

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1063486

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

### WELL COMPLETION FORM

|      |         | DECODURTION                     |           |         |
|------|---------|---------------------------------|-----------|---------|
| WELL | HISTORY | <ul> <li>DESCRIPTIOI</li> </ul> | N OF WELL | & LEASE |

| OPERATOR: License #  | API No. 15   |
|--|--|
| Name:  | Spot Description:  |
| Address 1:   |  |
| Address 2:   | Feet from Dorth / 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:  |
| Oil       WSW       SWD       SIOW         Gas       D&A       ENHR       SIGW         OG       GSW       Temp. Abd.         CM (Coal Bed Methane)       Cathodic       Other (Core, Expl., etc.):         If Workover/Re-entry:       Old Well Info as follows:         Operator: | Amount of Surface Pipe Set and Cemented at:       Feed         Multiple Stage Cementing Collar Used?       Yes         If yes, show depth set:       Feet         If Alternate II completion, cement circulated from:       Feet         feet depth to:       w/         Sx cmt       Sx cmt         Drilling Fluid Management Plan       (Data must be collected from the Reserve Pit)         Chloride content:       ppm         Fluid volume:       bbls         Dewatering method used: |
| Plug Back: Plug Back Total Depth Comminged Parmit #:   | Location of fluid disposal if hauled offsite:  |
| Commingled         Permit #:           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<br>Recompletion Date         Date Reached TD         Completion Date or<br>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    | 1063486 |
|-----------------------|-------------|---------|
| 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<br>(Attach Additional Sheets)  |                      | Yes No                                 |                       | Log Fo           | ormation (Top), Depth ar | n (Top), Depth and Datum<br>Top |                               |
|---|----------------------|--|-----------------------|------------------|--------------------------|---------------------------------|-------------------------------|
| Samples Sent to Geologic  | cal Survey           | Yes No                                 |                       | Name             |                          | юр                              | Datum                         |
| Cores Taken<br>Electric Log Run<br>Electric Log Submitted Electronically<br><i>(If no, Submit Copy)</i> |                      | ☐ Yes ☐ No<br>☐ Yes ☐ No<br>☐ Yes ☐ No | )                     |                  |                          |                                 |                               |
| List All E. Logs Run:   |                      |  |                       |                  |                          |                                 |                               |
|   |                      | CAS                                    |                       | New U            | sed                      |                                 |                               |
|   |                      | Report all strings                     | set-conductor, surfac | e, intermediate, | production, etc.         |                                 |                               |
| Purpose of String   | Size Hole<br>Drilled | Size Casing<br>Set (In O.D.)           | Weight<br>Lbs. / Ft.  | Sett<br>Dep      |                          | # Sacks<br>Used                 | Type and Percent<br>Additives |
|   |                      |  |                       |                  |                          |                                 |                               |

#### ADDITIONAL CEMENTING / SQUEEZE RECORD

| Purpose:<br>—— 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                                | Foot PERFORATION RECORD -<br>Specify Footage of Each |     |                                  |             |         |                         |                              | Acid, Fracture, Shot, Co<br>(Amount and Kind | Depth   |  |
|---|--|-----|----------------------------------|-------------|---------|-------------------------|------------------------------|--|---------|--|
|   |  |     |                                  |             |         |                         |                              |  |         |  |
|   |  |     |                                  |             |         |                         |                              |  |         |  |
|   |  |     |                                  |             |         |                         |                              |  |         |  |
|   |  |     |                                  |             |         |                         |                              |  |         |  |
|   |  |     |                                  |             |         |                         |                              |  |         |  |
| TUBING RECORD: Size:                          |  |     | Set At:                          |             | Packer  | r At:                   | Liner R                      | un:  | No      |  |
| Date of First, Resumed Production, SWD or ENH |  |     | ₹.                               | Producing N | 1ethod: | ping                    | Gas Lift                     | Other (Explain)                              |         |  |
| Estimated Production Oil Bb<br>Per 24 Hours   |  | ls. | Gas                              | Mcf         | Wate    | ər                      | Bbls.                        | Gas-Oil Ratio                                | Gravity |  |
|   |  |     |                                  |             |         |                         |                              |  |         |  |
| DISPOSITION OF GAS:                           |  |     | METHOD OF COMPLE                 |             |         | TION:                   |                              | PRODUCTION INT                               | ERVAL:  |  |
| Vented Sold Used on Lease                     |  |     | Open Hole Perf. Dually (Submit A |             |         | Comp.<br>AC <i>O-5)</i> | Commingled<br>(Submit ACO-4) |  |         |  |
| (If vented, Submit ACO-18.)                   |  |     | Other (Specify)                  |             |         |                         |                              |  |         |  |

