

Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

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 # 385 | 95 | | API No. 15 |
|-------------------------------|---------------------|--------------------------------------|--|
| Name: Bobcat Oilfield S | | | Spot Description: |
| Address 1: 30805 COLD WA | ATER RD | | SW_NW_NE_NW_Sec24_Twp16_S. R21_ FEast West |
| Address 2: | | | 4911 Feet from North / South Line of Section |
| City: LOUISBURG | State: KS Zip | 66053 + 8108 | 3687 Feet from ▼ East / West Line of Section |
| Contact Person: Bob Eberh | | | Footages Calculated from Nearest Outside Section Corner: |
| Phone: (913) 285-087 | | | □ NE □ NW ☑ SE □ SW |
| CONTRACTOR: License # _4 | 339 | <u> </u> | County: Miami |
| | | . Jackson Production Co. | Lease Name: Schendel Well #: 2-12 |
| Wellsite Geologist: N/A | | | Field Name; Paola-Rantoul |
| Purchaser: Coffeyville Reso | urces Refining & M | larketing | Producing Formation: Squirrel |
| Designate Type of Completion | | <u> </u> | Elevation: Ground: 1025 Kelly Bushing: 0 |
| | | Workover | Total Depth: 720 Plug Back Total Depth: |
| □ oil □ wsw | ∏ SWD | □ slow | Amount of Surface Pipe Set and Cemented at: 20 Fee |
| ☐ Gas ☐ D&A | ☑ SWD | ☐ sigw | Multiple Stage Cementing Collar Used? ☐ Yes No |
| □ og | GSW | Temp. Abd. | If yes, show depth set:Fee: |
| CM (Coal Bed Methane) | | | If Alternate II completion, cement circulated from: |
| Cathodic Other | Core, Expl., etc.): | | feet depth to: 715 w/ 95 sx cml |
| If Workover/Re-entry: Old Wel | I Info as follows: | | ox dopin to |
| Operator: | | | Balling Flicial Management Blow |
| Well Name: | | | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) |
| Original Comp. Date: | Original To | tal Depth: | Chloride content: ppm Fluid volume: bbls |
| ☐ Deepening ☐ Re- | perf. Conv. to | ENHR Conv. to SWD | Dewatering method used: |
| | Conv. to | | |
| Plug Back: | Pluç | Back Total Depth | Location of fluid disposal if hauled offsite: |
| Commingled | Permit #: | | Operator Name: |
| Dual Completion | Permit #: | | Lease Name: License #; |
| SWD | Permit #: | | |
| ☐ ENHR | Permit #: | | QuarterSecTwpS. R |
| ☐ GSW | Permit #: | | County: Permit #: |
| 5/10/2012 5/15 | 5/2012 | 6/28/2012 | |
| Spud Date or 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 I II Approved by: Dearns Gertiso Date: 07/03/2012 |

Side Two



1083328

| Operator Name: Bob | cat Oilfield Servi | ces, Inc. | Lease Na | ame: _ | Schendel | | Well #:2-1 | 2 | |
|--|---|---|-----------------|----------------|---------------------------|---------------------------------------|--------------------|-------------|----------------|
| Sec. 24 Twp. 16 | s. R. <u>21</u> | ✓ East West | County: _ | Mian | ni | | | | |
| time tool open and clos | sed, flowing and shu is if gas to surface te | d base of formations pen it-in pressures, whether s est, along with final chart(well site report. | hut-in pressu | ге геа | ched static level. | hydrostatic pressi | ures, bottom h | nole temp | erature, fluid |
| Drill Stem Tests Taken (Attach Additional S | | Yes No | | VL | og Formation | ı (Top), Depth and | i Datum | | Sample |
| Samples Sent to Geole | ogical Survey | Yes 🗹 No | | Nam Squirre | | Í | Top Datu 681 GL | | Datum L |
| Cores Taken | | ✓ Yes □ No | | | | | | | |
| Electric Log Run Electric Log Submitted (If no, Submit Copy) | • | ✓ Yes No ✓ Yes No | | | | | | | |
| List All E. Logs Run: | | | | | | | | | |
| Gamma Ray/Neutro | n/CCL | | | | | | | | |
| | | | RECORD | ☐ Ne | _ | | • | | |
| Purpose of String | Size Hole | Report all strings set- | conductor, surf | | Setting | on, etc. Type of | # Sacks | Type | and Percent |
| - | Drilled | Set (In O.D.) | Lbs./F | t. | Depth | Cement | Used | | Additives |
| Surface casing | 8.75 | 6.25 | 8 | | 20 | Portland | 5 | None | |
| Production casing | 5.625 | 2.875 | 6 | | 715 | Portland/Fly Ash 90 60/40 | | 60/40 | Poz Mix |
| L | | | 05115115 | | | | <u> </u> | <u> </u> | |
| Purpose: | Depth | Type of Cement | # Sacks U | | JEEZE RECORD | Type and P | ercent Additives | | |
| Perforate Protect Casing | Top Bottom | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | | | |
| Plug Back TD Plug Off Zone | - | | | | | · · · · · · · · · · · · · · · · · · · | | | |
| | • | | <u> </u> | | | <u> </u> | | | |
| Shots Per Foot | | ON RECORD - Bridge Plug Footage of Each Interval Per | | | | ture, Shot, Cement | | ď | Depth |
| 4 | 688-692 | | | | Acid 250 gal 7.5% HCL 715 | | | 715 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| TUBING RECORD: | Size: | Set At: | Packer At: | | Liner Run: | Yes No | | | |
| Date of First, Resumed | Production, SWD or EN | IHR. Producing Met | hod: | | Gas Lift 🔲 O | ther (Explain) | | | |
| Estimated Production Per 24 Hours | Oil | Bbls. Gas | Mcf | Wat | er Bì | ols. C | as-Oil Ratio | | Gravity |
| | | | | | | | 0000000 | | |
| DISPOSITIO | | | METHOD OF C | _ | | ımingled | PRODUCTION | אנאTER | VAL: |
| (If vented, Sub | _ | Other (Specify) | | (Submit | | nit ACO-4) | | | |

