

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

CONFIDENTIAL

Operator: License # 4767  
Name: Ritchie Exploration, Inc.  
Address: P.O. Box 783188  
City/State/Zip: Wichita, KS 67278-3188  
Purchaser: Eott  
Operator Contact Person: Karen Hopper  
Phone: (316) 691-9500

API No. 15 - 065-22,010 - 00-02  
County: Graham  
SW - SWNW Sec. 7 Twp. 6 S. R. 21  East  West  
2310 feet from S / N (circle one) Line of Section  
4900 feet from E / W (circle one) Line of Section

Contractor: Name: \_\_\_\_\_  
License: \_\_\_\_\_  
Wellsite Geologist: \_\_\_\_\_

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SW 2-11-2002  
Lease Name: Nola Frazey Well #: 1

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

Field Name: Boys West  
Producing Formation: LKC, Oread B, Toronto  
Elevation: Ground: 2206' Kelly Bushing: 2211'  
Total Depth: 3736' Plug Back Total Depth: 3652'

If Workover/Re-entry: Old Well Info as follows:

Amount of Surface Pipe Set and Cemented at 250 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
Yes, show depth set 1847 Feet

Operator: Ritchie Exploration, Inc.  
Well Name: Nola Frazey

If Alternate II completion, cement circulated from 1847  
feet depth to surface w/ 440 sx cmt.

Original Comp. Date: 7/26/84 Original Total Depth: 3736'  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back  Plug Back Total Depth  
 Commingled Docket No. CO 020204  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_

Drilling Fluid Management Plan Water EA 3-19-03  
(Data must be collected from the Reserve Pit)

11/14/01 11/17/01  
Spud Date or Date Reached TD Completion Date or Recompletion Date

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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]

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
\_\_\_\_\_  
UIC Distribution

Title: Production Manager Date: 2/8/02

Subscribed and sworn to before me this 8th day of February

2002  
Notary Public: Karen Hopper

Date Commission Expires: \_\_\_\_\_  
**KAREN HOPPER**  
Notary Public - State of Kansas  
My Appt. Expires 10/27/03

✓

X

Operator Name: Ritchie Exploration, Inc. Lease Name: Nola Frazey Well #: 1

Sec. 7 Twp. 6 S. R. 21  East  West County: Graham

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken  Yes  No  
(Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
(Submit Copy)

List All E. Logs Run:

R A Guard  
Neutron Density Porosity

Log Formation (Top), Depth and Datum  Sample

Name Top Datum

See attached

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	# Sacjs Used	Type and Percent Additives
surface	12 1/2"	8 5/8"	24#	250'	common	200	3% cc, 2% gel
production	7 7/8"	5 1/2"	14#	2736'	60/50 poz	125	10% salt

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	3607' - 3610'	1000 gal of 28% acid	
3	3600' - 3602'	600 gal of 28% acid	
2	3503' - 3606'	600 gal of 28% acid	
2	3455' - 3458'	600 gal of 28% acid	
3	3429' - 3442'	600 gal of 15% acid	
3	3382.3 - 3386.3'	450 gal of 15% acid	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2.875"	3635'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. 11/17/01 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
	7		3		30.9

Disposition of Gas **METHOD OF COMPLETION**  Vented  Sold  Used on Lease (If vented, Sumit ACO-18.)  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

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".

DST #6 from 3496' to 3514' (70' zone). Recovered 1005' of clean gassy oil, 120' of gassy oil cut mud, & 840' of gas in pipe.

IFP:154-252#/15"; ISIP:1196#/30";  
FFP:362-406#/15"; FSIP:1185#/30".

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".

DST #8 from 3558' to 3620' (140', 160', & 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".

DST #9 from 3615' to 3656' (200' & 220' zones). Recovered 1200' of muddy water.

IFP:77-274#/30"; ISIP:1175#/30";  
FFP:351-548#/45"; FSIP:1121#/30".

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".

Anhydrite	1868'	(+ 353)
B/Anhydrite	1890'	(+ 321)
Wreford	2536'	(- 325)
Funston	2594'	(- 383)
Beattie	2680'	(- 469)
Cottonwood	2697'	(- 486)
Neva	2745'	(- 534)
Wabaunsee	2946'	(- 735)
Tarkio	3054'	(- 843)
Topeka	3178'	(- 967)
Heebner	3411'	(-1200)
Toronto	3438'	(-1227)
Lansing	3455'	(-1244)
B/KC	3644'	(-1433)
Cong. Sand	3694'	(-1483)
Granite Wash	3728'	(-1517)
LTD	3737'	(-1526)

*Mc*

*KCC sa*  
FEB 0 2002

ORIGINAL

CONFIDENTIAL

CONFIDENTIAL

RECEIVED  
FEB 1  
KCC WICHT

RELEASED

MAR 15 2004

FROM CONFIDENTIAL

API-15-065-88010-0001