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

| Form      | ACO1 - Well Completion      |
|-----------|-----------------------------|
| Operator  | Mull Drilling Company, Inc. |
| Well Name | Jeb 1-6                     |
| Doc ID    | 1063486                     |

All Electric Logs Run

| CDL/CNL |
|---------|
| DIL     |
| Micro   |
| Sonic   |

| Form      | ACO1 - Well Completion      |
|-----------|-----------------------------|
| Operator  | Mull Drilling Company, Inc. |
| Well Name | Jeb 1-6                     |
| Doc ID    | 1063486                     |

Tops

| Name           | Тор  | Datum  |
|----------------|------|--------|
| Anhydrite      | 1821 | + 661  |
| B/Anhydrite    | 1853 | + 629  |
| Heebner Shale  | 3882 | - 1400 |
| Lansing        | 3923 | - 1446 |
| Stark Shale    | 4158 | - 1676 |
| B/KC           | 4215 | - 1733 |
| Pawnee         | 4328 | - 1846 |
| Ft. Scott      | 4418 | - 1936 |
| Cherokee Shale | 4458 | - 1976 |
| Mississippian  | 4502 | - 2020 |

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner Sam Brownback, Governor

September 16, 2011

Mark Shreve Mull Drilling Company, Inc. 1700 N WATERFRONT PKWY BLDG 1200 WICHITA, KS 67206

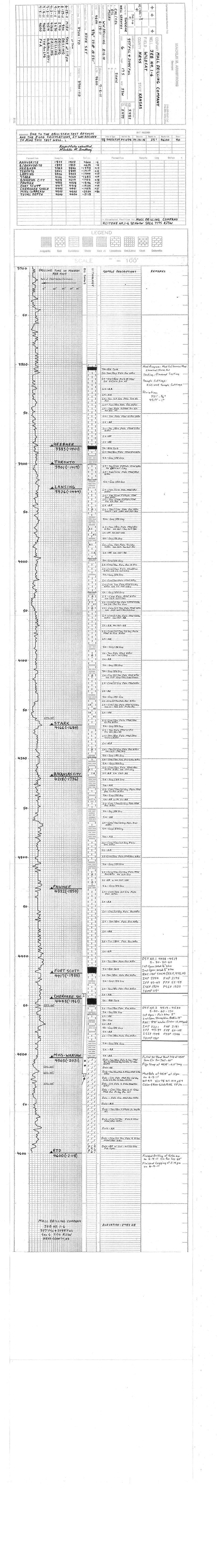
Re: ACO1 API 15-135-25263-00-00 Jeb 1-6 SW/4 Sec.06-17S-23W Ness County, Kansas

**Dear Production Department:** 

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, Mark Shreve



# **GENERAL INFORMATION**

| <b>Client Infor</b>                                  | mation:              |            |         |              |            |  |  |
|--|----------------------|------------|---------|--------------|------------|--|--|
| Company:   | MULL DRILLING CO INC |            |         |              |            |  |  |
| Contact:   | ERNIE MORRISON       |            |         |              |            |  |  |
| Phone:   | Fa                   | ax:        | e-mail: |              |            |  |  |
| Site Informa   | <u>ition:</u>        |            |         |              |            |  |  |
| Contact:   | MAC ARMSTR           | ONG        |         |              |            |  |  |
| Phone:   | Fa                   | ax:        | e-mail: |              |            |  |  |
| Well Information                                     | ation:               |            |         |              |            |  |  |
| Name:  | JEB 1-6              |            |         |              |            |  |  |
| Operator:  | MULL DRILLIN         | G CO INC   |         |              |            |  |  |
| Location-Dov   | wnhole:              |            |         |              |            |  |  |
| Location-Sur   | face: S6/17S/        | 23W        |         |              |            |  |  |
| Test Inform  | ation:               |            |         |              |            |  |  |
| Company:   | DIAMO                | ND TESTING |         |              |            |  |  |
| Representat  | ive: JOHN F          | RIEDL      |         |              |            |  |  |
| Supervisor:  | MAC A                | RMSTRONG   |         |              |            |  |  |
| Test Type:   | CONVE                | INTIONAL   |         | Job Number:  | D990       |  |  |
| Test Unit:   |                      |            |         |              |            |  |  |
| Start Date: 2011/07/03                               |                      |            |         | Start Time:  | 05:30:00   |  |  |
| End Date: 2011/07/03                                 |                      |            |         | End Time:    | 11:00:00   |  |  |
| Report Date  | 201                  | 1/07/03    |         | Prepared By: | JOHN RIEDL |  |  |
| Remarks:         Qualified By:         MAC ARMSTRONG |                      |            |         |              |            |  |  |
| RECOVERY: 140' SLIGHTLY OIL CUT MUD                  |                      |            |         |              |            |  |  |



