



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1233485  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- 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: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

|                                   |                 |   |
|-----------------------------------|-----------------|---|
| Spud Date or<br>Recompletion Date | Date Reached TD | Completion Date or<br>Recompletion Date |
|-----------------------------------|-----------------|---|

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx)      (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

*(Data must be collected from the Reserve Pit)*

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

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

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1233485

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken  Yes  No  
(Attach Additional Sheets)  
Samples Sent to Geological Survey  Yes  No  
Cores Taken  Yes  No  
Electric Log Run  Yes  No

Log Formation (Top), Depth and Datum  Sample  
Name Top Datum

List All E. Logs Run:

| 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 |
|   |                   |                           |                   |               |                |              |                            |
|   |                   |                           |                   |               |                |              |                            |
|   |                   |                           |                   |               |                |              |                            |

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

Did you perform a hydraulic fracturing treatment on this well?  Yes  No (If No, skip questions 2 and 3)  
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No (If No, skip question 3)  
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No (If No, fill out Page Three of the ACO-1)

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

TUBING RECORD: Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

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

| DISPOSITION OF GAS:   | METHOD OF COMPLETION:  | PRODUCTION INTERVAL: |
|---|--|----------------------|
| <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br>(If vented, Submit ACO-18.) | <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br>(Submit ACO-5) <input type="checkbox"/> Other (Specify) _____ | _____<br>_____       |

|           |                            |
|-----------|----------------------------|
| Form      | ACO1 - Well Completion     |
| Operator  | Mustang Energy Corporation |
| Well Name | Dechant Brothers 1         |
| Doc ID    | 1233485                    |

Tops

| Name        | Top  | Datum |
|-------------|------|-------|
| Anhydrite   | 1517 | +740  |
| Base        | 1551 | +706  |
| Heebner     | 3764 | -1507 |
| Lansing     | 3813 | -1556 |
| BKC         | 4131 | -1872 |
| FT Scott    | 4318 | -2061 |
| Cherokee    | 4343 | -2086 |
| Mississippi | 4460 | -2203 |



# **Geological Report**

**Mustang Energy Corporation**

**Dechant Brothers #1**

**1540' FSL & 1695' FEL**

**Sec. 2 T20s R22w**

**Ness County, Kansas**



**Mustang Energy Corporation**

## General Data

Well Data: Mustang Energy Corporation  
Dechant Brothers #1  
1540' FSL & 1695' FEL  
Sec. 2 T20s R22w  
Ness County, Kansas  
API # 15-135-25807-0000

Drilling Contractor: Discovery Drilling Co., Inc. Rig #3

Geologist: Jason T Alm

Spud Date: August 20, 2014

Completion Date: August 27, 2014

Elevation: 2249' Ground Level  
2257' Kelly Bushing

Directions: Bazine KS, South 8 mi. to 50 Rd. West 1 ½ mi.  
North into location.

Casing: 221' 8 5/8" surface casing  
4510' 5 1/2" production casing

Samples: 10' wet and dry, 3950' to RTD

Drilling Time: 3600' to RTD

Electric Logs: Nabors "Ian Mabb"  
CNL/CDL, DIL, MEL, BHCS

Drillstem Tests: One, Trilobite Testing, Inc. "Brett Dickinson"

Problems: None

Remarks: None

## Formation Tops

| <b>Formation</b> | <b>Mustang Energy Corporation<br/>Dechant Brothers #1<br/>Sec. 2 T20s R22w<br/>1540' FSL &amp; 1695' FEL</b> |
|------------------|--|
| Anhydrite        | 1517', +740  |
| Base             | 1551', +706  |
| Heebner          | 3764', -1507   |
| Lansing          | 3813', -1556   |
| BKc              | 4131', -1872   |
| Pawnee           | 4238', -1981   |
| Fort Scott       | 4318', -2061   |
| Cherokee         | 4343', -2086   |
| Basil Cher. Sand | 4390', -2133   |
| Mississippian    | 4460', -2203   |
| LTD              | 4511', -2254   |
| RTD              | 4510', -2253   |

## Sample Zone Descriptions

### **Fort Scott**

**(4318', -2061): Not Tested**

Ls – Fine to sub-crystalline with scattered poor inter-crystalline and vuggy porosity, light to fair spotted oil stain in porosity, no show of free oil, no odor, fair yellow spotted fluorescents.

