

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1049253

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 - 15-107-24240-00-00  |
|--|--|
| Name: Bobcat Oilfield Services, Inc.                                 | Spot Description:  |
| Address 1: 30805 COLD WATER RD                                       | SW_SW_SW_SE_Sec. 5 Twp. 20 S. R. 23 V East West                              |
| Address 2:   | Feet from □ North / 🗹 South Line of Section                                  |
| City: LOUISBURG State: KS Zip: 66053 + 8108                          | 2,507 Feet from ✓ East / ☐ West Line of Section                              |
| Contact Person: Bob Eberhart   | Footages Calculated from Nearest Outside Section Corner:                     |
| Phone: ( 913 ) 285-0873  | □ NE □ NW ☑ SE □ SW  |
| CONTRACTOR: License #_4339   | County: Linn   |
| Name: Jackson, Dale E & Sue Ellen dba Dale E. Jackson Production Co. | Lease Name: H-1 Well #:  |
| Wellsite Geologist: N/A  | Field Name: LaCygne-Cadmus   |
| Purchaser: High Sierra Crude Oil                                     | Producing Formation: Peru  |
| Designate Type of Completion:  | Elevation: Ground: 921 Kelly Bushing: 0                                      |
| ✓ New Well Re-Entry Workover   | Total Depth: 330 Plug Back Total Depth:                                      |
| ☑ Oil Wsw Swd Slow   | Amount of Surface Pipe Set and Cemented at: 20 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: 0 w/ 50 sx cmt  |
| If Workover/Re-entry: Old Well Info as follows:                      | ox one   |
| Operator:  | Bellin Strid Management Bloom  |
| 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 method 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 #:  | Quarter Sec TwpS. R  |
| ■ ENHR         Permit #:   | ,  |
| GSW Permit #:  | County: Permit #:  |
| 12/17/2010 12/20/2010 1/4/2011                                       |  |
| Spud Date or Date Reached TD Completion Date or                      |  |