## DIAMOND TESTING

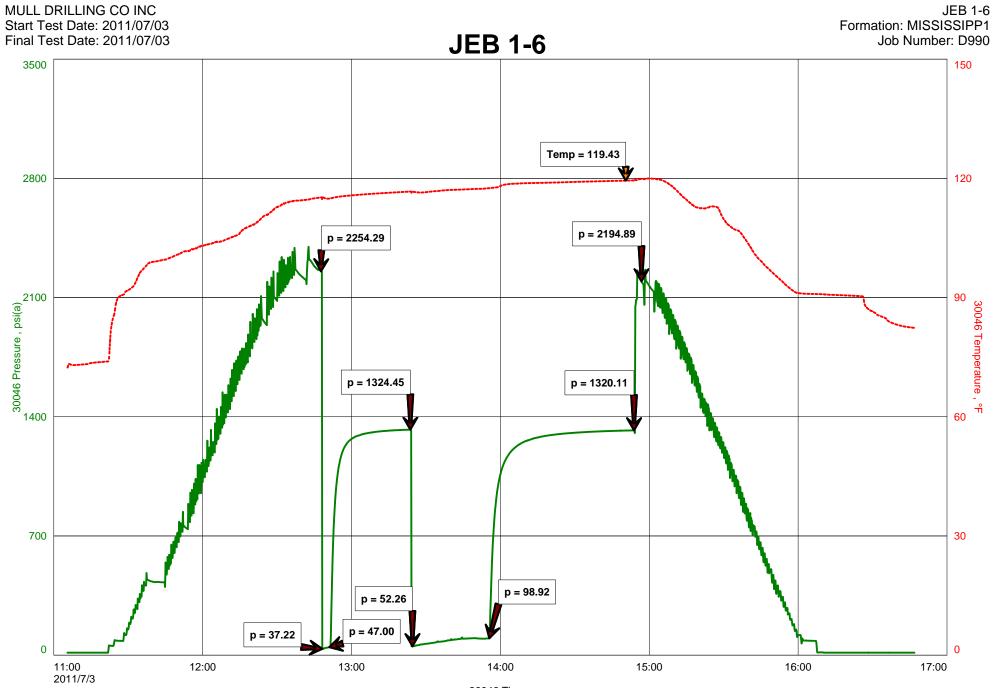
P.O. Box 157 HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

#### **DRILL-STEM TEST TICKET**

| Company                                      | Lease & Well No                  |                                   |
|--|----------------------------------|-----------------------------------|
| Contractor                                   | Charge to                        |                                   |
| Elevation Formation                          | Effective Pay                    | Ft. Ticket No                     |
| DateS RangeS RangeS                          | W County                         | State                             |
| Test Approved By                             | Diamond Representative           | JOHN C. RIEDL                     |
| Formation Test No Interval Tested from       | ft. toft. To                     | otal Depthft.                     |
| Packer Depthft. Size in.                     | Packer Depth                     | ft. Size in.                      |
| Packer Depthft. Size in.                     | Packer Depth                     | ft. Size in.                      |
| Depth of Selective Zone Set                  |                                  |                                   |
| Top Recorder Depth (Inside)ft.               | Recorder Number                  | P.S.I.                            |
| Bottom Recorder Depth (Outside)ft.           | Recorder Number                  | CapP.S.I.                         |
| Below Straddle Recorder Depthft.             | Recorder Number                  | CapP.S.I.                         |
| Mud Type Viscosity                           | Drill Collar Length              | ft. 1.D. <u>2 1/4</u> in          |
| Weight Water Loss                            | c. Weight Pipe Length            | ft. I.D. <u>27/8</u> in.          |
| ChloridesP.P.M.                              | Drill Pipe Length                | ft. I.D. <u>3 1/2</u> in.         |
| Jars: Make BOWEN Serial Number               | Test Tool Lengtht                | ft. Tool Size <u>3 1/2-IF</u> in. |
| Did Well Flow?Reversed Out                   | Anchor Length                    | ft. Size <u>4 1/2-FH</u> in.      |
| Main Hole Size 7 7/8 Tool Joint Size 4 1/2 i | n. Surface Choke Size <u>1</u> i | n. Bottom Choke Size 5/8 in.      |
| Blow: 1st Open:                              |                                  |                                   |
| 2nd Open:                                    |                                  |                                   |
| Recoveredft. of                              |                                  | Price Job                         |
| Recoveredft. of                              |                                  | Other Charges                     |
| Remarks:                                     |                                  | Insurance                         |
|  |                                  |                                   |
| A.M.   | A.M.                             | Total                             |
| Time Set Packer(s) P.M. Time Started         |                                  | timum Temperature                 |
| Initial Hydrostatic Pressure                 | (A)P.S.I.                        |                                   |
| Initial Flow Period Minutes                  | (B)P.S.I. to (                   | C)P.S.I.                          |
| Initial Closed In Period Minutes             |                                  |                                   |
| Final Flow Period Minutes                    | P.S.I. to (                      | F)P.S.I.                          |
| Final Closed In Period Minutes               | (G)P.S.I.                        |                                   |
| Final Hydrostatic Pressure                   | (H)P.S.1.                        |                                   |

