



Operator Name: Mai Oil Operations, Inc. Lease Name: Popp Well #: 3  
 Sec. 4 Twp. 16 S. R. 14  East  West County: Barton

**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  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

**CNDL, DIL, Micro**

| <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
|-----------------------------------------|----------------------------------|---------------------------------|
|                                         | Name                             | Top Datum                       |
|                                         | Anhydrite                        | 897' +1014                      |
|                                         | Base Anhydrite                   | 927' +984                       |
|                                         | Topeka                           | 2822' -911                      |
|                                         | Heebner                          | 3053' -1142                     |
|                                         | Toronto                          | 3070' -1159                     |
|                                         | Lansing                          | 3120' -1209                     |
|                                         | Base Kansas City                 | 3320' -1409                     |
|                                         | Arbuckle                         | 3344' -1433                     |

| 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 | # Sacks Used | Type and Percent Additives |
| Surface                                                                             | 12 1/4"           | 8 5/8"                    | 25#               | 415'          | 60-40POZ       | 225          | 2%gel,3%CC                 |
| Production                                                                          | 7 7/8"            | 5 1/2"                    | 14#               | 3433'         | 50=50POZ       | 125          |                            |
|                                                                                     |                   |                           |                   |               |                |              |                            |

| 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  |                  |                |             |                            |

| 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 |
|----------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------|
|                | CIBP @ 3350'                                                                              | 1250 Gal 15% NE HCL, 5000 Gal 20% CRA                                             |       |
| 3              | 3329-32', 3298-3302', 3282-87', 3154-69',                                                 | HCL                                                                               |       |
|                | 3139-43'                                                                                  |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |

| TUBING RECORD                                    |           | Size                                                                                                                                                    | Set At      | Packer At     | Liner Run                                                           |
|--------------------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|---------------------------------------------------------------------|
|                                                  |           | 2 7/8"                                                                                                                                                  | 3346'       |               | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumerd Production, SWD or Enhr. |           | Producing Method                                                                                                                                        |             |               |                                                                     |
| 10-19-07                                         |           | <input type="checkbox"/> Flowing <input checked="" 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                                                             |
|                                                  | 30        |                                                                                                                                                         | 40          |               |                                                                     |

Disposition of Gas **METHOD OF COMPLETION** Production Interval  
 Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) 3139-3332' OA  
 (If vented, Submit ACO-18.)

RECEIVED  
 KANSAS CORPORATION COMMISSION

JAN 23 2008

CONSERVATION DIVISION  
 WICHITA, KS

# ALLIED CEMENTING CO., INC.

Federal Tax I.D.

28010

TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

|                                                          |         |                                      |   |          |                     |       |    |            |        |             |       |           |  |            |            |  |
|----------------------------------------------------------|---------|--------------------------------------|---|----------|---------------------|-------|----|------------|--------|-------------|-------|-----------|--|------------|------------|--|
| DATE                                                     | 9-24-07 | SEC.                                 | 4 | TWP.     | 16                  | RANGE | 14 | CALLED OUT |        | ON LOCATION |       | JOB START |  | JOB FINISH | 10:15 p.m. |  |
| LEASE                                                    | Popp    | WELL #                               | 3 | LOCATION | Russell + 281 15 of |       |    |            | COUNTY | Barton      | STATE | K5        |  |            |            |  |
| <input checked="" type="radio"/> OLD OR NEW (Circle one) |         | County line 1 1/2 W <del>Niata</del> |   |          |                     |       |    |            |        |             |       |           |  |            |            |  |

CONTRACTOR Southwind Drilling Rig #3 OWNER \_\_\_\_\_

TYPE OF JOB Production string

HOLE SIZE 7 1/8 T.D. 3439'

CASING SIZE 5 1/2 14" DEPTH 3433

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX. \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 21'

CEMENT LEFT IN CSG. 21'

PERFS. \_\_\_\_\_

DISPLACEMENT 83.26 bbl

**EQUIPMENT**

PUMP TRUCK CEMENTER Shane

# 361 HELPER Sohn Robertz

BULK TRUCK \_\_\_\_\_

# 345 DRIVER Rocky

BULK TRUCK \_\_\_\_\_

# \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

Rat Hole 15 sks

Insert @ 3412'