## **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 I II Approved by: Deanna Garrison Date: 01/14/2011 |  |

Side Two



| Operator Name: Bob  | cat Oilfield Servi                             | ces, Inc.  | Lease Na                                | ame: _                | Harvey                |   | Well #: <del>H-</del> | 1                                     |               |
|---|--|--|---|-----------------------|-----------------------|---|-----------------------|---------------------------------------|---------------|
| Sec. 5 Twp. 20  | s. R. <u>23</u>                                | ✓ East  West   | County: _                               | Linn                  |                       |   |                       |                                       |               |
| time tool open and clos   | sed, flowing and shu<br>s if gas to surface te | d base of formations pen<br>t-in pressures, whether s<br>st, along with final chart(s<br>well site report. | hut-in pressu                           | ire read              | ched static level,    | hydrostatic pressu                              | ires, bottom h        | ole tempe                             | rature, fluid |
| Drill Stem Tests Taken<br>(Attach Additional S                                    | heets)   | ☐ Yes 📝 No   |   | <b></b> ✓Lo           |                       | n (Top), Depth and                              |                       | _                                     | ample         |
| Samples Sent to Geolo   | ogical Survey                                  | Yes No   |   | Nam<br>Peru           | e                     | 2   | Top<br>259            | D:<br>GL                              | atum          |
| Cores Taken<br>Electric Log Run<br>Electric Log Submitted<br>(If no, Submit Copy) |  | ✓ Yes □ No ✓ Yes □ No ✓ Yes □ No   |   |                       |                       |   |                       |                                       |               |
| List All E. Logs Run:   |  |  |   |                       |                       |   |                       |                                       |               |
| Gamma Ray/Neutron/C   | CL   |  |   |                       |                       |   |                       |                                       |               |
|   |  | CASING   | RECORD                                  | ☐ Ne                  | w <b>√</b> Used       |   |                       |                                       |               |
|   | Size Hole                                      | Report all strings set-o   | conductor, surfa                        |                       | ermediate, production | on, etc. Type of                                | # Sacks               | Type ar                               | nd Percent    |
| Purpose of String   | Drilled  | Set (In O.D.)  | Lbs. / F                                |                       | Depth                 | Cement  | Used                  |                                       | ditives       |
| Surface casing  | 8.75   | 6.25   | 8                                       |                       | 20                    | Portland  | 5                     |                                       |               |
| Production casing   | 5.625  | 2.875  | 6                                       |                       | 320                   | Portland/Fly Ash                                | 50                    | 60/40 Poz Mix                         |               |
|   |  |  |   |                       |                       |   |                       |                                       |               |
|   |  | ADDITIONAL   | CEMENTING                               | G / SQL               | JEEZE RECORD          |   |                       |                                       | <del> </del>  |
| Purpose:  —— Perforate  | Depth<br>Top Bottom                            | Type of Cement   | # Sacks Used Type and Percent Additives |                       |                       |   |                       |                                       |               |
| Protect Casing Plug Back TD   | -  |  |   |                       |                       |   |                       |                                       |               |
| Plug Off Zone   | -  |  |   |                       |                       |   |                       |                                       |               |
| Shots Per Foot  |  | ON RECORD - Bridge Plug<br>Footage of Each Interval Per  |   |                       |                       | cture, Shot, Cement S<br>nount and Kind of Mate |                       | đ                                     | Depth         |
| 3   | 264-270, 270-280                               | ), 282-292   |   | Acid 500 gal 7.5% HCL |                       |   |                       |                                       |               |
| :   |  |  |   |                       |                       |   |                       |                                       |               |
|   | ,  |  |   |                       |                       |   |                       |                                       |               |
|   |  |  | 2.                                      |                       |                       |   |                       |                                       |               |
|   |  |  |   |                       |                       |   |                       |                                       |               |
| TUBING RECORD:  | Size:  | Set At:  | Packer At:                              |                       | Liner Run:            | Yes No  |                       |                                       |               |
| Date of First, Resumed F  | Production, SWD or EN                          | HR. Producing Meth   | nod:                                    |                       | Gas Lift 0            | ther (Explain)                                  |                       |                                       |               |
| Estimated Production<br>Per 24 Hours  | Oil  | Bbls. Gas  | Mcf                                     | Wate                  | er Bt                 | ols. G  | as-Oil Ratio          |                                       | Gravity       |
| DISPOSITIO  | ON OF GAS:                                     |  | METHOD OF C                             | OMPLE                 | ETION:                |   | PRODUCTION            | ON INTERV                             | AL:           |
| Vented Sold   | Used on Lease                                  |  | Perf.                                   | Dually                | Comp. Com             | nmingled  |                       | · · · · · · · · · · · · · · · · · · · |               |
| (If vented, Sub-  | mit ACO-18.)                                   | Other (Specify)  | · · · · · · · · · · · · · · · · · · ·   | Submit /              | (SUDN                 | nit ACO-4)                                      |                       |                                       |               |

|                         |                      | 4.4                 |     | 44 4 44         |                |          | The state of the s |
|-------------------------|----------------------|---------------------|-----|-----------------|----------------|----------|--|
| Lease:                  | HARVEY               |                     | 1   |                 |                | ٥Г١      | Well #: H-1  |
| Owner:                  | BOBCAT OILFIE        | LD SERVICES, INC.   | 7   |                 | . Os           | 10       | location:  |
| OPR#:                   | 3895                 | / Description       | Dal | e Jackson Prod  | uction Co. 🔘 🔎 |          | SW,SW,SW,SE,S:5,T:20,SR:23,E   |
| Contractor:             | DALE JACKSON         | PRODUCTION CO.      | Box | 266, Mound Cit  | y, Ks 66056    |          | County: LINN   |
| OPR#:                   | 4339                 |                     | ,†  | Cell # 620-363  | -2683          | نساد.    | SL: 163  |
| Surface:<br>20FT, 6IN   | Cemented:<br>5 SACKS | Hole Sizes          |     | Office # 913-79 | 5-2991         | 1        | FEL: <del>2,475</del> 0507<br>API#: 15-107-24240-00-00   |
| Longstring<br>320 2 7/8 | Cemented:<br>50      | Hole Size:<br>5 5/8 |     |                 |                | $\vdash$ | Started: 12-17-10<br>Completed: 12-20-10   |
| 8RD                     | <u></u>              |                     | SN: | 257'            | Packer:        |          | TD: 330  |
| Well Log                |                      |                     |     | ged:            | Bottom Plug:   |          | 1  |