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



30046 Time

# **GENERAL INFORMATION**

| <b>Client Infor</b> | mation:       |              |      |              |               |
|---------------------|---------------|--------------|------|--------------|---------------|
| Company:            | MULL DRIL     | LING CO INC  |      |              |               |
| Contact:            | ERNIE MOR     | RRISON       |      |              |               |
| Phone:              |               | Fax:         | e-ma | il:          |               |
| <u>Site Informa</u> | <u>ition:</u> |              |      |              |               |
| Contact:            | MAC ARMS      | TRONG        |      |              |               |
| Phone:              |               | Fax:         | e-ma | il:          |               |
| Well Information    | ation:        |              |      |              |               |
| Name:               | JEB 1-6       |              |      |              |               |
| Operator:           | MULL DRIL     | LING CO INC  |      |              |               |
| Location-Dov        | wnhole:       |              |      |              |               |
| Location-Sur        | face: S6/1    | 7S/23W       |      |              |               |
| Test Inform         | ation:        |              |      |              |               |
| Company:            | DIA           | MOND TESTING |      |              |               |
| Representat         | ive: JOH      | IN RIEDL     |      |              |               |
| Supervisor:         | MAG           | CARMSTRONG   |      |              |               |
| Test Type:          | COI           | VENTIONAL    |      | Job Number   | : D991        |
| Test Unit:          |               |              |      |              |               |
| Start Date:         | 2             | 2011/07/03   |      | Start Time:  | 17:00:00      |
| End Date:           | 2             | 2011/07/04   |      | End Time:    | 00:50:00      |
| Report Date         | : 2           | 2011/07/04   |      | Prepared By  | : JOHN RIEDL  |
| <u>Remarks:</u>     |               |              |      | Qualified By | MAC ARMSTRONG |
| RECOVERY            | ': 870' WATE  | R            |      |              |               |



#### DIAMOND TESTING P.O. Box 157

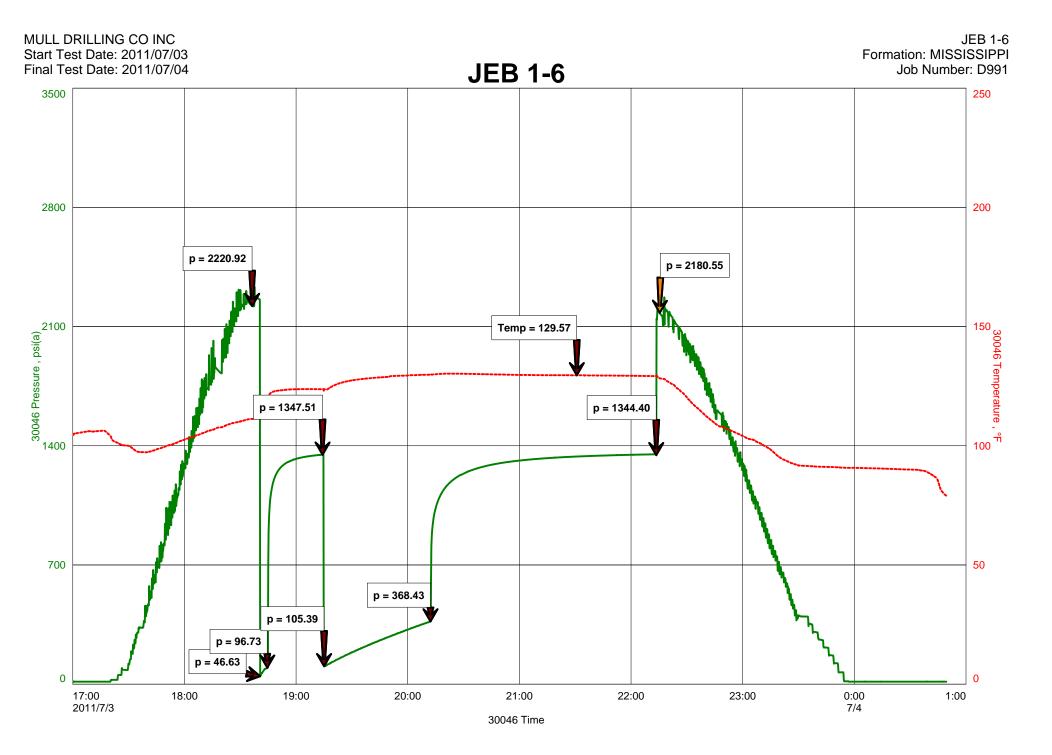
HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

