| ¹ ¥ | CENED | | | | | |
|--|---|--|--|--|--|--|
| | RECT. IN | | | | | |
| Kansas Corpora Oil & Gas Conse | BVATION DIVISION September 1999 | | | | | |
| WELLCOMDI | ETION EODM | | | | | |
| WELL COMPL WELL HISTORY - DESCRI | PTION OF WELL & LEASE | | | | | |
| | | | | | | |
| Operator: License #_4767 | API No. 15 - 065-22597- 00-01 ORG NAL | | | | | |
| Name: Ritchie Exploration, Inc. | County: Graham | | | | | |
| Address: P.O. Box 783188 | 100'S _ S2 _ NW _ Sec. 7 Twp. 6S S. R. 21 East W West | | | | | |
| City/State/Zip: Wichita, KS 67278-3188 | 3200 feet from S / N (circle one) Line of Section | | | | | |
| Purchaser: NCRA | 3960 feet from E/ W (circle one) Line of Section | | | | | |
| Operator Contact Person: John Niernberger | Footages Calculated from Nearest Outside Section Corner: | | | | | |
| Phone: (316) 691-9500 | (circle one) NE (SE) NW SW | | | | | |
| Contractor: Name: | Lease Name: Nola Frazey Well #: 4 | | | | | |
| License: | Field Name: Boys West | | | | | |
| Wellsite Geologist: | Producing Formation: Oread, Toronto, L/KC | | | | | |
| Designate Type of Completion: | Elevation: Ground: 2202' Kelly Bushing: 2207' | | | | | |
| New Well Re-Entry Workover | Total Depth: 3760' Plug Back Total Depth: n/a | | | | | |
| OilSWDSIOWTemp. Abd. | Amount of Surface Pipe Set and Cemented at 254 Feet | | | | | |
| Gas ENHR SIGW | Multiple Stage Cementing Collar Used? | | | | | |
| Dry Other (Core, WSW, Expl., Cathodic, etc) | If yes, show depth setFeel | | | | | |
| If Workover/Re-entry: Old Well Info as follows: | If Alternate II completion, cement circulated from 1849' | | | | | |
| Operator: _Ritchie Exploration, Inc. | feet depth to surface w/ 250 sx cmt. | | | | | |
| Well Name: Nola Frazey #4 | feet depth to surface w/ 250 sx cmt. | | | | | |
| Original Comp. Date: 11-16-90 Original Total Depth: 3760' | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) | | | | | |
| DeepeningRe-perfConv. to Enhr./SWD | | | | | | |
| Plug Back Plug Back Total Depth | Chloride contentppm Fluid volumebbls | | | | | |
| Commingled Docket No. | Dewatering method used | | | | | |
| Dual Completion Docket No | Location of fluid disposal if hauled offsite: | | | | | |
| Other (SWD or Enhr.?) Docket No | Operator Name: | | | | | |
| Other (SWD of Eliffi.:) | 'Lease Name: License No.: | | | | | |
| 2/18/04 2/24/04 Spud Date or Date Reached TD Completion Date or | Quarter Sec TwpS. R East West | | | | | |
| Spud Date or Date Reached TD Completion Date or Recompletion Date | County: Docket No.: | | | | | |
| | | | | | | |
| | | | | | | |
| | the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, | | | | | |
| | er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 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 regula | ate the oil and gas industry have been fully complied with and the statements | | | | | |
| herein are complete and correct to the best of my knowledge. | | | | | | |
| | KCC Office Use ONLY | | | | | |
| Signature: | 110/ | | | | | |
| Title: Production Manager Date: 04-20-04 | Letter of Confidentiality Attached | | | | | |
| Subscribed and sworn to before me this 20 day of | If Denied, Yes Date: | | | | | |
| | Wireline Log Received | | | | | |
| Notary Public - State | d Kansas Geologist Report Received | | | | | |
| 5/4/0 | UIC Distribution | | | | | |
| Date Commission Expires: 5/4/07 | | | | | | |