### **Basil Cher. Sand**

**(4390', -2133): Covered in DST #2**

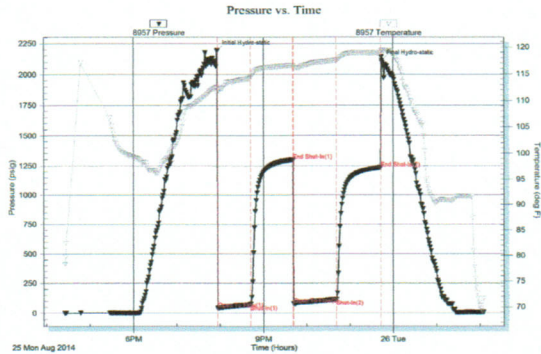
Ss – Quartz, fine to coarse grained, poor to fair sorted, sub-rounded, poor to well cemented with poor to good inter-granular porosity, light to fair golden oil stain in clusters, fair to good odor, fair to bright yellow fluorescents.

**Drill Stem Tests**  
Trilobite Testing, Inc.  
"Brett Dickinson"

**DST #1 Basil Cherokee Sand**

Interval (4341' – 4416') Anchor Length 75'

|     |                        |          |
|-----|------------------------|----------|
| IHP | - 2189 #               |          |
| IFP | - 45" – Built to 8 in. | 41-70 #  |
| ISI | - 60" – Dead           | 1297 #   |
| FFP | - 60" – B.O.B. 50 min. | 79-112 # |
| FSI | - 60" – Dead           | 1236 #   |
| FHP | - 2109 #               |          |
| BHT | - 118°F                |          |



Recovery: 180' GIP  
50' GCO  
185' GMCO 50% Oil

**Structural Comparison**

|                  | <b>Mustang Energy Corporation</b><br>Dechant Brothers #1<br>Sec. 2 T20s R22w<br>1540' FSL & 1695' FEL | Vincent Oil Corporation<br>O'Brien #1<br>Sec. 12 T20s R22w<br>C NW NW |       | Rains & Williamson<br>Erb #1<br>Sec. 2 T20s R22w<br>660' FSL & 660' FEL |       |
|------------------|---|---|-------|---|-------|
| <b>Formation</b> |   |   |       |   |       |
| Anhydrite        | 1517', +740   | 1508', +756   | (-16) | 1542', +741   | (-1)  |
| Base             | 1551', +706   | NA  | NA    | 1576', +707   | (-1)  |
| Heebner          | 3764', -1507  | 3746', -1482  | (-25) | 3799', -1516  | (+9)  |
| Lansing          | 3813', -1556  | 3802', -1538  | (-18) | 3846', -1563  | (+7)  |
| BKc              | 4131', -1872  | 4120', -1856  | (-16) | NA  | NA    |
| Pawnee           | 4238', -1981  | 4232', -1968  | (-13) | 4280', -1997  | (+16) |
| Fort Scott       | 4318', -2061  | 4311', -2047  | (-14) | 4360', -2077  | (+15) |
| Cherokee         | 4343', -2086  | 4334', -2070  | (-16) | 4383', -2100  | (+14) |
| Basil Cher. Sand | 4390', -2133  | 4370', -2106  | (-27) | Not Encountered   | NE    |
| Mississippian    | 4460', -2203  | 4436', -2172  | (-31) | 4468', -2185  | (-18) |



## Summary

The location for the Dechant Brothers #1 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One Drill Stem Test was conducted which recovered commercial amounts of oil from the Basil Cherokee Sand Formation. After all gathered data had been examined the decision was made to run 5 ½ inch production casing to further evaluate the Dechant Brothers #1 well.

### Recommended Perforations

**Primary:**

**Basil Cherokee Sand** (4422' – 4427') **Not Tested**

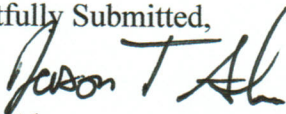
**Secondary:**

**Basil Cherokee Sand** (4412' – 4417') **DST #1**

**Before Abandonment:**

**Fort Scott** (4330' – 4334') **Not Tested**

Respectfully Submitted,



Jason T Alm  
Hard Rock Consulting, Inc.

