

Operator Name: Pickrell Drilling Co. Inc. Lease Name: Lousch Farms A Well #: 1
 Sec. 7 Twp. 33S S. R. 18W East West County: Comanche

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction Dual Compensated Porosity Borehole Compensated Sonic Log | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Name</th> <th style="width:30%;">Top</th> <th style="width:40%;">Datum</th> </tr> </thead> <tbody> <tr> <td>Heebner</td> <td>4374(-2281)</td> <td>Osage 5569(-3476)</td> </tr> <tr> <td>Brown Lm</td> <td>4568(-2475)</td> <td>Maquoketa 5921(-3828)</td> </tr> <tr> <td>Lansing</td> <td>4576(-2483)</td> <td>Viola 5946(-3853)</td> </tr> <tr> <td>Drum</td> <td>4798(-2705)</td> <td>Simp Shale 6141(-4053)</td> </tr> <tr> <td>Stark</td> <td>4908(-2815)</td> <td>Simp Sd dol 6144(-4057)</td> </tr> <tr> <td>Altamont</td> <td>5133(-3032)</td> <td>Bs1 Simp Sd 6274(-4181)</td> </tr> <tr> <td>Pawnee</td> <td>5175(-3082)</td> <td>Arbuckle 6305(-4211)</td> </tr> <tr> <td>Fort Scott</td> <td>5210(-3117)</td> <td></td> </tr> <tr> <td>Cherokee Sh</td> <td>5219(-3126)</td> <td></td> </tr> <tr> <td>Miss</td> <td>5291(-3198)</td> <td></td> </tr> <tr> <td>Warsaw</td> <td>5458(-3365)</td> <td></td> </tr> </tbody> </table> | Name | Top | Datum | Heebner | 4374(-2281) | Osage 5569(-3476) | Brown Lm | 4568(-2475) | Maquoketa 5921(-3828) | Lansing | 4576(-2483) | Viola 5946(-3853) | Drum | 4798(-2705) | Simp Shale 6141(-4053) | Stark | 4908(-2815) | Simp Sd dol 6144(-4057) | Altamont | 5133(-3032) | Bs1 Simp Sd 6274(-4181) | Pawnee | 5175(-3082) | Arbuckle 6305(-4211) | Fort Scott | 5210(-3117) | | Cherokee Sh | 5219(-3126) | | Miss | 5291(-3198) | | Warsaw | 5458(-3365) | |
|---|---|-------------------------|-----|-------|---------|-------------|-------------------|----------|-------------|-----------------------|---------|-------------|-------------------|------|-------------|------------------------|-------|-------------|-------------------------|----------|-------------|-------------------------|--------|-------------|----------------------|------------|-------------|--|-------------|-------------|--|------|-------------|--|--------|-------------|--|
| Name | Top | Datum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Warsaw | 5458(-3365) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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KCC WICHITA

| CASING RECORD <input checked="" 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 | # Sacjs Used | Type and Percent Additives |
| Surface Casing | 12 1/4" | 8 5/8" | 24# | 739'KB | Lite, Class A | 350sx3% | CC, 1/4#FC/sx, 3%G |
| | | | | | | | |
| | | | | | | | |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|---|------------------|----------------|-------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| P&A ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone | | 60-40 poz. | 205sx | 6% gel |
| | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type | Acid, Fracture, Shot, Cement Squeeze Record | Depth |
|----------------|---|---|-------|
| | Specify Footage of Each Interval Perforated | (Amount and Kind of Material Used) | |
| | Not Applicable | | |
| | | | |
| | | | |
| | | | |

| | | | | |
|--|-----------|--|-------------|---|
| TUBING RECORD | Size | Set At | Packer At | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| N/A | | | | |
| Date of First, Resumerd Production, SWD or Enhr. | | Producing Method | | |
| N/A | | <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 |
| N/A | | | | |

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: _____

ALLIED CEMENTING CO., INC. 14098

Federal Tax I.D.# [REDACTED]

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL
SERVICE POINT
Med. Lodge, KS

| | | | | | | | |
|--------------------------------|---------------|-------------------|--|-------------------------------------|--------------------------------------|------------------------------------|-------------------------------------|
| DATE <u>12-14-03</u> | SEC. <u>7</u> | TWP. <u>33s</u> | RANGE <u>18W</u> | CALLED OUT <u>4⁰⁰ AM</u> | ON LOCATION <u>6⁰⁰ AM</u> | JOB START <u>7⁰⁰ AM</u> | JOB FINISH <u>8⁰⁰ PM</u> |
| LEASE <u>Lousch Farms</u> | | WELL # <u>A-1</u> | LOCATION <u>Coldwater S. to Junction 4s,</u> | | | COUNTY <u>Comanche</u> | STATE <u>KS</u> |
| OLD OR <u>NEW</u> (Circle one) | | | East. into | | | | |

CONTRACTOR Pickrell Drilling
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 1/2" T.D. 6304'
 CASING SIZE 8 5/8 24.00 DEPTH 650'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2" DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM 50
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER _____

