

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1094849

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: | |
| Address 2: | Feet from North / South Line of Section |
| City: State: Zip:+ | Feet from East / West Line of Section |
| Contact Person: | Footages Calculated from Nearest Outside Section Corner: |
| Phone: () | |
| 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: |
| | Amount of Surface Pipe Set and Cemented at: Fee |
| Gas D&A ENHR SIGW | Multiple Stage Cementing Collar Used? Yes No |
| ☐ OG | 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: | |
| Well Name: | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) |
| Original Comp. Date: Original Total Depth: | |
| Deepening Re-perf. Conv. to ENHR Conv. to SWD | Chloride content: ppm Fluid volume: bbls |
| | Dewatering method used: |
| Plug Back: Plug Back Total Depth | Location of fluid disposal if hauled offsite: |
| Commingled Permit #: | Organization Normal |
| Dual Completion Permit #: | Operator Name: |
| SWD Permit #: | Lease Name: License #: |
| ENHR Permit #: | Quarter Sec TwpS. R East West |
| GSW Permit #: | County: Permit #: |
| | |
| Spud Date or Recompletion Date Date Reached TD Completion Date or 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 II III Approved by: Date: |

| | Side Two | 1094849 |
|-------------------------|-------------|---------|
| Operator Name: | Lease Name: | Well #: |
| Sec TwpS. R East _ West | County: | |
| | | |

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

| Drill Stem Tests Taken (Attach Additional She | eets) | Yes [| No | |] Log ame | Formatior | n (Top), Depth and | d Datum Top | Sample Datum |
|---|----------------------|---------------------------|----------------|----------------------|--------------|------------------|--------------------|-----------------|-------------------------------|
| Samples Sent to Geolog | gical Survey | Yes | No | | anne | | | юр | Datum |
| Cores Taken Electric Log Run Electric Log Submitted B (If no, Submit Copy) | Electronically | Yes | No No No | | | | | | |
| List All E. Logs Run: | | | | | | | | | |
| | | | CASING R | RECORD | New [| Used | | | |
| | | Report all st | trings set-co | onductor, surface, | intermed | diate, productio | on, etc. | | |
| Purpose of String | Size Hole Drilled | Size Casiı Set (In O.I | | Weight Lbs. / Ft. | | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | | | |

ADDITIONAL CEMENTING / SQUEEZE RECORD

| Purpose: Perforate | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
|-----------------------------|---------------------|----------------|--------------|----------------------------|
| Protect Casing Plug Back TD | | | | |
| Plug Off Zone | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | | | | | | | | ement Squeeze Record d of Material Used) | Depth |
|--------------------------------------|---|------------------|---------|-----------------|---------|---------------------|-----------------|------------------------------|---|---------|
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TUBING RECORD: | Si | ze: | Set At: | | Packer | r At: | Liner R | un: | No | |
| Date of First, Resumed | Product | ion, SWD or ENHF | ۲. | Producing M | lethod: | ping | Gas Lift | Other (Explain) | | |
| Estimated Production Per 24 Hours | | Oil Bb | ls. | Gas | Mcf | Wate | er | Bbls. | Gas-Oil Ratio | Gravity |
| | | | | | | | | | 1 | |
| DISPOSITIC | ON OF (| GAS: | | | METHOD | OF COMPLE | TION: | | PRODUCTION INTER | VAL: |
| Vented Sold | | Used on Lease | | Open Hole | Perf. | Dually (Submit A | Comp. ACO-5) | Commingled (Submit ACO-4) | | |
| (If vented, Sub | mit ACC | ν-18. <i>)</i> | | Other (Specify) | | | | | | |

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

| Lease: | Cayot | Personal and a second | |
|-----------------------------------|-----------------------|---|---|
| Owner: | Bobcat Oilfie | eld Services, Inc. | Da |
| OPR #: | 3895 | N A N | Box |
| Contractor: | DALE JACKS | ON PRODUCTION CO. | |
| OPR #: | 4339 | | The second se |
| Surface: 40' of 6" | Cemented: 16 sacks | Hole Size: 12 1/4 | |
| Longstring 731' 2 7/8 8 rnd | Cemented: | Hole Size: 5 5/8 | SI |

Dale Jackson Production Co. Box 266, Mound City, Ks 66056 Cell # 620-363-2683 Office # 913-795-2991

Well #: 21-12 Location: NE-SE-SE-SW S24 T16 R21E County: Miami FSL: 460 457 FEL: 2640 2644 API#: 15-121-29166-00-00 Started: 7/19/12 Completed: 7/2712

