

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999

WELL COMPLETION FORM

WELL-HISTORY DESCRIPTION OF WELL & LEASE

Form Must Be Typed

| CONTUENTAL | ORIGINAL |
|--|---|
| Operator: License # 4767 | API No. 15 - 083-21502 - 06 - 00 |
| Name: Ritchie Exploration, Inc. | County: Hodgeman |
| Address: P.O. Box 783188 | E -C - W/2 - Sec. 14 Twp. 21 S. R. 23 □ East ♥ West |
| City/State/Zip: Wichita, KS 67278-3188 | 2670 feet from S / N (circle one) Line of Section |
| rurchaser: | 1380 feet from E /(W)(circle one) Line of Section |
| Operator Contact Person: Craig Caulk | Footages Calculated from Nearest Outside Section Corner: |
| Phone: (316) 691-9500 | (circle one) NE SE NW SW |
| Contractor: Name: Val Energy, Inc. | Lease Name: Frusher Ewy Well #: 1 |
| icense: 5822 | Field Name: |
| Wellsite Geologist: Tim Priest CONFIDENT | Producing Formation: |
| Designate Type of Completion: | Elevation: Ground: 2338' Kelly Bushing: 2348' |
| New Well Re-Entry Workover | Total Depth: 4660' Plug Back Total Depth: |
| Oil SWD SIOWTemp. Abd. | Amount of Surface Pipe Set and Cemented at 207 Feet |
| Gas ENHR SIGW | Multiple Stage Cementing Collar Used? |
| Dry Other (Core, WSW, Expl., Cathodic, etc) | If yes, show depth setFeet |
| If Workover/Re-entry: Old Well Info as follows: | If Alternate II completion, cement circulated from |
| Operator: | feet depth tow/sx cmt. |
| Well Name: | Test depth to |
| Original Comp. Date: Original Total Depth: | Drilling Fluid Management Plan ALT II when |
| Deepening Re-perf. Conv. to Enhr./SWD | (Data must be collected from the Reserve Pit) 12-13-07- |
| | Chloride content 30,000 ppm Fluid volume 800 bbls |
| Plug Back Plug Back Total Depth Commingled Docket No. | Dewatering method used_evaporation |
| - | Location of fluid disposal if hauled offsite: |
| Dual Completion Docket No | Operator Name: |
| Other (SWD or Enhr.?) Docket No | Lease Name:License No.: |
| 7/26/05 8/4/05 8/4/05 | Quarter Sec TwpS. R East West |
| Spud Date or Date Reached TD Completion Date or Recompletion Date | County: Docket No.: |
| · | County. |
| Kansas 67202, within 120 days of the spud date, recompletion, workov Information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells all requirements of the statutes, rules and regulations promulgated to regulations. | n 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. 12 months if requested in writing and submitted with the form (see rule 82-3-13) and geologist well report shall be attached with this form. ALL CEMENTING S. Submit CP-111 form with all temporarily abandoned wells. |
| nerein are complete and correct to the best of my knowledge. Signature: | KCC Office Use ONLY |
| Coologist 20/11/05 | |
| Fittle: Geologist Date: 10/11/05 | Letter of Confidentiality Received |
| Subscribed and sworn to before me thisday of | If Denied, Yes Date: |
| PHILLIP | Wireline Log Received |
| Subscribed and sworn to before me this 11 day of DCTDE PARILY ROLL OF SPECIAL PROPERTY OF SPECIAL PROPERTY OF THE SPECIAL PROP | Geologist Report Received |
| - 11 /2 (SUV 6 19) | UIC Distribution |
| Date Commission Expires: 5/4/07 OF 100 2016 25 | |
| | |