CEMENT
 AMOUNT ORDERED 205 60:40:6

| | | | | | |
|----------|------------|------------|---|--------------|---------------|
| COMMON | <u>123</u> | <u>A</u> | @ | <u>7.15</u> | <u>879.45</u> |
| POZMIX | <u>82</u> | | @ | <u>3.80</u> | <u>311.60</u> |
| GEL | <u>11</u> | | @ | <u>10.00</u> | <u>110.00</u> |
| CHLORIDE | | | @ | | |
| | | | @ | | |
| | | | @ | | |
| | | | @ | | |
| | | | @ | | |
| HANDLING | <u>216</u> | | @ | <u>1.15</u> | <u>248.40</u> |
| MILEAGE | <u>45</u> | <u>216</u> | @ | <u>0.05</u> | <u>486.00</u> |

EQUIPMENT

PUMP TRUCK CEMENTER Mike Pucker
 # 372 HELPER Mark Brungardt
 BULK TRUCK
 # 364 DRIVER Tanner Fox
 BULK TRUCK
 # _____ DRIVER _____

RECEIVED TOTAL 2035.45

DEC 30 2003
 KCC WICHITA SERVICE

REMARKS:

See Cementing log!

| | | | |
|-------------------|--------------|---|---------------------------|
| DEPTH OF JOB | <u>6304'</u> | | |
| PUMP TRUCK CHARGE | | | <u>520.00</u> |
| EXTRA FOOTAGE | | @ | |
| MILEAGE | <u>45</u> | @ | <u>3.50</u> <u>157.50</u> |
| PLUG | <u>None</u> | @ | |
| | | @ | |
| | | @ | |

TOTAL 677.50

CHARGE TO: Pickrell Drilling
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

None
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

API. 15-033-21384-00-00
 To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or

TOTAL _____

ALLIED CEMENTING CO., INC. 14115

Federal Tax I.D.# [REDACTED]

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL
SERVICE POINT
Medicine Lodge

| | | | | | | | |
|--------------------------------|---------------|-------------------|---|---------------------------|-----------------------------|--------------------------|---------------------------|
| DATE <u>11-26-03</u> | SEC. <u>7</u> | TWP. <u>33s</u> | RANGE <u>18w</u> | CALLED OUT <u>8:30 Am</u> | ON LOCATION <u>11:00 Am</u> | JOB START <u>2:15 pm</u> | JOB FINISH <u>2:50 pm</u> |
| LEASE <u>Dousch</u> | | WELL # <u>A-1</u> | LOCATION <u>Coldwater, 5 1/4 S, 7 S</u> | | COUNTY <u>Comanche</u> | STATE <u>Ks.</u> | |
| OLD OR <u>NEW</u> (Circle one) | | | | | | | |

CONTRACTOR Pickrell
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 744'
 CASING SIZE 8 5/8 x 24" DEPTH 739'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 700 MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 43'
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 44 1/4 Bbls Freshwater

OWNER Pickrell Drilling
 CEMENT
 AMOUNT ORDERED
250 SX 65:35:6+3%cc + 1/4 # Flo-seal
100 SX Class A + 3%cc + 2%gel
 COMMON 100 'A' @ 7.15 715.00
 POZMIX _____ @ _____
 GEL 2 @ 10.00 20.00
 CHLORIDE 12 @ 30.00 360.00
Flo Seal 63 # @ 1.40 88.20
ALW 250 @ 6.70 1675.00
 _____ @ _____
 _____ @ _____
 HANDLING 380 @ 1.15 437.00
 MILEAGE 45 x 380 x .05 855.00

EQUIPMENT
 PUMP TRUCK CEMENTER Carl Balding
 # 360-362 HELPER Dwayne West
 BULK TRUCK
 # 363 DRIVER Larry Goldsberry
 BULK TRUCK
 # _____ DRIVER _____

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 KCC WICHITA SERVICE
 TOTAL 4150.20

REMARKS:

Run 739' 8 5/8 casing, Break Circulation w/ Rig Pump switch lines to casing. Pump 5 Bbls freshwater, mix 250 sx ALW + 100 sx Class A 3%cc + 2%gel. Release plug + displace w/ 44 1/4 Bbls freshwater. Pump stop + shut in. Circulate cement to surface ✓

DEPTH OF JOB 739'
 PUMP TRUCK CHARGE 0-300' 520.00
 EXTRA FOOTAGE 439' @ .50 219.50
 MILEAGE 45 @ 3.50 157.50
 PLUG Rubber @ 100.00 100.00
 _____ @ _____
 _____ @ _____

CHARGE TO: Pickrell Drilling
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 997.00

FLOAT EQUIPMENT

1- Baffle plate @ 45.00 45.00
1- Basket @ 180.00 180.00
 _____ @ _____
 _____ @ _____
 _____ @ _____

API. 15.033.21384.00.00

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or

TOTAL 225.07