TD: 739'

Well Log

SN: 700' Packer: Plugged: Bottom Plug:

| TKN | BTM Depth | Formation | TKN | BTM Depth | Formation |
|-----|--------------|---------------------------------|------|--------------|---|
| 2 | 2 | Top Soil | 19 | 624 | Shale |
| 28 | 28 | Clay | 7 | 631 | Lime |
| 20 | 48 | Lime (Clay Streaks) | 3 | 634 | Oil Sand (Shaley & Limey) (Poor Bleed) |
| 6 | 54 | Black shale | | 647 | Shale |
| 11 | 65 | Lime | 4 | 651 | Lime |
| 9 | 74 | Shale (Limey) | 4 | 655 | Black Shale |
| 25 | 89 | Lime | 23 | 678 | Shale (Limey) |
| 8 | 97 | Shale | 3 | 681 | Lime |
| 1 | 98 | Red Bed | 5 | 686 | Shale |
| 23 | 121 | Shale | 1 | 687 | Lime |
| 13 | 134 | Lime | 12 | 699 | Shale |
| 3 | 137 | Shale | 2 | 701 | Light Sandy Shale (Slight Odor) |
| 5 | 142 | Sand (Dry) | 6.5 | 707.5 | Oil Sand (some Shale) (Fair Bleed) |
| 9 | 151 | Shale | 1 | 708.5 | Lime |
| 14 | 165 | Sand (Dry) (Taking Fluid) | 25.5 | 711 | Sandy shale (Oil Sand Streak) |
| 62 | 227 | Shale | 1 | 712 | Oil Sand (Very Shaley) (Fair Bleed) |
| 20 | 247 | Lime | 5 | 717 | Sandy Shale (Oil Sand Streaks) |
| 5 | 252 | Shale | 8 | 725 | Sandy Shale |
| 11 | 263 | Sand (Dry) | TD | 739 | Shale |
| 15 | 278 | Shale | | | |
| 6 | 284 | Lime | | | |
| 10 | 294 | Shale | | | |
| 9 | 303 | Light Sandy Shale | | < | |
| 10 | 313 | Sand (Dry) | | - | |
| 15 | 328 | Lime | | | |
| 17 | 345 | Shale | | | |
| 5 | 350 | Lime | | | Surface 7-19-12 Set Time 1:30pm Called 11:00am Judy |
| 2 | 352 | Lime (Fractured) (Taking Fluid) | | | Longstring 731' 2 7/8 pipe TD 739' |
| 15 | 367 | Lime | | | Not called in |
| 3 | 370 | Lime (Fractured) (Taking Fluid) | | | |
| 6 | 376 | Shale | | | NO CORE |
| 4 | 380 | Shale (Limey) | | | |
| 21 | 401 | Lime | | | |
| 4 | 405 | Shale | - | | |
| 14 | 419 | Lime | | | |
| 156 | 575 | Shale | | | |
| 1 | 576 | Lime | | | |
| 9 | 585 | Shale | | - | |
| 8 | 593 | Lime | | | |
| | 601 | Shale | | | |
| 4 | | Lime | | | |
| | | | | | |
| 8 | | Shale | | | |

