

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

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APR 21 2004  
KCC WICHITA

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

ORIGINAL

Operator: License # 4767  
Name: Ritchie Exploration, Inc.  
Address: P.O. Box 783188  
City/State/Zip: Wichita, KS 67278-3188  
Purchaser: NCRA  
Operator Contact Person: John Niernberger  
Phone: (316) 691-9500  
Contractor: Name: \_\_\_\_\_  
License: \_\_\_\_\_  
Wellsite Geologist: \_\_\_\_\_

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

If Workover/Re-entry: Old Well Info as follows:  
Operator: Ritchie Exploration, Inc.

Well Name: Nola Frazey #2  
Original Comp. Date: 3-7-1985 Original Total Depth: 3760'  
\_\_\_\_ Deepening \_\_\_\_ Re-perf. \_\_\_\_ Conv. to Enhr./SWD  
\_\_\_\_ Plug Back \_\_\_\_ Plug Back Total Depth  
 Commingled Docket No. \_\_\_\_\_  
\_\_\_\_ Dual Completion Docket No. \_\_\_\_\_  
\_\_\_\_ Other (SWD or Enhr.?) Docket No. \_\_\_\_\_

<u>2/11/04</u>	<u>2/18/04</u>
Spud Date or Recompletion Date	Date Reached TD Completion Date or Recompletion Date

API No. 15 - 065-22134-00-02  
County: Graham  
10' S. NE NE NW Sec. 7 Twp. 6S S. R. 21  East  West  
4940 feet from (S) N (circle one) Line of Section  
2970 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: Nola Frazey Well #: 2  
Field Name: Newboys

Producing Formation: Oread, Toronto, L/KC, Conglomerate  
Elevation: Ground: 2204' Kelly Bushing: 2209'  
Total Depth: 3760' Plug Back Total Depth: 3733'  
Amount of Surface Pipe Set and Cemented at 260 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1861' Feet  
If Alternate II completion, cement circulated from 1861'  
feet depth to surface w/ 430 sx cmt.

Drilling Fluid Management Plan As per within 2-6-07  
(Data must be collected from the Reserve Pit)  
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]  
Title: Production Manager Date: 04-20-04  
Subscribed and sworn to before me this 20th day of April,  
2004.  
Notary Public: Debra K. Phillips  
Date Commission Expires: 5/4/07

DEBRA K. PHILLIPS  
Notary Public - State of Kansas  
My Appt. Expires 5/4/07

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

✓

X

CONFIDENTIAL

Side Two

ORIGINAL

Operator Name: Ritchie Exploration, Inc. Lease Name: Nola Frazey Well #: 2
Sec. 7 Twp. 6S 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 [X] Yes [ ] No
Samples Sent to Geological Survey [X] Yes [ ] No
Cores Taken [ ] Yes [X] No
Electric Log Run [X] Yes [ ] No

[X] Log Formation (Top), Depth and Datum [ ] Sample
Name Top Datum

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List All E. Logs Run: Radiation Guard Log

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Table with 8 columns: 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. Rows include Surface and Production data.

Table with 5 columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives. Includes a list of purposes like Perforate, Protect Casing, etc.

Table with 3 columns: Shots Per Foot, PERFORATION RECORD - Bridge Plugs Set/Type, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used), Depth. Contains data for various well intervals.

Table with 4 columns: Tubing Record (Size, Set At, Packer At, Liner Run), Date of First, Resumerd Production, SWD or Enhr., Producing Method, Estimated Production Per 24 Hours (Oil, Gas, Water, Gravity).

Disposition of Gas METHOD OF COMPLETION Production Interval
[X] Vented [ ] Sold [ ] Used on Lease [ ] Open Hole [X] Perf. [ ] Dually Comp. [ ] Commingled
(If vented, Submit ACO-18.) [ ] Other (Specify)



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Formation Description  
 Log       Sample

Name	Top	Bottom
Anhydrite	1859'	(+ 350)
B/Anhydrite	1892'	(+ 317)
Topeka	3229'	(-1020)
Heebner	3419'	(-1210)
Toronto	3445'	(-1235)
Lansing	3462'	(-1253)
B/KC	3652'	(-1443)
Cong. Sand	3702'	(-1493)
Arbuckle	3738'	(-1529)
LTD	3762'	(-1553)

DST #1 from 3367' to 3404' (Lower Topeka). Recovered 180' of gas in pipe, 720' of clean gassy oil (trace of water) & 120' of heavily oil spotted muddy water. IFP:102-183#/15"; ISIP:1218#/30"; FFP:255-357#/15"; FSIP:1197#/30".

DST #2 from 3406' to 3468' (Toronto & Top zone). Recovered 240' of gas in pipe, 1200' of mud cut oil. IFP:81-265#/30"; ISIP:1300#/45"; FFP:357-387#/30"; FSIP:1269#/45".