#### DRILL-STEM TEST TICKET

| Company                                       | Lease & Well No        |                                    |
|---|------------------------|------------------------------------|
| Contractor                                    | Charge to              |                                    |
| Elevation Formation                           | Effective Pay          | Ft. Ticket No                      |
| DateSecTwpS Range                             | W County               | State                              |
| Test Approved By                              | Diamond Representative | JOHN C. RIEDL                      |
| Formation Test No Interval Tested from        | ft. toft.              | Total Depthft.                     |
| Packer Depthft. Size in.                      | Packer Depth           | _ft. Size in.                      |
| Packer Depthft. Size in.                      | Packer Depth           | ft. Size in.                       |
| Depth of Selective Zone Set                   |                        |                                    |
| Top Recorder Depth (Inside)ft.                | Recorder Number        | CapP.S.I.                          |
| Bottom Recorder Depth (Outside)ft.            | Recorder Number        | CapP.S.I.                          |
| Below Straddle Recorder Depthft.              | Recorder Number        | CapP.S.I.                          |
| Mud Type Viscosity                            | Drill Collar Length    | ft. 1.D. <u>2 1/4</u> in           |
| Weight Water Lossc                            | c. Weight Pipe Length  | ft, I.D. <u>2 7/8</u> in.          |
| ChloridesP.P.M.                               | Drill Pipe Length      | _ft. I.D. <u>3 1/2</u> in          |
| Jars: Make BOWEN Seria! Number                | Test Tool Length       | _ft. Tool Size <u>3 1/2-IF</u> in. |
| Did Well Flow?Reversed Out                    | Anchor Length          | _ft. Size <u>4 1/2-FH</u> in       |
| Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in | 1. Surface Choke Size1 | _in. Bottom Choke Size_5/8_in      |
| Blow: 1st Open:                               |                        |                                    |
| 2nd Open:                                     |                        |                                    |
| Recoveredft. of                               | ··                     |                                    |
| Recoveredft. of                               |                        |                                    |
| Recoveredft. of                               |                        |                                    |
| Recoveredft. of                               |                        | Price Job                          |
| Recoveredft. of                               |                        | Other Charges                      |
| Remarks:                                      |                        | Insurance                          |
|   |                        |                                    |
| A.M.  | A.M.                   | Total                              |
| Time Set Packer(s)P.M. Time Started           | Off BottomP.M. M       | aximum Temperature                 |
| Initial Hydrostatic Pressure                  |                        |                                    |
| Initial Flow Period Minutes                   |                        | (C)P.S.I.                          |
| Initial Closed In Period Minutes              |                        |                                    |
| Final Flow Period Minutes                     |                        | (F)P.S.I.                          |
| Final Closed In Period Minutes                |                        |                                    |
| Final Hydrostatic Pressure                    | (H)P.S.1.              |                                    |

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



| C | CONSOLIDATED<br>OIL Whill Burnhown, LLC |
|---|---|
|---|---|

| TICKET NUMB | ER | <u>30714</u> |  |
|-------------|----|--------------|--|
|             |    | lev Ks       |  |

