

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 3895  
Name: Bobcat Oilfield Services, Inc.  
Address: 30805 Cold Water Rd.  
City/State/Zip: Louisburg, KS. 66053  
Purchaser: Pacer  
Operator Contact Person: Bob Eberhart  
Phone: (913) 837-2823  
Contractor: Name: Jackson Production Co.  
License: 4339

Wellsite Geologist: \_\_\_\_\_  
Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SIOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to Enhr./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_  
8/14/08    8/15/08    11/18/08  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-107-23950-00-00  
County: Linn  
SE NE SW NE Sec. 8 Twp. 20 S. R. 23  East  West  
3590 feet from (S) / N (circle one) Line of Section  
1395 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Synder Well #: R-21N  
Field Name: Cadmus LaCygne

Producing Formation: Mississippian  
Elevation: Ground: 916' Kelly Bushing: Do not drill deep enough  
Total Depth: 321' Plug Back Total Depth: 20'  
Amount of Surface Pipe Set and Cemented at 20' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 20'  
feet depth to surface w/ 5 Alt 2 - Dlg - 7/22/09 <sup>5x cm.</sup>

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content 1500-3000 ppm Fluid volume 80 bbls  
Dewatering method used on lease  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Joni Duszell  
Title: Agent Date: 2-12-09  
Subscribed and sworn to before me this 12 day of February,  
20 09.  
Notary Public: J. Helms  
Date Commission Expires: 5-21-2011

**JESSICA M. HELMS**  
Notary Public - State of Kansas  
My Appt. Exp. 5-21-2011

HB 4 HD2 CR - SB  
**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
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**Side Two**

Operator Name: Bobcat Oilfield Services, Inc. Lease Name: Synder Well #: R-21N  
 Sec. 8 Twp. 20 S. R. 23  East  West County: Linn

**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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

|  |  |
|--|--|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><i>(Attach Additional Sheets)</i><br><br>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(Submit Copy)</i><br><br>List All E. Logs Run:<br><br><b>Gamma Ray/Neutron/CCL</b> | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br>Name Top Datum |
|--|--|

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used  |                   |                           |                   |               |                |              |                            |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. |                   |                           |                   |               |                |              |                            |
| Purpose of String   | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| Surface   | 9                 | 8 3/4"                    |                   | 20            | Portland       | 5            |                            |
| Completion  | 5 5/8"            | 2 7/8"                    |                   | 301'          | Portland       | 47           | 50/50 POZ                  |
|   |                   |                           |                   |               |                |              |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD  |                  |                |             |                            |
|--|------------------|----------------|-------------|----------------------------|
| Purpose:   | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate<br><input type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><input type="checkbox"/> Plug Off Zone |                  |                |             |                            |
|  |                  |                |             |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br><i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
| 2              | 272.0-287.0 32 Perfs  |  |       |
|                |   |  |       |
|                |   |  |       |
|                |   |  |       |

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| TUBING RECORD | Size | Set At | Packer At | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No |
|---------------|------|--------|-----------|--|
|               |      |        |           |  |

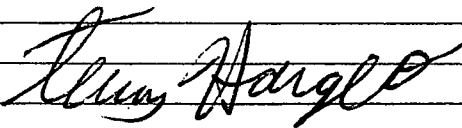
|  |   |
|--|---|
| Date of First, Resumerd Production, SWD or Enhr. | Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |
|--|---|

|                                   |           |         |             |               |         |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled \_\_\_\_\_

