

Kansas Corporation Commission Oil & Gas Conservation Division

1068286

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| OPERATOR: License # | API No. 15 |
|--|--|
| Name: | Spot Description: |
| Address 1: | SecTwpS. R |
| Address 2: | Feet from North / South Line of Section |
| City: | Feet from East / West Line of Section |
| Contact Person: | Footages Calculated from Nearest Outside Section Corner: |
| Phone: () | □NE □NW □SE □SW |
| CONTRACTOR: License # | County: |
| Name: | Lease Name: Well #: |
| Wellsite Geologist: | Field Name: |
| Purchaser: | Producing Formation: |
| Designate Type of Completion: | Elevation: Ground: Kelly Bushing: |
| ☐ New Well ☐ Re-Entry ☐ Workover | Total Depth: Plug Back Total Depth: |
| □ Oil □ WSW □ SWD □ SIOW | Amount of Surface Pipe Set and Cemented at: Feet |
| ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW | Multiple Stage Cementing Collar Used? Yes No |
| ☐ OG ☐ GSW ☐ Temp. Abd. | If yes, show depth set: Feet |
| CM (Coal Bed Methane) | If Alternate II completion, cement circulated from: |
| Cathodic Other (Core, Expl., etc.): | feet depth to:w/sx cmt |
| If Workover/Re-entry: Old Well Info as follows: | |
| Operator: | Drilling Christ Management Dlan |
| Well Name: | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) |
| Original Comp. Date: Original Total Depth: | Chloride content:ppm Fluid volume:bbls |
| ☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD | Dewatering method used: |
| Conv. to GSW | Dewatering metriod used. |
| Plug Back: Plug Back Total Depth | Location of fluid disposal if hauled offsite: |
| Commingled Permit #: | Operator Name: |
| Dual Completion Permit #: | Lease Name: License #: |
| SWD Permit #: | |
| ☐ ENHR Permit #: | Quarter Sec TwpS. R |
| GSW Permit #: | County: Permit #: |
| Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date | |

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

| KCC Office Use ONLY |
|------------------------------------|
| Letter of Confidentiality Received |
| Date: |
| Confidential Release Date: |
| Wireline Log Received |
| Geologist Report Received |
| UIC Distribution |
| ALT I III Approved by: Date: |

Side Two



| Operator Name: | | | Lease Name | e: | | | _ Well #: | |
|--|---|--|-------------------------------|--|--------------------------|------------------------|-----------------|---------------------|
| Sec Twp | S. R | East West | County: | | | | | |
| time tool open and clos | sed, flowing and shut s if gas to surface tes | I base of formations per in pressures, whether set, along with final chart well site report. | shut-in pressure | reached s | static level, | hydrostatic press | sures, bottom h | ole temperature, fl |
| Orill Stem Tests Taken (Attach Additional S | | Yes No | | Log | Formatio | n (Top), Depth an | d Datum | Sample |
| Samples Sent to Geolo | | ☐ Yes ☐ No | N | lame | | | Тор | Datum |
| Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy) | I Electronically | Yes No Yes No Yes No | | | | | | |
| List All E. Logs Run: | | | RECORD [| | Used | | | |
| | Size Hole | Report all strings set- Size Casing | -conductor, surface Weight | | ate, producti Setting | on, etc. Type of | # Sacks | Type and Percen |
| Purpose of String | Drilled | Set (In O.D.) | Lbs. / Ft. | | Depth | Cement | Used | Additives |
| | | ADDITIONA | L OFMENTING (| 00115575 | DECORD | | | |
| | | ADDITIONA | L CEMENTING / : | SQUEEZE | RECORD | | | |
| Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone | Depth Top Bottom | Depth Type of Cement # Sac | | Type and Percent Additives | | | | |
| | | | | | | | | |
| Shots Per Foot | Shots Per Foot PERFORATION RECORD - Bridge Plut Specify Footage of Each Interval Pe | | | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | | | d Depth | |
| | | | | | | | | |
| TUBING RECORD: | Size: | Set At: | Packer At: | Line | r Run: | Yes No | | |
| Date of First, Resumed I | Production, SWD or ENI | HR. Producing Me | thod: | Gas Li | ift C | Other (Explain) | | |
| Estimated Production Per 24 Hours | Oil E | Bbls. Gas | Mcf | Water | В | bls. (| Gas-Oil Ratio | Gravity |
| DISPOSITIO | Used on Lease | Open Hole | METHOD OF COM Perf. D | MPLETION: ually Comp omit ACO-5) | . Cor | nmingled mit ACO-4) | PRODUCTIO | ON INTERVAL: |
| (If vented, Sub | mit ACO-18.) | Other (Specify) _ | | | | | | |