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 379

|      |         |      |   |      |    |       |    |        |      |       |    |             |         |
|------|---------|------|---|------|----|-------|----|--------|------|-------|----|-------------|---------|
| Date | 8-20-14 | Sec. | 2 | Twp. | 20 | Range | 22 | County | Ness | State | KS | On Location | 7:45pm. |
|------|---------|------|---|------|----|-------|----|--------|------|-------|----|-------------|---------|

Location Bazin-DDP 85 SDR 1/2 Winto

|       |                         |  |          |   |       |                                    |
|-------|-------------------------|--|----------|---|-------|------------------------------------|
| Lease | <u>Dechant Brothers</u> |  | Well No. | 1 | Owner | To Quality Oilwell Cementing, Inc. |
|-------|-------------------------|--|----------|---|-------|------------------------------------|

|            |                     |  |  |  |  |  |
|------------|---------------------|--|--|--|--|--|
| Contractor | <u>D. Sawyer #3</u> | You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. |  |  |  |  |
|------------|---------------------|--|--|--|--|--|

|          |                |           |                       |
|----------|----------------|-----------|-----------------------|
| Type Job | <u>Surface</u> | Charge To | <u>Mustang Energy</u> |
|----------|----------------|-----------|-----------------------|

|           |               |      |            |        |  |
|-----------|---------------|------|------------|--------|--|
| Hole Size | <u>12 1/4</u> | T.D. | <u>221</u> | Street |  |
|-----------|---------------|------|------------|--------|--|

|      |              |       |            |      |  |       |  |
|------|--------------|-------|------------|------|--|-------|--|
| Csg. | <u>8 5/8</u> | Depth | <u>221</u> | City |  | State |  |
|------|--------------|-------|------------|------|--|-------|--|

|           |  |       |  |  |  |  |
|-----------|--|-------|--|--|--|--|
| Tbg. Size |  | Depth |  | The above was done to satisfaction and supervision of owner agent or contractor. |  |  |
|-----------|--|-------|--|--|--|--|

|      |  |       |  |                       |                           |
|------|--|-------|--|-----------------------|---------------------------|
| Tool |  | Depth |  | Cement Amount Ordered | <u>150 on 3/11 2-1-12</u> |
|------|--|-------|--|-----------------------|---------------------------|

|                     |            |            |  |  |  |
|---------------------|------------|------------|--|--|--|
| Cement Left in Csg. | <u>15'</u> | Shoe Joint |  |  |  |
|---------------------|------------|------------|--|--|--|

|           |  |          |             |        |            |
|-----------|--|----------|-------------|--------|------------|
| Meas Line |  | Displace | <u>138L</u> | Common | <u>150</u> |
|-----------|--|----------|-------------|--------|------------|

**EQUIPMENT**

|         |           |     |  |               |                 |
|---------|-----------|-----|--|---------------|-----------------|
| Pumptrk | <u>20</u> | No. |  | Cement Helper | <u>Craig</u>    |
| Bulktrk |           | No. |  | Driver        | <u>Mark</u>     |
| Bulktrk | <u>3</u>  | No. |  | Driver        | <u>Lennie M</u> |

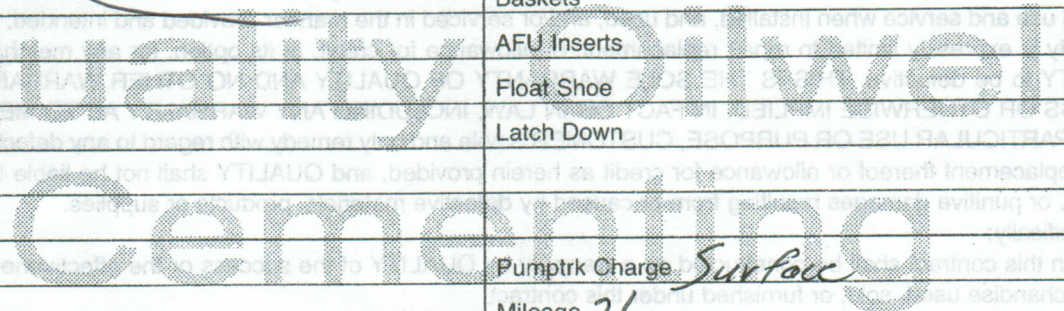
|          |          |
|----------|----------|
| Poz. Mix |          |
| Gel.     | <u>3</u> |
| Calcium  | <u>5</u> |