FOREMAN Walt Dinko

## FIELD TICKET & TREATMENT REPORT

|             | or 800-467-8676 |              |            |                 | SECTION      | TOWNSHIP        | RANGE     | COUNTY        |
|-------------|-----------------|--------------|------------|-----------------|--------------|-----------------|-----------|---------------|
| DATE        | CUSTOMER#       |              |            |                 |              | 105             | na W      | ness          |
| 4-28-11     | 5659            | Jeb          | <u> </u>   |                 |              |                 |           |               |
| USTOMER     |                 |              |            | 4+283           | TRUCK #      | DRIVER          | TRUCK#    | DRIVER        |
| <u></u>     | Dela Ge         | y that       |            | Jet             |              |                 |           |               |
| AILING ADDR | ESS -           | •            |            | 35              | 463          | Josh G          |           |               |
|             |                 |              |            | 1 . 1           | 439          | Cory Do         | ¥15 —     | <b> </b>      |
| ITY         |                 | STATE        | ZIP CODE   | <i>'/4 U</i>    |              |                 |           | <u> </u>      |
|             |                 |              |            |                 |              |                 |           | <u> </u>      |
|             |                 | HOLE SIZE_   | 12/11      | HOLE DEPTH      | 231'         | CABING SIZE & V | VEIGHT 85 | <u>k-20</u> # |
| OB TYPE 5   |                 |              |            |                 |              |                 | OTHER     |               |
| ASING DEPTI |                 | -            |            |                 |              | CEMEN'T LEFT In | CASING 15 | - 20'         |
| LURRY WEIG  | нт <u>15.2</u>  |              | L          | , WATER galls   | k            |                 |           |               |
|             | н <u> </u>      | DISPLACEM    | ENT PSI    | MIX PSI         |              | RATE            | · · ·     |               |
| EMARKS:     | Satati          | meatin       | - Ria      | up an h         | 1-12 #10     |                 | <b>_</b>  |               |
|             |                 | o Circo      | <b>.</b> . |                 |              |                 |           |               |
|             | Kig UP T        |              |            | 8/ 10 - 74      | 11-1         |                 |           |               |
|             | Mixed           | 165 54       |            | the come of the |              | ho fin          |           |               |
|             | Displac         | <u>ad 13</u> | _15137     | 2001            | 1 <u>8 "</u> | MAT HU          |           |               |
|             |                 |              |            |                 |              |                 |           |               |
|             |                 |              | · /2       | ent Did         | 0.00         |                 |           |               |
|             |                 |              | Cauly      |                 |              |                 |           |               |

|              |                  | Thank                              | Thank You<br>(Je It + Crow) |                                       |  |  |  |  |
|--------------|------------------|------------------------------------|-----------------------------|---------------------------------------|--|--|--|--|
| ACCOUNT      | QUANITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE                  | TOTAL                                 |  |  |  |  |
| 5401         |                  | PUMP CHARGE                        | 1,02500                     | 1,025-00                              |  |  |  |  |
| 5406         | 20               | MILEAGE                            | 500                         | 10000                                 |  |  |  |  |
| 11045        | 16.5             | Class A Comont                     | 16 50                       | 2,772                                 |  |  |  |  |
| 1102         | 465#             | Class A Comont<br>Calcium Chlorido |                             | 390                                   |  |  |  |  |
| 11183        | 310#             | Bertanite                          | 124                         | 7440                                  |  |  |  |  |
| 5407         | 7.76             | Ton milage Delivery                | 158                         | 41000                                 |  |  |  |  |
|              |                  |                                    |                             | <u> </u>                              |  |  |  |  |
|              |                  |                                    | _                           | ·                                     |  |  |  |  |
|              |                  |                                    |                             |                                       |  |  |  |  |
|              |                  |                                    |                             |                                       |  |  |  |  |
|              |                  |                                    |                             |                                       |  |  |  |  |
|              |                  |                                    |                             |                                       |  |  |  |  |
| <del> </del> |                  |                                    |                             | · · · · · · · · · · · · · · · · · · · |  |  |  |  |
|              |                  | 74 3 390                           |                             |                                       |  |  |  |  |
|              |                  | arout                              |                             |                                       |  |  |  |  |
|              |                  |                                    |                             | 4,772                                 |  |  |  |  |
|              |                  | Loss 15% Disc                      | ;                           | 715                                   |  |  |  |  |
|              |                  |                                    |                             | 4.056                                 |  |  |  |  |
|              |                  | 6.3                                | SALES TAX                   | -173.3                                |  |  |  |  |
| Vin 5737     |                  | <u> </u>                           | ESTIMATED<br>TOTAL          | 4229                                  |  |  |  |  |
|              | Unally           |                                    | DATE C                      | 8-2011                                |  |  |  |  |

I 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.