Production Interval  Other (Specify) \_\_\_\_\_

|  |             |            |                   |                                     |          |           |          |
|--|-------------|------------|-------------------|-------------------------------------|----------|-----------|----------|
| CUSTOMER'S ORDER NO.   |             | DEPARTMENT |                   | DATE                                |          |           |          |
|  |             |            |                   | 7-28-08                             |          |           |          |
| NAME<br>Bob Cat o/c  |             |            |                   |                                     |          |           |          |
| ADDRESS  |             |            |                   |                                     |          |           |          |
| CITY, STATE, ZIP   |             |            |                   |                                     |          |           |          |
| SOLD BY  |             | CASH       | C.O.D.            | CHARGE                              | ON ACCT. | MDSE RETD | PAID OUT |
|  |             |            |                   | <input checked="" type="checkbox"/> |          |           |          |
| QUANTITY   | DESCRIPTION |            |                   | PRICE                               | AMOUNT   |           |          |
| 1  | 60          | bags       | TOZMAN 2 pallets  | 9.30                                | 558      | -         |          |
| 2  |             |            |                   |                                     |          |           |          |
| 3  | 80          | bags       | Fly Ash 2 pallets | 6.25                                | 500      | -         |          |
| 4  |             |            |                   |                                     |          |           |          |
| 5  |             |            |                   |                                     |          |           |          |
| 6  |             |            |                   |                                     | 1058     | -         |          |
| 7  |             |            |                   |                                     | 66       | 65        |          |
| 8  |             |            |                   |                                     |          |           |          |
| 9  |             |            |                   |                                     |          |           |          |
| 10   |             |            |                   |                                     | 1124     | 65        |          |
| 11   |             |            | 4 pallets out     |                                     | 56       | -         |          |
| 12   |             |            |                   |                                     |          |           |          |
| 13   |             |            |                   |                                     |          |           |          |
| 14   |             |            |                   |                                     | 1180     | 65        |          |
| 15   |             |            |                   |                                     |          |           |          |
| 16   |             |            |                   |                                     |          |           |          |
| 17   |             |            |                   |                                     |          |           |          |
| 18   |             |            |                   |                                     |          |           |          |
| 19   |             |            |                   |                                     |          |           |          |
| 20   |             |            |                   |                                     |          |           |          |
| RECEIVED BY  |             |            |                   |                                     |          |           |          |
|  |             |            |                   |                                     |          |           |          |

adems  
5805

KEEP THIS SLIP FOR REFERENCE

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lease - Snyder  
 owner - Bobcat Oilfield Service Inc  
 Contractor - Dale Jackson  
 Production Co.  
 OPR-4339

20; 6" surface 8 3/4" Hole  
 Cemented 5 Sacks  
 Seating nipple 270'  
 301; 2 7/8 STD pipe  
 Cemented 47 Sacks  
 30 gal squeeze 2.3 Sacks  
 5 9/16" Hole  
 TD 321'

well # ~~S-20 North~~  
 started 8-14-08  
 completed 8-15-08  
 R-21 North

|       |         |  |
|-------|---------|--|
| 3     | 3       | Top soil   |
| 13    | 16      | lime   |
| 4     | 20      | shale  |
| 2     | 22      | Black Shale  |
| 1     | 23      | shale  |
| 19    | 42      | lime   |
| 5     | 47      | shale  |
| 1     | 48      | Black Shale  |
| 13    | 61      | lime   |
| 1     | 62      | shale  |
| 1     | 63      | Black Shale  |
| 158   | 221     | Shale  |
| 9     | 230     | shale limey  |
| 20    | 250     | shale  |
| 9     | 259     | lime   |
| 2     | 261     | shale  |
| 2     | 263     | light shale sandy (Some Oil Heavy Flow water on casing Band) |
| 8     | 271     | light sandy shale (slight odor)                              |
| 1     | 272     | <u>Oil Sand Shaley</u>                                       |
| 1     | 273     | Oil Sand (Good Bleed)  |
| 1     | 274     | Oil Sand Shaley (Good Bleed)                                 |
| 6     | 280     | Oil Sand (Good Bleed)  |
| 1 1/2 | 281 1/2 | Oil sand (Shaley Good Bleed)                                 |
| 1 1/2 | 283     | Oil sand (Good Bleed) <u>Some Shale</u>                      |
| 2     | 285     | Shale Oil sand str. (Poor Bleed)                             |
| 3     | 288     | <u>Oil Sand Good Bleed</u> <u>Some Shale</u> 3' perforate    |
| 8     | 296     | Shale Oil sand str. (Poor Bleed)                             |
| 14    | 310     | Shale  |
| 3     | 313     | Coal   |
| 4     | 317     | shale  |
| TD    | 321     | lime   |

11' perforate

272-282  
 282-287

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