| TKN | BTM .<br>Depth | Formation                                      | TKN | BTM<br>Depth | Formation                      |
|-----|----------------|--|-----|--------------|--------------------------------|
| 1   | 1              | TOPSOIL  |     |              |                                |
| 9   | 10             | UME  | 1.  |              |                                |
| 4   | 14             | SHALE  |     | l            |                                |
| 4   | 18             | BLACKSHALE                                     | T   | -            |                                |
| 23  | 41             | UME  |     |              | SURFACE: 12-17-10 - BECKY      |
| 4   | 45             | BLACKSHALE                                     |     |              | SET TIME: 4:30 P.M.            |
| 13  | 58             | UME  |     |              | CALLED: 1:45 P.M.              |
| 1   | 59             | BLACKSHALE                                     |     |              | CALLED. 1.43 P.IVI.            |
| 13  | 72             | SANDY SHALE                                    |     |              | LONGSTRING, 22012 7/8 TD 2201  |
| 30  | 102            | SHALE  |     |              | LONGSTRING: 320' 2 7/8 TD 330' |
| 13  | 115            | SANDY SHALE (DRY SAND STK)                     |     |              | SET TIME: 1:00 P.M.            |
| 96  | 211            | SHALE  |     |              | CALLED: 11:15 A.M.             |
| 1   | 212            | BLACKSHALE                                     |     |              | 12-20-10- JUDY                 |
| 6   | 218            | SHALE  |     |              |                                |
| 7   | 225            | LIME (SANDY)                                   |     |              |                                |
| 24  | 249            | SHALE  |     |              |                                |
| 7   | 256            | LIME   |     |              | •                              |
| 2.5 | 258.5          | SHALE (LIMEY)                                  |     |              |                                |
| 1   | 259.5          | OIL SAND (VERY SHALEY)( FAIR BLEED)            |     |              |                                |
| 1.5 | 261            | OIL SAND (OIL & WATER) (GOOD BLEED)            |     |              |                                |
| 2.5 | 263.5          | OIL SAND (SHALEY) (POOR BLEED) (SOME WATER)    |     |              |                                |
| 2.5 | 266            | OIL SAND (GOOD BLEED) (A LITTLE SHOW OF WATER) |     |              |                                |
| 14  | 280            | OIL SAND (HEAVY BLEED)                         |     |              |                                |
| 2   | 282            | OIL SAND (SHALEY) ( GOOD BLEED)                |     |              |                                |
| 2.5 | 284.5          | OIL SAND (HEAVY BLEED)                         |     |              |                                |
| 6.5 | 291            | OIL SAND (VERY SHALEY) (FAIR BLEED)            |     |              |                                |
| 1   | 292            | OIL SAND (GOOD BLEED)                          |     |              |                                |
| 3   | 295            | SHALE (OIL SAND STK)                           |     |              |                                |
| 10  | 305            | SHALE  |     |              |                                |
| 3   | 308            | COAL   |     |              |                                |
| 10  | 318            | SHALE  |     |              |                                |
| 7   | 325            | LIME   |     |              |                                |
| TD  | 330            | SHALE  |     |              |                                |
|     |                |  |     |              |                                |
|     |                |  |     |              |                                |
|     |                |  |     |              |                                |
|     |                |  |     |              |                                |
|     |                |  |     |              |                                |
|     |                |  |     |              |                                |
|     |                |  |     |              |                                |
|     |                |  |     |              |                                |
|     |                |  |     |              |                                |
|     |                |  | 1   |              |                                |

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| Lease :     | HARVEY                         |
|-------------|--------------------------------|
| Owner:      | BOBCAT OILFIELD SERVICES, INC. |
| OPR#:       | 3895                           |
| Contractor: | DALE JACKSON PRODUCTION CO.    |
|             |                                |