DST #3 from 3476' to 3500' (35' zone). Recovered 390' of mud cut oil, 780' of gas in pipe. IFP:91-112#/15"; ISIP:991#/30"; FFP:153-163#/15"; FSIP:981#/30".

DST #4 from 3498' to 3515' (50' zone). Recovered 240' of gas in pipe, 50' of clean oil, 60' of oil and water cut mud, 180' of muddy water. IFP:61-112#/30"; ISIP:663#/30"; FFP:142-153#/30"; FSIP:674#/30".

DST #5 from 3513' to 3526' (70' zone). Recovered 60' of oil specked muddy water, 60' of muddy water. IFP:40-51#/30"; ISIP:1115#/45"; FFP:71-91#/30"; FSIP:1022#/45".

DST #6 from 3529' to 3544' (90' & 100' zones). Recovered 20' of drilling mud, no show of oil. IFP:30-40#/30"; ISIP:1104#/45"; FFP:40-40#/30"; FSIP:1074#/45".

DST #7 from 3560' to 3622' (140, 160, & 180' zones). Recovered 90' of slightly oil specked mud. IFP:71-81#/30"; ISIP:1228#/45"; FFP:91-102#/30"; FSIP:1197#/45".

(Continued on next column)

DST #8 from 3678' to 3706' (Cong. Sand). Recovered 70' of total fluid: 10' of mud cut oil, 60' of watery mud cut oil. IFP:51-51#/30"; ISIP:866#/30"; FFP:51-51#/30"; FSIP:733#/30".

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CONFIDENTIAL

Phone 913-483-2627, Russell, Kansas  
Phone 316-793-5861, Great Bend, Kansas

ORIGINAL  
Phone Plainville 913-434-2812  
Phone Kiowa 316-825-4618

*New*

# ALLIED CEMENTING CO., INC. N<sup>o</sup> 40866

Home Office P. O. Box 31

Russell, Kansas 67665

Date	2-2-85	Sec.	7	Twp.	6 <sup>s</sup>	Range	21 <sup>w</sup>	Called Out	12:05 A.M.	On Location	3:00 A.M.	Job Start	6:40 A.M.	Finish	7:00 A.M.
Lease	Nola Frazier		Well No.	2		Location	18 <sup>2</sup> 24 JCT 12 N 1/2 W S. side		County	Graham		State	Ks.		
Contractor	Munkin Dng. Co.			Rig #	16		Owner	Same							
Type Job	Set Surface Pipe														
Hole Size	12 1/4"		T.D.	261'											
Csg. Size	8 5/8"		Depth	261'											
Tbg. Size			Depth												
Drill Pipe			Depth												
Tool			Depth												
Cement Left in Csg.	15'		Shoe Joint												
Press Max.			Minimum	-											
Meas Line			Displace	X											
Perf.															

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To *A. Scott Ritchie*  
Street *125 N. Market, Suite 950*  
City *Wichita*, State *Ks. 67202*  
The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.  
X *Mart Shepik*  
CEMENT

Amount Ordered *195 sks com Quick Set*  
Consisting of  
Common *195 sks @ \$3.00/sk. \$975.00*  
Poz. Mix  
Gel.  
Chloride  
Quickset *10 units @ 25.00/unit 250.00*

Handling	<i>e 90¢/sk. (205 sks)</i>	Sales Tax	<i>184.50</i>
Mileage	<i>e 66¢/ton mi. (41 mi.)</i>		<i>254.77</i>
		Sub Total	<i>1664.27</i>
		Total	

### EQUIPMENT

Pumptrk	No	Cementer	<i>Gary H.</i>
	<i>83</i>	Helper	
Pumptrk	No	Cementer	
		Helper	
Bulktrk	<i>#68</i>	Driver	<i>Jim S.</i>
		Driver	

DEPTH of Job		
Reference:	<i>#1 Pumptruck - surface</i>	<i>360.00</i>
	<i>#8 1-8 5/8" surface plug</i>	<i>40.00</i>
	<i>#14 mileage @ 1.00/mi.</i>	<i>44.00</i>
	Sub Total	<i>444.00</i>
	Tax	
	Total	

Remarks: *Cement Circulated.*

Floating Equipment *Thanks*

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FEB 07 REC'D

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Phone 913-483-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812

Phone Kiowa 316-825-4618

# ALLIED CEMENTING CO., INC. <sup>New</sup> No 40875

Home Office P. O. Box 31

Russell, Kansas 67665

Date	2-10-35	Sec.	7	Twp.	6 <sup>s</sup>	Range	21 <sup>w</sup>	Called Out	8:45 A.M.	On Location	12:30 P.M.	Job Start	6:45 P.M.	Finish	7:15 P.M.
Lease No./to	Frazee	Well No.	2	Location				R 24 S 12 N 1/2 W		County	Grant	State	Mo	Ks.	