RECEIVED

Side Two

APT. 2 1 2004 ORIGINAL

Nola Frazey

| Operator Name: Ritchie Exploration, Inc. | | | | Name: | Nola Frazey ੈੈ | | _ Well #: _4 | | |
|---|---|---|-----------------------------|-------------|--|---------------------|---|-------------------------|-----------|
| | 6S S. R. 21 | | County | | | | ···· | | |
| tested, time tool ope temperature, fluid re | en and closed, flowin covery, and flow rate | and base of formations p g and shut-in pressures, s if gas to surface test, a final geological well site | whether sh along with fi | ut-in pr | essure reached | static level, hydro | static pressur | es, bottom hole | е |
| Drill Stem Tests Taken (Attach Additional Sheets) | | | ✓ Log Formation (Top), De | | | pth and Datum Sam | | le | |
| Samples Sent to Geological Survey | | | Name | | | Тор | Datum | 1 | |
| Cores Taken Yes V N | | Yes V No | | Anhydrite | | | 1855' | + 35 | 52 |
| Electric Log Run | | ✓ Yes No | | B/Anhydrite | | | 1888' | + 31 | |
| (Submit Copy) | | | | - | Topeka 3225' - | | | | |
| List All E. Logs Run: | | | | 1 | | | | |)8 8.4 |
| Gamma Ray Correlation Log | | | | | | | 3459 ' | -123 -125 | |
| Gaillilla Nay | Correlation Lo | g | | B/F | | : | 3647 ' | -144 | 0 |
| | | | | , – | . sand | | 3695 ' | -148 | |
| | | | | | ouckle | | 3715 ' | -150 | |
| | | CASING Report all strings set- | RECORD | | - | | 3756 ' | -154 | 19 |
| Purpose of String | Size Hole | Size Casing | Weig | ht | Setting | Type of | # Sacks | Type and Pe | rcent |
| Surface | 12-1/4" | Set (In O.D.) 8-5/8" | Lbs./ | Ft. | Depth 254' | 60/40 poz | Used 185 | Additives 2% gel, 3% | |
| Production | 7-7/8" | 5-1/2" | 14# | | 3757' | 60/40 poz | 115 | 10% salt & 3% g | |
| aurangala-gopulaput-igproventay,,, armad | | | | | | | | | |
| L | | ADDITIONAL | _ CEMENTIN | IG / SQI | JEEZE RECORD | | 1 | | |
| Purpose: Depth Top Botton | | Type of Cement | #Sacks Used | | Type and Percent Additives | | | | |
| Protect Casing Plug Back TD Plug Off Zone | | | | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | * |
| | T | | | | | | | | |
| 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 | 3441' - 3444.5' (Toronto) 11/1990 | | | | 750 gal of 15% NE | | | | |
| 4 | 3509' - 3512' (L/KC) 2/2004 | | | | 375 gal of 28% NE | | | | |
| 4 | 3493.5' - 3497.5' (L/KC) 2/2004 | | | | 375 gal of 28% NE | | | | |
| 4 | 3390' - 3394' (Oread) 2/2004 | | | | 350 gal of 15% NE | | | | |
| TUBING RECORD | Size | Set At | Packer At | | Liner Run | | | | |
| 2-3/8" 3700 | | | | | i | Yes V No | | | |
| Date of First, Resumer 2/25/04 | rd Production, SWD or E | Enhr. Producing Met | thod | Flowing | g 🔽 Pumpin | ng Gas Lift | Othe | er (Explain) | |
| Estimated Production Per 24 Hours | l l | Bbls. Gas | Mcf | Wate 5.5 | er Bt | ols. G | as-Oil Ratio | Gra | • |
| Disposition of Gas METHOD OF COMPLETION Production Interval | | | | | | | | | |
| Vented Sold | Used on Lease | Open Hole | Perf. | | Dually Comp. | Commingled | | V. M | |
| , | · · · · · · • · · · | Other (Speci | пу) | ····· | | | | | |

ORIGINAL

CONFIDENTIARITCHIE EXPLORATION, INC.

125 N. Market - Suite 1000 Wichita, Kansas 67202-1775 316-267-4375 FAX 316-267-3026

#4767 #4 Nola Frazey 100' S of S/2 NW Section 7-6S-21W Graham County, Kansas API# 15-065-22,597

ACO-1 form Page 2

DRILL STEM TESTS:

DST #1 from 3383' to 3406' (Oread "B"). Recovered 193' of muddy water w/trace of oil. IFP:53-64#/30";ISIP:277#/45"; FFP:85-106#/30";FSIP:277#/45".

DST #2 from 3413' to 3455' (Toronto). Recovered 91' of clean gassy oil and 92' of slightly gas cut muddy oil. IFP:64-77#/30";ISIP:319#/45"; FFP:85-85#/30";FSIP:319#/45".

 $\frac{\text{DST}}{\text{zones}}$. Recovered 10' of oil cut mud (30% oil, 70% mud); 61' of slightly oil cut mud (10% oil, 90% mud); and 20' of water.

IFP:53-53#/30";ISIP:117#/45"; FFP:53-53#/30";FSIP:106#/45".

DST #4 from 3592' to 3620' (160'-180' zones). Recovered 2' of mud. IFP:21-21#/30";ISIP:32#/30"; FFP:21-21#/30";FSIP:32#/30".

DST #5 from 3648' to 3710' (Cgl. sand). Recovered 15' of mud with good show of oil in tool. IFP:64-64#/30";ISIP:595#/30"; FFP:64-64#/30";FSIP:489#/30".