**JOB SERVICES & REMARKS**

|   |                         |
|---|-------------------------|
| Remarks:                                | Salt                    |
| Rat Hole                                | Flowseal                |
| Mouse Hole                              | Kol-Seal                |
| Centralizers                            | Mud CLR 48              |
| Baskets                                 | CFL-117 or CD110 CAF 38 |
| D/V or Port Collar                      | Sand                    |
| <u>8 5/8 on bottom Est. Circulation</u> | Handling <u>158</u>     |
| <u>Mix 150 SK &amp; Displace</u>        | Mileage                 |

**FLOAT EQUIPMENT**

|                          |             |
|--------------------------|-------------|
| <u>Cement Circulated</u> | Guide Shoe  |
|                          | Centralizer |
|                          | Baskets     |
|                          | AFU Inserts |
|                          | Float Shoe  |
|                          | Latch Down  |



|                |                |
|----------------|----------------|
| Pumptrk Charge | <u>Surface</u> |
| Mileage        | <u>21</u>      |

|                |              |
|----------------|--------------|
| X<br>Signature | Tax          |
|                | Discount     |
|                | Total Charge |

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 549

Cell 785-324-1041

|      |         |      |   |      |    |       |    |        |      |       |    |             |  |        |         |
|------|---------|------|---|------|----|-------|----|--------|------|-------|----|-------------|--|--------|---------|
| Date | 9-12-14 | Sec. | 1 | Twp. | 20 | Range | 22 | County | Ness | State | KS | On Location |  | Finish | 2:00 PM |
|------|---------|------|---|------|----|-------|----|--------|------|-------|----|-------------|--|--------|---------|

Location Bazine 7S 1/4 W N into

Lease Dechant Brothers Well No. 1 Owner To Quality Oilwell Cementing, Inc.

Contractor Husker Energy Services You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Type Job Port Collar Charge To Mustang Energy

Hole Size \_\_\_\_\_ T.D. \_\_\_\_\_ Depth \_\_\_\_\_ Street \_\_\_\_\_

Csg. 5 1/2 Depth \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_

Tbg. Size 2 1/2 Depth \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_

Tool Port Collar Depth 1466 The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. \_\_\_\_\_ Shoe Joint \_\_\_\_\_ Cement Amount Ordered 300 QMDC 1/4 flo

Meas Line \_\_\_\_\_ Displace 6 1/2 bbl Used 185 QMDC

**EQUIPMENT** Common 185 QMDC

Pumptrk 5 No. David Poz. Mix \_\_\_\_\_

Bulktrk 19 No. Doug Gel. 5sxs

Bulktrk P4 No. Brett Calcium \_\_\_\_\_

**JOB SERVICES & REMARKS** Hulls 300 #

Remarks: \_\_\_\_\_ Salt \_\_\_\_\_

Rat Hole \_\_\_\_\_ Flowseal \_\_\_\_\_

Mouse Hole \_\_\_\_\_ Kol-Seal \_\_\_\_\_

Centralizers \_\_\_\_\_ Mud CLR 48 \_\_\_\_\_

Baskets \_\_\_\_\_ CFL-117 or CD110 CAF 38 \_\_\_\_\_

~~Port Collar~~ @ 1466' Sand \_\_\_\_\_

Circulate oil out @ 3220 Handling 300

w/ 80 bbl Mileage \_\_\_\_\_

Pulled up to 1466' found PC **FLOAT EQUIPMENT**

Tested PC to 1000 lbs Guide Shoe \_\_\_\_\_

Open PC Centralizer \_\_\_\_\_

Mixed 185 gm QMDC Baskets \_\_\_\_\_

Displaced 6 1/2 bbl AFU Inserts \_\_\_\_\_

Ran 5 J's Float Shoe \_\_\_\_\_

Washed Clean w/ 27 bbls Latch Down \_\_\_\_\_

Cement Circulated!! Pumptrk Charge port collar

Mileage 21 21

Signature [Signature] Tax \_\_\_\_\_

Discount \_\_\_\_\_ Total Charge \_\_\_\_\_

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Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 286

