

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

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FEB 11 2002  
KCC WICHITA

Operator: License # 4767

API No. 15 - 065-21,910-000

Name: Ritchie Exploration, Inc.

Graham

Address: P.O. Box 783188

SW-SW-NW Sec. 18 Twp. 6 S. R. 2310

City/State/Zip: Wichita, KS 67278-3188

2310 feet from S / (N) (circle one) Line of Section

Purchaser: Eott

4700 feet from (E) / W (circle one) Line of Section

Operator Contact Person: Karen Hopper

Footages Calculated from Nearest Outside Section Corner:

Phone: (316) 691-9500

(circle one) (NE) SE (NW) SW

Contractor: Name: \_\_\_\_\_

Lease Name: Frazey Well #: 1

License: \_\_\_\_\_

Field Name: Boys Southwest

Wellsite Geologist: \_\_\_\_\_

Producing Formation: LKC, Conglomerate Sand

Designate Type of Completion:

Elevation: Ground: 2307' Kelly Bushing: 2312'

\_\_\_\_ New Well \_\_\_\_ Re-Entry X Workover

Total Depth: 3870' Plug Back Total Depth: 3817'

X Oil \_\_\_\_ SWD \_\_\_\_ SIOW \_\_\_\_ Temp. Abd.

Amount of Surface Pipe Set and Cemented at 259' Feet

\_\_\_\_ Gas \_\_\_\_ ENHR \_\_\_\_ SIGW

Multiple Stage Cementing Collar Used?  Yes  No

\_\_\_\_ Dry \_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc)

If yes, show depth set 1974' Feet

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

If Alternate II completion, cement circulated from 1974'

Operator: Ritchie Exploration, Inc.

feet depth to surface w/ 500 sx cmt.

Well Name: Frazey

Drilling Fluid Management Plan NO EH 11-02

Original Comp. Date: 2/21/84 Original Total Depth: 3870'

(Data must be collected from the Reserve Pit)

\_\_\_\_ Deepening \_\_\_\_ Re-perf. \_\_\_\_ Conv. to Enhr./SWD

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

\_\_\_\_ Plug Back \_\_\_\_ Plug Back Total Depth

Dewatering method used \_\_\_\_\_

XX Commingled Docket No. CO 020205

Location of fluid disposal if hauled offsite: \_\_\_\_\_

\_\_\_\_ Dual Completion Docket No. \_\_\_\_\_

Operator Name: \_\_\_\_\_

\_\_\_\_ Other (SWD or Enhr.?) Docket No. \_\_\_\_\_

Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_

11/8/01 11/12/01

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

Spud Date or 11/8/01 Date Reached TD \_\_\_\_\_ Completion Date or 11/12/01

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

Recompletion Date \_\_\_\_\_ Completion Date \_\_\_\_\_

**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: 2/7/02

Subscribed and sworn to before me this 7th day of February 2002

Notary Public: Karen Hopper

Date Commission Expires: \_\_\_\_\_

KAREN HOPPER  
Notary Public - State of Kansas  
My Appt. Expires 10/27/03

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

X

Operator Name: Ritchie Exploration, Inc. Lease Name: Fraze Well #: 1  
 Sec. 18 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

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	12.5"	8 5/8"	23#	259'	common	175	2% gel, 3% cc
production	7 7/8"	4 1/2"	10.5#	3856'	60/40 poz	200	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	3806' - 3809'	500 gal of 15% acid	
1	3748', 3739'	1200 gal of 28% acid	
2	<del>3715' - 18', 3737' - 40', 3747' - 50'</del>	750 gal of 28% acid	
4	3686' - 3687.5'	400 gal of 28% acid	
2	3562.5' - 3565' ***Drill out CIBP @ 3796'***	600 gal of 28% acid	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	3809'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
11/12/01	<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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	6		2		22.3

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Sumit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

Production Interval

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FEB 07 2001

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ORIGINAL

DST #1 from 3514'-3582' (Toronto & Top zone). Gas to surface 20 min. into the 2nd opening. Recovered 3,000' of gassy oil (35° gravity). IFP:517-930#/30"; ISIP:1267#/30"; FFP:1028-1136#/30"; FSIP:1267#/30".

DST #2 from 3585'-3648' (35', 50', & 90' zones). Recovered 1760' of very slightly oil cut muddy water (2% gas, 2% oil, 83% water, & 13% mud). IFP:152-535#/30"; ISIP:1270#/30"; FFP:579-777#/30"; FSIP:1270#/30".

DST #3 from 3672'-3756' (140', 160', 180' 200' & 220' zones). Recovered 190' of heavy oil cut mud and 620' of muddy oil. IFP:109-262#/30"; ISIP:1205#/30"; FFP:327-371#/30"; FSIP:1195#/30".

DST #4 from 3754'-3824' (Conglomerate sand). Recovered 425' of very heavy oil cut mud. IFP:132-176#/30"; ISIP:1147#/30"; FFP:242-275#/30"; FSIP:1126#/30";

DST #5 from 3575'-3615' (log measurements, 35' zone). Straddle test. Lost tool and 255' of tail pipe in hole. Preparing to fish.

DST #6 from 3577'-3614' (log measurements, 35' zone). Straddle test. Recovered 10' of oil, 180' of slightly oil cut watery mud and 180' of slightly oil cut muddy water. IFP:65087#/30"; ISIP:1281#/30"; FFP:196-207#/30"; FSIP:1281#/30".

ELECTRIC LOG TOPS

Anhy	1964' (+ 348)
B/Anhy	1996' (+ 316)
Topeka	3288' (- 976)
Heebner	3522' (-1210)
Toronto	3546' (-1234)
Lansing	3562' (-1250)
B/KC	3754' (-1442)
Congl. Sd.	3805' (-1493)
Arb	3831' (-1519)
LTD	3866' (-1554)

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MAR 15 2004

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