| Lease: | Schendel | |
|----------------------------------|-----------------------|---------------------|
| Owner: | Bobcat Oilfie | eld Services, Inc. |
| OPR#: | 3895 | V A |
| Contractor: | DALE JACKS | ои Реористри сод |
| OPR#: | 4339 | h |
| Surface: 20'6" | Cemented: 5 | Hole Size: 8 3/4 |
| Longstring 715' 2 7/8 8 Rd | Cemented: 90 Sacks | Hole Size: 5 5/8 |

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

| Well #: 2-12 | |
|---------------------------------------|---|
| Location: SW-NW-NE-NW S24 T16 R21E | |
| County: Miami | _ |
| FSL: 4868 4911 | _ |
| FEL: 3668 3687 | |
| API#: 15-121-29083-00-00 | |
| Started: 5-10-12 | |
| Completed: 5-15-12 | _ |

| SN: None | Packer: | TD: 720' |
|----------|--------------|----------|
| Plugged: | Bottom Plug: | - |

Well Log

| TKN | STM Depth | Formation | TKN | BTM Depth | Formation |
|-----|--------------|---------------|-----|--------------|--|
| 2 | 2 | Top Soil | 9 | 572 | Lime |
| 5 | 7 | Clay | 28 | 600 | Shale (Limey) |
| 16 | 23 | Lime | 5 | 605 | Lime |
| 4 | 27 | Black Shale | 2 | 607 | Sandy shale (Oil Sand Streak) (Poor Bleed) |
| 14 | 41 | Lime | 16 | 623 | Shale |
| 2 | 43 | Shale | 5 | 628 | Lime |
| 2 | 45 | Sand (Dry) | 2 | 630 | Coal |
| 5 | 50 | Shale (Sandy) | 21 | 651 | Shale (Limey) |
| 18 | 68 | Lime | 5 | 656 | Lime |
| 5 | 73 | Shale | 7 | 663 | Shale |
| 1 | 74 | Red Bed | 1 | 664 | Coal |
| 21 | 95 | Shale | 9 | 673 | Shale (Limey) |
| 19 | 114 | Lime | 2 | 675 | Lime |
| 88 | 202 | Sandy Shale | 3 | 678 | Shale |
| 2 | 204 | Lime | 2 | 680 | Light shale |
| 1 | 205 | Shale | 1 | 681 | Oil Sand (Shaley) (Water & Some Oil) (Poor Bleed) |
| 18 | 223 | Lime . | 1 | 682 | Oil Sand (Some Shale) (Water Some Oil) (Poor Bleed) |
| 8 | 231 | Shale | 5.5 | 687.5 | Oil Sand "Water" (Very little Oil) |
| 9 | 240 | Sand (Dry) | 2 | 689.5 | Oil Sand (Water & Oil) (Fair Bleed) |
| 11 | 251 | Shale | 1.5 | 691 | Sandy Shale (Some Oil Sand Streaks) |
| 1 | 252 | Red Bed | 1 | 692 | Oil Sand (Good Bleed) (Some Water) |
| 4 | 256 | Shale | 5 | 697 | Sandy Shale (Some Oil Sand Streaks) (Poor Bleed) |
| 8 | 264 | Lime | 3 | 700 | Sandy Shale |
| 3 | 267 | Shale (Limey) | TD | 720 | Shale |
| 2 | 269 | Dark Shale | | | |
| 11 | 280 | Shale | | | |
| 11 | 291 | Sand (Dry) | | | |
| 3 | 294 | Shale | | | |
| 6 | 300 | Lime | | | Surface 5-10-12 Set Time 1:30pm Calle 10:15am Russel |
| 6 | 306 | Shale | | | LongString 715' 2 7/8 8 rd TD 720' |
| 1 | 307 | time | | | Called 10:00am Becky |
| 16 | 323 | Shale | | | |
| 25 | 348 | Lime | | | |
| 1 | 349 | Black Shale | | | |
| 11 | 360 | Shale (Limey) | | | |
| 19 | 379 | Lime | | | |
| 3 | 382 | Black shale | | | |
| 14 | 396 | Lime | | | |
| 156 | 552 | Shale | | | |
| 1 | 553 | Lime | | <u> </u> | |
| 10 | 563 | Shale | 1 - | - | |



Dale Jackson Production Co.