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

## Core Run #1

| Well #: H-1                            |
|--|
| Location: SW,SW,SW,SE,S:5,T:20,SR:23,E |
| County: LINN                           |
| FSL: <del>165</del> 162                |
| FEL: 2,475 2507                        |
| API#: 15-107-24240-00-00               |
| Started: 12-17-10                      |
| Completed: 12-20-10                    |

| VI II II. | 4555  |       |      |  |       |
|-----------|-------|-------|------|--|-------|
| FT        | Depth | Clock | Time | Formation/Remarks                              | Depth |
| 0         | 259.5 |       |      |  |       |
| 1         | 260.5 |       | 1    | OIL SAND (OIL & WATER) (GOOD BLEED)            |       |
| 1         | 200.3 |       | 1    | •  | 261 · |
| 2         | 261.5 |       | 11.5 |  | 261   |
|           |       |       |      | OIL SAND (SHALEY) (POOR BLEED) ( SOME WATER)   |       |
| 3         | 262.5 |       | 1.5  | OLISAND (STACE) (FOOR BEECD) (SOME WATER)      |       |
| 4         | 263.5 |       | 1    |  | 263.5 |
|           |       |       |      |  |       |
| 5         | 264.5 |       | 1    | OIL SAND (GOOD BLEED) (A LITTLE SHOW OF WATER) |       |
| 6         | 265.5 |       | 1    |  | ,     |
|           |       |       |      |  | 266   |
| 7         | 266.5 |       | 1    | OIL SAND (HEAVY BLEED)                         |       |
| .8        | 267.5 |       | 1    |  |       |
|           |       |       |      |  |       |
| 9         | 268.5 |       | 1    |  |       |
| 10        | 269.5 |       | 1.5  |  |       |
| 11        | 270 5 |       | 1    | ·  |       |
| 11        | 270.5 |       | 1    |  |       |
| 12        | 271.5 |       | 1    |  |       |
| 13        | 272.5 |       | 1.5  |  |       |
| 13        | 272.3 |       | 1.3  |  |       |
| 14        | 273.5 |       | 1    |  |       |
| 15        | 274.5 |       | 1    |  |       |
|           |       |       |      |  |       |
| 16        | 275.5 |       | 1.5  | ,  |       |
| 17        | 276.5 |       | 1.5  | •  |       |
|           | 222.5 |       |      |  |       |
| 18        | 277.5 |       | 1.5  |  |       |
| 19        | 278.5 |       | 1    |  |       |
| 20        | 279.5 |       | 1.5  | •  |       |
| 20        | 2/3.5 |       | 1.3  |  |       |
|           |       |       |      |  |       |
|           | 1     |       |      |  | 1     |

\$3851.83

TOTAL

## **Avery Lumber**

P.O. BOX 66 MOUND CITY, KS 66056 (913) 795-2210 FAX (913) 795-2194 Merchant Copy
INVOICE
THIS COPY MUST REMAIN AT
MERCHANT AT ALL TIMES!

Invoice: 10026836 Page: 1 15:22:42 12/10/10 instructions Ship Date: Involce Date: 12/15/10 Sale rep # MAVERY MIKE Dua Date: 01/05/11 SOLD TO: BOBCAT OILFIELD SRVC,INC Ship To: BOBCAT OILFIELD SRVC,INC C/O BOB EBERHART (915) 637-2823 **80805 COLDWATER RD** LOUISBURG, KS 66053 (913) 837-2823 Ouetomer #: \$570021 Order By: Customer PO:

PRICE EXTENSION ORDER U/M DESCRIPTION Alt Price/Uom SHIP ITEM# 245.00 245.00 L BAG 1957.65 CPPC 7.9900 BAG 7.9900 PORTLAND CEMENT 280.00 280.00 L BAG CPPM POST SET FLY ASH 75# 5.1000 BAG 5.1000 1428.00 14.00 14.00 EA CPQP 17.0000 238.00 QUIKRETE PALLETS 17.0000 EA DIRECT SHIPMENT 12.13.10 ORDERED BY TERRY FILLED BY CHECKED BY DATE SHIPPED \$3823.55 Sales total SHIP VIA LINN COUNTY RECEIVED COMPLETE AND IN GOOD CONDITION 3623.55 Taxable Non-texable 0.00 228.28 Sales tax X

1 - Merchant Copy

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