIP:1175#/30".</p> <p>DST #8 from 3558' to 3620' (140', 160', &amp; 180' zones). Recovered 240' of gas in pipe and 181' of gassy muddy oil. IFP:71-71#/30"; ISIP:1250#/45"; FFP:132-132#/30"; FSIP:1218#/45".</p> <p>DST #9 from 3615' to 3656' (200' &amp; 220' zones). Recovered 1200' of muddy water. IFP:77-274#/30"; ISIP:1175#/30"; FFP:351-548#/45"; FSIP:1121#/30".</p> <p>DST #10 from 3672' to 3710' (Cong. Sand). Recovered 3' of mud, no show of oil. IFP:66-66#/30"; ISIP:66#/30"; FFP:66-66#/30"; FSIP:66#/30".</p>				

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OCT 2 1986

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