Side Two

ORIGINAL

| Operator Name: KITCI | nie Exploration, | inc. | | | | -rusner Ewy | | Well #: | | |
|--|--|---------------------------|-----------------------------------|--------------------|---|------------------|---------------------|----------------|---------------|-------------|
| Sec. 14 Twp. 21 | S. R. <u>23</u> | Eas | t ✓ West | Coun | nty: Hodg | eman | | | | |
| INSTRUCTIONS: Shot tested, time tool open temperature, fluid reco | and closed, flowing overy, and flow rate | g and shut s if gas to | -in pressures, surface test, a | whether along with | shut-in pre | ssure reached | static level, hydro | ostatic pressu | res, bottom | hole |
| Drill Stem Tests Taken (Attach Additional S | | ØY | es 🗌 No | | | og Format | ion (Top), Depth a | and Datum | √ Sa | mple |
| Samples Sent to Geological Survey | | | es 🗌 No | | Nam | е | | Тор | Da | tum |
| Cores Taken | | □ Y ✓ Y | | | | SEE ATTACHED | | | | EIVED |
| List All E. Logs Run: | • | | | | _ | | | U | CT 12 | 2005 |
| Dual Induction Dual Compens | | y Log (| OCT 1 ONFIE | | | | | KC | C WIC | HITA: |
| | | | | RECORD | 4 | <u></u> | | | | |
| Burnage of String | Size Hole | | rt all strings set-c | 1 | surface, into | ermediate, produ | Type of | # Sacks | Type and | d Percent |
| Purpose of String | Drilled | Se | t (In O.D.) | | s. / Ft. | Depth | Cement | Used | Add | tives |
| Surface | 12-1/4 | 8-5/8 | | 28# | | 207' | common | 165 | 3%cc, 2 | % gel |
| | | | • | | | | | | | |
| | | | ADDITIONAL | CEMENT | TING / SQL | JEEZE RECOR | D | | | |
| Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone | Depth Top Bottom | Туре | of Cement | #Sacl | acks Used Type and Percent Additives | | | S | | |
| Shots Per Foot PERFORATION RECORD - Bridge Plugs S Specify Footage of Each Interval Perforat | | | | e | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | | | Depth | | |
| | | | | | | | | | | - |
| | | ,,,,, | | | | | | | | |
| TUDING DECODE | Circ | Dat At | | Packer | , A+ | Liner Du- | | | | |
| TUBING RECORD | Size | Set At | | Facker | - AL | Liner Run | Yes No |) | | |
| Date of First, Resumerd | Production, SWD or E | Enhr, | Producing Met | hod | Flowin | g Pump | ing 🔲 Gas Li | ift 🗌 Oth | ner (Explain) | |
| Estimated Production Per 24 Hours | Oil | Bbls. | Gas | Mcf | Wat | er I | 3bls. (| Gas-Oil Ratio | | Gravity |
| Disposition of Gas | _ METHOD OF | COMPLETION | DN . | | L | Production Inte | rval | | | |
| Vented Sold | Used on Lease mit ACO-18.) | | Open Hole Other (Spec | Pe | erf. [] [| Dually Comp. | Commingled | | | |



#1 Frusher-Ewy
2670' FSL & 1380' FWL
Section 14-21S-23W
Hodgeman County, Kansas
API# 15-083-21502-00-00
Elevation: 2,338' GL, 2,348' KB

RECEIVED OCT 1 2 2005 KCC WICHITA

| | | | Ref. |
|----------------|-------|-------|------|
| Sample Tops | | | Well |
| Anhydrite* | 1585' | +763 | -21 |
| B/Anhydrite | 1581' | +757 | +4 |
| Heebner | 3859 | -1511 | +13 |
| Lansing | 3914' | -1566 | +10 |
| Muncie Shale | 4076' | -1728 | +14 |
| Pawnee | 4370' | -2022 | +16 |
| Fort Scott | 4438' | -2090 | +18 |
| Cherokee Shale | 4462' | -2114 | +17 |
| Mississippian | 4545' | -2197 | +12 |
| RTD | 4660' | -2312 | |

ALLIED CEMENTING CO., INC. 17240

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665

SERVICE POINT:

| K033 | ELL, KA | NSAS 6/6 | 063 | | | Noss | city |
|---------------------------------------|---------------------------------------|---------------|------------------------|---|---|------------------|------------|
| DATE 7-26-05 | SEC. | TWP. | RANGE 23 | CALLED OUT | ON LOCATION | JOB START 9:500m | JOB FINISH |
| Frusher- LEASE Suit | WELL# | i | LOCATION A | . • | - | COUNTY | STATE |
| OLD OR NEW (Cir | ' | ! | Document 100 S | s City 135 | 4E1/25 | Harlyman | KS |
| CONTRACTOR | Val | Enc | ~ # | OWNER | | - | |
| TYPE OF JOB | Sun | ace | ~~ | | | | |
| HOLE SIZE | 12/4 | <u>T.D</u> | . 222 | _ CEMENT | | | |
| CASING SIZE | 878 | <u>DE</u> | PTH 217 | _ AMOUNT OF | RDERED | | |
| TUBING SIZE | | DE: | PTH | 150 C | Em 3%cc | 29/16 | |
| DRILL PIPE | | DE | PTH | | | | |
| TOOL | | | PTH | | | | |
| PRES. MAX | | | NIMUM | _ COMMON_ | 150 Mf. | @ 3.7 0 | 1305 a |
| MEAS, LINE | 000 | SHO | OE JOINT | _ POZMIX | | | |
| CEMENT LEFT IN | CSG. | 15 | | _ GEL _ | 34. | @ 14.00 | 42,00 |
| PERFS. | , | 0.44. | | _ CHLORIDE | Say. | @ 38. 00 | 190,00 |
| DISPLACEMENT | | 2/4 | | _ ASC | sin. | @ | |
| | EQU | IPMENT | | *************************************** | | @ | |
| | | | | REC | EIVED | _@ | |
| _ | CEMENT: | ER | like | _ | | _@ | |
| | TELPER | J.U | Eighous. | _ | 1 2 2005 | _@ | |
| BULK TRUCK | | | 1 | VCCI | WICHITA | | |
| | DRIVER | <u> </u> | teve. | _ | AAICI II IV | | |
| BULK TRUCK | | | • | | | | |
| <u>#</u> I | DRIVER | · · · · · · · | | - HANDLING | ISBAL | @ <i>[.60</i> | 252.80 |
| | | | | MILEAGE | 2) 1 - | | 100 00 |
| | REN | MARKS: | | <u></u> | | | 177.08 |
| | | sed 2 | يختن | | | TOTAL | 1988,8 |
| Circ 85/8 | | /ru | pump | _ | SERVI | CF | |
| Mux cent | رمال | o ser | w/ 12/4BBL | | DERVI | CE | |
| centalia | Ci | ra T | | | DB_2/7' | | |
| | | | | | K CHARGE | | 670.00 |
| | · · · · · · · · · · · · · · · · · · · | · | | | TAGE_ | | 610.00 |
| · · · · · · · · · · · · · · · · · · · | | | | MILEAGE | | _ @ <u></u> | 105 00 |
| | | | Thanks | | 01 | @ | 102.00 |
| | | | | | | @ | |
| | | | | To be graphed to | -4: | @ | |
| CHARGE TO: R | ital. | ۔ سمک ہ | In Tax | V Synthetic | \$1.36 Person | | |
| | | | | _ | | TOTAL | 775 00 |
| STREET | | | | - | | IOIAL | 775.00 |
| CITY | STA | ATE. | ZIP | | | | |
| STATEZIF | | | PLUG & FLOAT EQUIPMENT | | | | |
| | | | | | | | · . |
| | | | | MANIFOLD_ | | | |
| T A 11' 1 C . | ~ | | : | 878 70 | o aboo | @ <u>\$\$</u> | 5500 |
| To Allied Cementi | | | | | | | |
| You are hereby req | juested to | rent cem | enting equipment | · | | _@ | |
| and furnish cemen | ter and he | elper to as | ssist owner or | | | | |
| | | | e above work was | بالمريسس الانتان سريمية | المهجوب المستحدين المستحدد المستحدد المستحدد المستحدد | | |
| done to satisfaction | | | | | | TOTAL | 55.00 |
| | | | the "TERMS AND | | | | |
| CONDITIONS" lis | sted on th | ne reverse | side. | TAX | | | |
| | | | | TOTAL CHAR | GE | | |
| | | | | | , | | |
| | | | | DISCOUNT — | | IF PAID | IN 30 DAYS |
| \sim | · / | 0 | ~ 1 | | _ | | |
| signature <u>2</u> | wh | <u>_</u> | th | _ R:J | e Smith | | |
| | | - 77 | | | PRINTE | ED NAME | |
| | | | | | - 1/11/1T | A 14 BATEL | l |

ALLIED CEMENTING CO., INC. 17959

| CALLED OUT ON LOCATION 2:00 PM 5:30 PM | JOB START JOB FINISH 8:30 PM 11:30 PM |
|--|---|
| 2:00 PM 5:30 PM | 8:30 pm /1, 3/1 pr |
| 10 11 11 - 11 | COUNTY STATE |
| 1001th, 4E, 12N | Hodgeman Kansas |
| | |
| OWNER Ritchie | |
| · | |
| CEMENT | |
| | x 60/40 Poz. |
| 670 GEL 14 floseal | perox. |
| | |
| COMMON_105 | <u>@ 8.70 913.50</u> |
| POZMIX 70 | _@ <u>4.70 329.00</u> |
| | _@ <i>_{4.00/54.00</i> |
| | @ |
| floseal 44 | @ 1.70 74.80 |
| RECEIVED | |
| | _@ |
| —————————————————————————————————————— | |
| KCC WICHITA | |
| | |
| 100 | _@ |
| | _@1,60 <u>300,8</u> 0 |
| WILLEAGE 22 100 | TOTAL 2020 2 |
| SERVI | CE |
| DEPTH OF JOB 1560' | |
| PUMP TRUCK CHARGE | 665,01 |
| | _@ |
| MILEAGE 22 | @ 5,00 110.00 |
| **** | _@ @ |
| | |
| | |
| | TOTAL 715.00 |
| PLUG & FLOAT | T EQUIPMENT |
| MANIFOLD | _@ |
| 1.85/8 Dryhole. | _@ <u>35.00</u> |
| - | _@ |
| | @ @ |
| | |
| | TOTAL 35.08 |
| | |
| TAX | <u>.</u> |
| TOTAL CHARGE | |
| | |
| DISCOUNT | IF PAID IN 30 DAYS |
| x 4 . \/ . \. | |
| DDINITE | ED NAME |
| | AMOUNT ORDERED /75/678 GEL //# flower COMMON /05 POZMIX 70 GEL // CHLORIDE ASC FLOGER 4/F RECEIVED OCT 12 2005 KCC WICHITA HANDLING /88 MILEAGE 22 6 88 SERVIOLE PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE 22 PLUG & FLOAT MANIFOLD / 858 Daylor TAX TOTAL CHARGE |