Contractor	Munin Only	Rig #	16
Type Job	Two-stage Production String		
Hole Size	7 7/8"	T.D.	3760'
Csg. Size	5 1/2"	Depth	3757'
Csg. Thg. Size	8 5/8"	Depth	260'
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	42'	Shoe Joint	42'
Press Max.	900#	Minimum	
Meas Line	X	Displace	
Perf.			

Owner	Same
To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Charge To	A Scott Ritchie
Street	125 N. Market, Suite 950
City	Wichita, State Ks. 67202
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	Tom Post

### EQUIPMENT

No	Cement	
Pumptrk 83	Helper	GARY H. DAVE P.
No	Cement	
Pumptrk	Helper	
	Driver	Jim S.
Bulktrk #68		
Bulktrk	Driver	

<b>CEMENT</b>	
Amount Ordered	130 sks 6 3/4" 10' salt with
Consisting of	a 10 sk. salt flush.
Common	78 sks @ 5.00/sk. 390.00
Poz. Mix	52 sks @ 2.10/sk. 109.20
Gel.	
Chloride	
Quickset	
Salt	23 sks @ 4.75/sk. 109.25

<b>DEPTH of Job</b>	
Reference: #3	Pumptruck-bottom stage \$38.00
#14	Mileage @ 1.00/mi. 41.00
	<b>Sub Total \$79.00</b>
	<b>Tax</b>
	<b>Total</b>

Handling	@ 90¢/sk. (153 sks)	137.70
Mileage	@ 66¢/mi. (41 mi.)	183.09
	<b>Sub Total</b>	<b>929.24</b>
	<b>Total</b>	

Remarks: Float Held.

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Thanks

Floating Equipment	5 1/2"
1-regular guide shoe	- 103.00
1-AFU insert	- 142.00
1-cementing basket	- 122.00
6-centralizers @ 44.00	- 264.00
1-D.V. tool (Arrow)	- 2608.00
	<b>\$3239.00</b>

CONFIDENTIAL

ORIGINAL

Phone 913-483-2627, Russell, Kansas  
Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812  
Phone Kiowa 316-825-4618

*New*

# ALLIED CEMENTING CO., INC. N<sup>o</sup> 40876

Home Office P. O. Box 31      Russell, Kansas 67665

Date	2-10-85	Sec.	7	Twp.	6 <sup>s</sup>	Range	21 <sup>w</sup>	Called Out	8:45 A.M.	On Location	12:30 P.M.	Job Start	7:45 P.M.	Finish	8:30 P.M.
Lease	Nola Frazey Well No. 2			Location				R <sup>3</sup> 24 JCT 12N 1/2 W		County	Graham	State	Ks.		
Contractor	Munha Dalg.			Rig #16				Owner				Same			
Type Job	Two-stage Production String														
Hole Size	7 7/8"			T.D.		3760'									
Csg. Size	5 1/2"			Depth		3757'									
Csg. Eng. Size	8 5/8"			Depth		260'									
Drill Pipe				Depth											
Tool	D.V.			Depth		1861'									
Cement Left in Csg.	42'			Shoe Joint		42'									
Press Max.	1900#			Minimum											
Meas Line	X			Displace											
Perf.															

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To *A. Scott Ritchie*  
Street *125 N. Market, Suite 950*  
City *Wichita*, State *Ks. 67202*  
The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.  
X *Tom Post*

### CEMENT

Amount Ordered *430 sks 50/3002 w/B gel.*

Consisting of	
Common	<i>225 sks @ \$500/sk. 1125.00</i>
Poz. Mix	<i>225 sks @ 2.12/sk. 472.50</i>
Gel.	<i>27 sks @ 7.25/sk. 195.75</i>
Chloride	
Quickset	

### EQUIPMENT

Pumptrk	No	Cementer	<i>Gary H. Darr P.</i>
	<i>83</i>	Helper	
Pumptrk	No	Cementer	<i>Tim H.</i>
		Helper	
Bulktrk	<i>#156</i>	Driver	
Bulktrk		Driver	<i>FEB 14 1985</i>

DEPTH of Job		
Reference: #3	<i>Pumptruck-top stage</i>	<i>600.00</i>
#14	<i>mileage</i>	<i>N/C</i>
	Sub Total	<i>600.00</i>
	Tax	
	Total	

Handling	<i>@ 90¢/sk. (477 sks)</i>	<i>429.30</i>
Mileage	<i>@ 66¢/100 mi. (41 mi.)</i>	<i>551.00</i>
	Sub Total	<i>980.30</i>
	Total	<i>2773.55</i>

Remarks: *D.V. tool held.  
Cement Circulated.  
Plugged rat hole w/10 sks.*

Floating Equipment *Thanks*  
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