| | ONSOLIDATED | | | | | 7512 |
|--|---|---|---------------------------------------|--------------------|--|--|
| | | | | FOREMAN_C | materia | do |
| O Box 884, Cl | hanute, KS 66720 | FIELD TICKET & TRE | ATMENT REP | | | |
| | or 800-467-8676 | CEME | ENT | | | |
| DATE | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
| 7/24/12 | 1448 Kar | 11+ # 21-12 | SE 24 | 14 | 21 | MI |
| USTOMER | | | | | and the second | statute and the second statute of the second |
| | at Oilfield Ser | inc | TRUCK# | DRIVER | TRUCK # | DRIVER |
| | 5 Coldwoter Ro | 1 | 101 | Castan | ck | |
| UTY SCOOL | STATE | ZIP CODE | 369 | Gar Moo Der Mas | GH | |
| Louisbu | æ KS | 46053 | \$58 | Cat Time | DM CT | |
| OB TYPE 10 | · · · · · · · · · · · · · · · · · · · | | TH 740' | CASING SIZE & W | | 55 |
| ASING DEPTH | | | ···· | CASING SIZE & H | OTHER | |
| LURRY WEIGH | | | al/sk | CEMENT LEFT In | | "tul her al u |
| | | EMENT PSI MIX PSI | | RATE_4.5 6 | SM | |
| EMARKS: | dd sefely meet | | rulation with | ed + puno | | harris |
| of fille | | 71 1 | pumped 75 | | cement a | 1/ 1 |
| -loseal or | | surface thehed o | | annord d | | er plug t |
| asing TD | 1 4.25 bble | trach water, press | 1110 | Della roll | 2010 - 2010 | a pilling t |
| | 0-7 1000 000 | 116 0-0010 /1 | | 012.,10 | aber prins | VIE, SAUL |
| casing | * | | | Λ | .// | |
| | | | | _/ | HU | ····· |
| | | | L. L. Transmith | | p - | |
| | | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · | 10 | 1 | |
| | | | | | | and the second s |
| | | | | | / | |
| ACCOUNT | QUANITY or UNITS | DESCRIPTION | of SERVICES or PR | ODUCT | UNIT PRICE | TOTAL |
| CODE | QUANITY or UNITS | | of SERVICES or PR | ODUCT | UNIT PRICE | |
| CODE | | PUMP CHARGE | of SERVICES or PR | ODUCT | UNIT PRICE | тотаL 1030,∞ 80,∞ |
| code 5401 5406 | 1 20 mi | PUMP CHARGE MILEAGE | | ODUCT | | 1030,00 80.00 |
| CODE 5401 5406 5402 | 1 20 mi 731' | PUMP CHARGE MILEAGE | 16-P | ODUCT | | 1030,00 80.00 |
| CODE 5401 540Co 540Z 540Z | 1 20 mi 731' | PUMP CHARGE MILEAGE | 16-P | ODUCT | | 1030,00 |
| code 5401 5406 | 1 20 mi | PUMP CHARGE MILEAGE | 16-P | ODUCT | | 1030,00 80.00 |
| code 5401 540Co 540Z 540Z | 1 20 mi 731' | PUMP CHARGE MILEAGE | 16-P | ODUCT | | 1030.00 80.00 350.00 135.00 |
| CODE 5401 5406 5402 5407 5502C | 1 20 mi 731' Minimum 1.5 hrs | PUMP CHARGE MILEAGE Casing tool ton mileag 80 Uac | nge e | | | 1030,00 80.00 135.00 1410,00 |
| CODE 5401 5406 5402 5407 5502C | 1 20 mi 731' ninimum 1.5 hrs 75 stes | PUMP CHARGE MILEAGE Casing tool ton mileag 80 Uac | nge e | | | 1030,00 80,00 135,00 135,00 1410,00 21,00 |
| CODE 5401 5406 5407 5502C 1126 1183 | 1 20 mi 731' Minimum 1.5 hrs | PUMP CHARGE MILEAGE Casing tool ton mileag 80 Uac | nge e | ODUCT | | 1030,00 80,00 135,00 135,00 1410,00 21,00 |
| CODE 5401 5406 5402 5407 5502C 1126 1126 11183 4402 | 1 20 mi 731' 1.5 hrs 75 stes 100 # | PUMP CHARGE MILEAGE Cosing foot ton mileag 80 Vac OWC cane Premium Gel D's " cyber | nge e | ODUCT | | 1030,00 80,00 135.00 135.00 1410,00 21,00 28,00 |
| CODE 5401 5406 5407 5502C 1126 11183 | 1 20 mi 731' ninimum 1.5 hrs 75 stes | PUMP CHARGE MILEAGE | nge e | ODUCT | | 1030.00 80.00 135.00 135.00 1410.00 21.00 |
| CODE 5401 5406 5402 5407 5502C 1126 1126 11183 4402 | 1 20 mi 731' nimimum 1.5 hrs 75 stes 100 # 1 19 # | PUMP CHARGE MILEAGE Cosing foot ton mileag 80 Vac OWC cane Premium Gel D's " cyber | nge e | ODUCT | | 1030,00 80,00 135.00 135.00 1410,00 21,00 28,00 |
| CODE 5401 5406 5402 5407 5502C 1126 11183 4402 | 1 20 mi 731' 1.5 hrs 75 stes 100 # | PUMP CHARGE MILEAGE Cosing foot ton mileag 80 Vac OWC cane Premium Gel D's " cyber | nge e | ODUCT | | 1030,00 80,00 135,00 135,00 135,00 1410,00 21,00 28,00 414.65 |
| CODE 5401 5406 5402 5407 5502C 1126 11183 4402 | 1 20 mi 731' ninimum 1.5 hrs 75 stes 100 # 1 19 # | PUMP CHARGE MILEAGE Cosing foot ton mileag 80 Vac OWC cane Premium Gel D's " cyber | nge e | ODUCT | | 1030,00 80,00 135.00 135.00 1410,00 21,00 28,00 |
| CODE 5401 5406 5402 5407 5502C 1126 1126 1118B 4402 | 1 20 mi 731' ninimum 1.5 hrs 75 stes 100 # 1 19 # | PUMP CHARGE MILEAGE Cosing foot ton mileag 80 Vac OWC cane Premium Gel D's " cyber | nge e | | | 1030,00 80,00 135,00 135,00 135,00 1410,00 21,00 28,00 44.65 |
| CODE 5401 5406 5402 5407 5502C 1126 11183 4402 | 1 20 mi 731' ninimum 1.5 hrs 75 stes 100 # 1 19 # | PUMP CHARGE MILEAGE Cosing foot ton mileag 80 Vac OWC cane Premium Gel D's " cyber | nge e | ODUCT | | 1030,00 80,00 135,00 135,00 135,00 1410,00 21,00 28,00 44.65 |
| CODE 5401 5406 5402 5407 5502C 1126 11183 4402 | 1 20 mi 731' ninimum 1.5 hrs 75 stes 100 # 1 19 # | PUMP CHARGE MILEAGE Cosing foot ton mileag 80 Vac OWC cane Premium Gel D's " cyber | nge e | | | 1030,00 80,00 135,00 135,00 135,00 1410,00 21,00 28,00 44.65 |
| CODE 5401 5406 5402 5407 5502C 1126 1126 1118B 4402 | 1 20 mi 731' ninimum 1.5 hrs 75 stes 100 # 1 19 # | PUMP CHARGE MILEAGE Cosing foot ton mileag 80 Vac OWC cane Premium Gel D's " cyber | nge e | | SALES TAX | 1030,00 80,00 135.00 135.00 21,00 21,00 28.00 414.65 |
| CODE 5401 5406 5402 5407 5502C 1126 11183 4402 | 1 20 mi 731' ninimum 1.5 hrs 75 stes 100 # 1 19 # | PUMP CHARGE MILEAGE Cosing foot ton mileag 80 Vac OWC cane Premium Gel D's " cyber | nge e | ODUCT | | 1030,00 80,00 135,00 135,00 135,00 1410,00 21,00 28,00 44.65 |

acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form. 251536

| Jul. | 17. 2012 | 3:27 | MOL | Lumber 913-795-2194 P.O. BOX 66 IND CITY, KS 66056 2210 FAX {913} 795-2194 | | Customer (INVOIC ALL CORRESPO | CE |
|---------------------------|--|-----------------|--|---|--|--------------------------------------|------------------------------|
| | Page: 1 | | | | Invoice: | 0042290 | ק |
| | Special Instructions Sale rep #: | : : MAVEF | TY MIKE | Acct rep | | Date: 07/17/12 | |
| | C/ 30 | 0 BOB 805 CO | OILFIELD SRV EBERHART LDWATER RD RG, KS 66053 | (913) 837-2823 | BCAT OILFIELD SRVC,IN | | |
| | Customer #: | | | Customer PO: | Örder By: | | - |
| | | | | | | popimg01 | 5TH T 27 |
| DRDER | SHIP L | | ITEM# | DESCRIPTION | Alt Price/Uom | PRICE | EXTENSION |
| 245.00 280.00 14.00 | 245.00 L 280.00 L 14.00 L | BAG | CPPC CPPM CPQP | PORTLAND CEMENT POST SET FLY ASH 75# QUIKRETE PALLETS | 8.8900 bag 5.7900 bag 17.0000 fa | 8.8900 5.7900 17.0000 | 2178.05 1621.20 238.00 |
| | | | | Cayot atri O X R Dir | izzliz jzzliz Del ect Del | werz | |
| | | | | 913 | 837 415 | 9 | |
| | ia, | | FILLED BY | CHECKED BY DATE SHIPPED DRIVE | R | Sales total | \$4037.2 |
| | And get | E. | SHIP VIA | | Freight 100.0 Taxable 4137.2 | -Misc + Frgi | 100.0 |
| | | | x | RECEIVED COMPLETE AND IN GOOD CONDITION | Taxable 4137.2 Non-taxable 0.0 Tax # | Sales tax | 312.3 |
| | | | | | | TOTAL | \$4449.6 |