| Lease Name: Yoho | Spud Date: 7-5-11 | Surface Pipe Size: 8" | Depth: 40' | TD: 1446 |
|------------------------------|--|-----------------------|------------|----------|
| Operator: Robert Christenson | Well #14 Yoho | Bit Diameter: 6 3/4" | | |
| | | | | |
| Footage taken | Sample type | | | |
| 0_3 | soil | | | |
| 3_14 | clay | | | |
| 14_164 | shale sand | | | |
| 164_171 | lime | | | |
| 171_181 | shale | | | |
| 181_208 | lime | | | |
| 208_212 | shale | | | |
| 212_234 | lime | | | |
| 234_261 | shale | | | |
| 261_454 | lime | | | |
| | 1 1 a trans (a / A) | | | |
| 454_461 | shale | | | _ |
| 461_497 | lime | | | |
| 497_504 | shale | | | |
| 504_581 | lime | | | |
| 581_587 | shale | | | |
| 587_606 | lime | | | |
| 606_610 | shale | | | |
| 610_630 | lime | | | |
| 630_634 | shale | | | |
| 634_637 | lime | | | |
| 637_651 | shale | | | |
| 651_653 | lime | | | |
| 653_803 | shale | | | |
| 803_807 | lime | 4. | | |
| 807_818 | shale | | | |
| | lime | | | |
| 818_822 | Contract Con | | | |
| 822_827 | shale | | | |
| 827_834 | lime | | | |
| 834_837 | shale | | | |
| 837_842 | lime | <u> </u> | | |
| 842_847 | shale | | | |
| 847_851 | lime | | | |
| 851_897 | shale | | | |
| 897_899 | lime | | | |
| 899_905 | shale | | | |
| 905_914 | lime | | | |
| 914_920 | shale | | | |
| 920_922 | lime | | | |
| 922_929 | shale | | | - |
| 929_933 | lime | | | |
| 933_950 | shale | | | |
| | | | | _ |
| 950_955 | lime | | | - |
| 955_968 | shale | | | |
| 968_971 | lime | | | |
| 971_973 | shale | | | |
| 973_976 | lime | | | |
| 976_982 | shale | | | |
| 982_984 | lime | | | |
| 984_1031 | shale | | | |
| 1031_1032 | 1st cap | | | |
| 1032_1034 | shale | | | |
| | | | | |
| 1034_1035 | 2nd cap | | | |
| 1035_1043 | lime | | | |
| 1043_1076 | shale | | | |

| 1076_1078 | lime | | |
|-----------|-------------------------------|--|--|
| 1078_1089 | shale | | |
| 1089_1093 | lime | | |
| 1093_1201 | shale | | |
| 1201_1206 | black shale | | |
| 1206_1369 | shale | | |
| 1369_1373 | lime | | |
| 1373_1382 | shale | | |
| 1382_1393 | lime | | |
| 1393_1399 | 1st break, good oil odor | | |
| 1399_1404 | hard lime | | |
| 1404_1418 | 2nd break oil, great odor | | |
| 1418_1431 | hard lime | | |
| 1431_1446 | 3rd break, slight odor of oil | | |
| 1446 | TD | | |

FED ID# 48-1214033
MC ID # 165290
Shop # 620 437-2661
Cellular # 620 437-7582
Office # 316 685-5908
Office Fax # 316-685-5926
Shop Address: 3613A Y Road
Madison, KS 66860

Hurricane Services, Inc. P.O. Box 782228 Wichita, KS 67278-2228

Cement, Acid or Tools Service Ticket 4578

| Wick | 13011, 130 00000 | | | DATE | 0 11 |
|---------------|--------------------------------------|---|------------------|-------------------|---------------|
| | | COUNTY | Woodson CITY | | |
| CHARGE TO | CIS Oil | | | | |
| ADDRESS | | CITY | ST | ZIP | MANAGER |
| EASE & WELL | NO. Yoho #14 | CON | TRACTORS | Teve Leis | |
| IND OF JOB_ | LongsTring | SEC | TWP | RNG | |
| IR. TO LOC | | | | | OLD (NE |
| Quantity | MATERI | AL USED | | Serv. Charge | 750,00 |
| 156 sks | Quick Set Coment | | | | 2574.00 |
| 780 16s | | | | | 351.00 |
| 500 lbs. | GeL > Flush Ahead | | , | | 125.00 |
| 5 Hs | | | | | 400.00 |
| 5 Hrs. | | | | | 500.00 |
| | milege on Tik. #290 | | | | 45.00 |
| 925 TOAS | BULK TRK. MILES | | | | 305.25 |
| 30 | PUMP TRK. MILES | | | | 90.00 |
| (| Restalow wiseline | | | | 50.00 |
| 1 | PLUGS 41/2" Top Rubber | | | | 38.00 |
| | | | 7 | 32 SALES TAX | 225,42 |
| | | | | TOTAL | 5453.67 |
| D | | | CSG. SET AT/ | 1440 - V | / |
| ZE HOLE | 634" | A Distance of the last of the | TBG SET AT | v | OLUME |
| X. PRESS. | | | SIZE PIPE 4/2 | "- 10.516. | |
| | | | PKER DEPTH | | |
| UG USED _ | | | TIME FINISHED | | |
| |) Uh" : P. U. | 1 | - | 2110171 | 1701 |
| INIANNO. D | 1940 To 4/2" casing, Break CN | Culqliba With | Pitwalet do y | DOI. GEL MUSH, CI | Iculate Gelan |
| | Hole, Pumped 15 Bbs. Drew | | | | |
| nut down- | vashout Pump Lines - Reloas | e Plug - Dig | obce Plug with | 2274 Bbs. water, | |
| nal Pumping a | 750 BI - Bumped Plug To | 1200 PSI - | Kelegse Pressure | - Float Held- C | bse in worst |
| Good Cem | entretwas w/ 6 Bbl. slurry | | "Thanky | bu" | |
| | | EQUIPMENT | USED | | |
| ME | UNIT NO | | NAME | 1 | UNIT NO. |
| Kelly | Kimberlin #201 Brad Butter HSI REP. | | Jerry 202 Just | WTOS James " | 141+152 |
| | Brad Butter | | witnessed by | Bob | |
| | HSI REP. | | 7 | OWNER'S REP. | |