|  |      |      |       |        |       |             |        |
|--|------|------|-------|--------|-------|-------------|--------|
| Date   | Sec. | Twp. | Range | County | State | On Location | Finish |
| 8-27-14  | 2    | 20   | 22    | Ness   | KS    |             | 4:15AM |
| Location <i>Bazine, W to DD Rd, 8S, 1 1/2 W, Nn2</i> |      |      |       |        |       |             |        |

|                                |                         |  |
|--------------------------------|-------------------------|--|
| Lease <i>Dechant Brothers</i>  | Well No. <i>1</i>       | Owner  |
| Contractor <i>Discovery #3</i> |                         | To Quality Oilwell Cementing, Inc.<br>You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. |
| Type Job <i>long string</i>    |                         | Charge To <i>Mustang Energy</i>  |
| Hole Size <i>7 7/8</i>         | T.D. <i>4510</i>        | Street   |
| Csg. <i>5 1/2 15 1/2 #</i>     | Depth <i>4497.87</i>    | City   |
| Tbg. Size                      | Depth                   | State  |
| Tool                           | Depth                   | The above was done to satisfaction and supervision of owner agent or contractor.   |
| Cement Left in Csg.            | Shoe Joint <i>42.30</i> | Cement Amount Ordered <i>200 sx Com, 10% salt, 5% gilsawite</i>  |
| Meas Line                      | Displace <i>106661</i>  |  |

|                   |                      |                   |
|-------------------|----------------------|-------------------|
| <b>EQUIPMENT</b>  |                      | Common <i>200</i> |
| Pumptrk <i>18</i> | No. Cementer         | Poz. Mix          |
|                   | Helper <i>Creg</i>   |                   |
| Bulktrk <i>14</i> | No. Driver           | Gel.              |
|                   | Driver <i>Ryan</i>   |                   |
| Bulktrk <i>P4</i> | No. Driver           | Calcium           |
|                   | Driver <i>Travis</i> |                   |

|  |  |                           |
|--|--|---------------------------|
| <b>JOB SERVICES &amp; REMARKS</b>  |  | Hulls                     |
| Remarks:   |  | Salt <i>17</i>            |
| Rat Hole <i>30 sx</i>  |  | Flowseal                  |
| Mouse Hole <i>20 sx</i>  |  | Kol-Seal <i>\$ 1000 #</i> |
| Centralizers <i>1,2,3,4,5,7,71</i>   |  | Mud CLR 48 <i>500 gal</i> |
| Baskets <i>6,72</i>  |  | CFL-117 or CD110 CAF 38   |
| DN or Port Collar <i>72 at 1512</i>  |  | Sand                      |
| <i>Pipe on bottom brake circulation. Pumped 500 gal Mud CLR-48 with 106661 fw behind it. Plugged Rat hole with 30 sx and mouse hole with 20 sx. Hooked to 5 1/2 and mixed 150 sx. Shut down washed pump and lines. Released plug and displaced with 106661 fw. Plug landed and held.</i> |  | Handling <i>217</i>       |
|  |  | Mileage                   |

|                        |                                   |
|------------------------|-----------------------------------|
| <b>FLOAT EQUIPMENT</b> |                                   |
|                        | Guide Shoe                        |
|                        | Centralizer <i>7 turbos</i>       |
|                        | Baskets <i>2</i>                  |
|                        | AFU Inserts                       |
|                        | Float Shoe <i>1</i>               |
|                        | Latch Down <i>1</i>               |
|                        | <i>1 Port Collar</i>              |
|                        | <i>1 Rotating Head</i>            |
|                        | Pumptrk Charge <i>prod string</i> |
|                        | Mileage <i>21</i>                 |

|                            |              |
|----------------------------|--------------|
|                            | Tax          |
|                            | Discount     |
|                            | Total Charge |
| X Signature <i>Rod Dan</i> |              |