Box 266, Mound City, Ks 66056

Cell # 620-363-2683

Office # 913-795-2991

| Lease : | Schendel |
|-------------|--------------------------------|
| Owner: | Bobcat Oilfield Services, Inc. |
| OPR#: | 3895 |
| Contractor: | DALE JACKSON PRODUCTION CO. |
| OPR#: | 4339 |

| tice # 913-795-2991 | County: Miami |
|---------------------|--------------------------|
| | FSL:-4860 4911 |
| | FL: 3668-3687 |
| ore Run #1 | API#: 15-121-29083-00-00 |
| ore mail <u>hi</u> | Started: 5-10-12 |
| | |

Well #: 2-12

Location: SW-NW-NE-NW 524 T16 R21E

| FT | Depth | Clock | Time | Formation/Remarks | Depth |
|-----|--|-------|--|---|-------|
| 0 | 682 | 0:00 | 0 | Oil Sand "Water" (Very Little Oil) | 687.5 |
| | | | ļ. <u></u> | | |
| 1 | 683 | 1:30 | 1.5 | | |
| 2 | 584 | 4:30 | 3 | | |
| | 1 | | | | |
| 3 | 685 | 7:30 | 3 | | |
| 4 | 686 | 9:30 | 2 | | |
| • | 080 | 3.30 | - | | |
| 5 | 687 | 11:30 | 2 | | |
| | <u> </u> | | | | |
| 6 | 688 | 14:00 | 2.5 | Oil sand (Water & Oil) Fair Bleed | 689.5 |
| 7 | 689 | 17:00 | 3 | | |
| | 1 003 | 17.00 | - | | |
| 8 | 690 | 20:00 | 3 | Sandy Shale (Some Oil sand Streaks) Poor Bleed | 691 |
| | | | | | |
| 9 | 691 | 23:30 | 3.5 | Oil Sand (Good Bleed (Some Water) | 692 |
| 10 | 692 | 25:30 | 2 | Ou Sans (Good Breed (Some Water) | 692 |
| | | | - | Sandy Shale (Some Oil Sand Streaks) (Poor Bleed | 697 |
| 11 | 693 | 30:00 | 4.5 | | |
| | | | <u> </u> | | |
| 12 | 694 | 33:00 | 3 | - | |
| 13 | 695 | 37:30 | 4.5 | 1 | |
| | 1 | | 1 | | j |
| 14 | 696 | 41:30 | 4 | | |
| | 507 | 45.00 | | | |
| 15 | 697 | 45:00 | 3.5 | Sandy Shake | |
| 16 | 698 | 49:30 | 4.5 | Amin's work | |
| | † | Ī | | | |
| 17 | 699 | 53:30 | 4 | | İ |
| | <u> </u> | ļ | | - | |
| 18 | | ļ——— | - | · · | |
| 19 | 1 | | | 1 | |
| | 1 | | | | |
| 20 | | | | | |
| | | | | 1 | |
| | | - | | 1 | |
| l . | I | | 1 | | 1 |

No. 0887 P. 1

Merchant Copy INVOICE

THIS COPY MUST REMAIN AT MERCHANT AT ALL TIMES!

\$4535.17

TOTAL

Invoice: 10040320 Page: 1 13:55:27 Special 04/25/12 instructions Ship Date: Invoice Date: 04/27/12 Due Date: 06/05/12 Sate rep #: MAVERY MIKE Acct res coda: Sold To: BOBCAT OILFIELD SRVC,INC Ship To: BOBCAT OILFIELD SRVC,INC C/O BOB EBERHART (913) 837-2823 30805 COLDWATER RD LOUISBURG, KS 68053 (913) 837-2823 Customer #: 3570021 Customer PO: Order By:

PRICE EXTENSION ORDER SHIP L UM ITEM# DESCRIPTION Alt Price/Uom 280.00 L BAG 8.8900 mag 8.8900 2489.20 CPPC PORTLAND CEMENT 280.00 1389.60 240.00 240.00 L BAG CPPM POST SET FLY ASH 75# 5.7900 BAG 5.7900 CPQP QUIKRETE PALLETS 17.0000 A 17.0000 238.00 14.00 L EA 14.00 Schender 2-12 Direct Deurca 913-837-4159 FALED BY CHECKED BY DATE SHIPPED \$4116.80 Sales total 100.00 Freight MIAMI COUNTY Misc + Frgt 100.00 RECEIVED COMPLETE AND IN GOOD CONDITION 4216.80 Taxabie 0.00 Sales tax Non-taxable 318.37 Tax#

1 - Merchant Copy