Plug @ ~~3412'~~ didn't land

Took Float 2000 psi to open float

CEMENT

AMOUNT ORDERED 140 50/50 10% Salt

29 Gal 1/4" #16

750 Gal WFR-2

|          |                |   |      |         |
|----------|----------------|---|------|---------|
| COMMON   | 70             | @ | 1140 | 777.00  |
| POZMIX   | 70             | @ | 620  | 434.00  |
| GEL      | 2              | @ | 1655 | 33.30   |
| CHLORIDE |                | @ |      |         |
| ASC      |                | @ |      |         |
| Salt     | 12             | @ | 1920 | 230.40  |
| WFR-2    | 750 gals       | @ | 1.00 | 750.00  |
| HANDLING | 154            | @ | 1.92 | 292.68  |
| MILEAGE  | 94 1/2 SK/MILE |   |      | 250.00  |
| TOTAL    |                |   |      | 2767.38 |

**SERVICE**

|                               |    |   |     |         |
|-------------------------------|----|---|-----|---------|
| DEPTH OF JOB                  |    |   |     |         |
| PUMP TRUCK CHARGE             |    |   |     | 1640.00 |
| EXTRA FOOTAGE                 |    | @ |     |         |
| MILEAGE                       | 15 | @ | 600 | 90.00   |
| MANIFOLD                      |    | @ |     |         |
| RECEIVED                      |    | @ |     |         |
| KANSAS CORPORATION COMMISSION |    |   |     |         |

CHARGE TO: Ma Oil Operations

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

JAN 23 2008

TOTAL 1700.00

CONSERVATION DIVISION  
WICHITA, KS

**PLUG & FLOAT EQUIPMENT**

|                    |  |   |       |        |
|--------------------|--|---|-------|--------|
| Guide Shoe         |  |   |       | 170.00 |
| AFU-Float shoe     |  | @ |       |        |
| Catchdown Assembly |  | @ |       | 410.00 |
| 8-Turbolizers      |  | @ | 70.00 | 560.00 |
|                    |  | @ |       |        |
|                    |  | @ |       |        |

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

# ALLIED CEMENTING CO., INC.

25372

Federal Tax I.D.#

ATTN: P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

|                                    |                 |                                    |                 |                      |                 |           |                             |
|------------------------------------|-----------------|------------------------------------|-----------------|----------------------|-----------------|-----------|-----------------------------|
| DATE <u>9-18-07</u>                | SEC. <u>4</u>   | TWP. <u>16</u>                     | RANGE <u>14</u> | CALLED OUT           | ON LOCATION     | JOB START | JOB FINISH <u>3:45 a.m.</u> |
| LEASE <u>Popp</u>                  | WELL # <u>3</u> | LOCATION <u>Russell + 281 S to</u> |                 | COUNTY <u>Barton</u> | STATE <u>Ks</u> |           |                             |
| OLD OR NEW (Circle one) <u>NEW</u> |                 | County line 15 1/4 W Niato         |                 |                      |                 |           |                             |

CONTRACTOR Southwind Drilling Ris #3

TYPE OF JOB Surface Job

HOLE SIZE 12 1/4 T.D. 415

CASING SIZE 8 1/8 DEPTH 415

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15

PERFS. \_\_\_\_\_

DISPLACEMENT 25 1/2 bbl

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 225 Con 39 CC

270 Gel

|          |                 |                |                      |
|----------|-----------------|----------------|----------------------|
| COMMON   | <u>225</u>      | @ <u>11.10</u> | <u>2497.50</u>       |
| POZMIX   |                 | @              |                      |
| GEL      | <u>4</u>        | @ <u>16.65</u> | <u>66.60</u>         |
| CHLORIDE | <u>8</u>        | @ <u>16.60</u> | <u>372.80</u>        |
| ASC      |                 | @              |                      |
|          |                 | @              |                      |
|          |                 | @              |                      |
|          |                 | @              |                      |
|          |                 | @              |                      |
|          |                 | @              |                      |
|          |                 | @              |                      |
|          |                 | @              |                      |
| HANDLING | <u>237</u>      | @ <u>1.90</u>  | <u>450.30</u>        |
| MILEAGE  | <u>SK/m/109</u> |                | <u>298.62</u>        |
|          |                 |                | TOTAL <u>3685.82</u> |

**EQUIPMENT**

PUMP TRUCK CEMENTER Stune

# 366 HELPER John Roberts

BULK TRUCK

# 345 DRIVER Chuck

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

Cement Cure!

**SERVICE**

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE 815.00

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE 14 @ 6.00 84.00

MANIFOLD @ \_\_\_\_\_

CHARGE TO: Mai Oil Operations

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

RECEIVED  
KANSAS CORPORATION COMMISSION

JAN 23 2008

TOTAL 899.00

CONSERVATION DIVISION  
PLUG & ABANDON EQUIPMENT

|                       |  |   |              |
|-----------------------|--|---|--------------|
|                       |  | @ |              |
| <u>8 1/8 Wood Ply</u> |  | @ | <u>60.00</u> |
|                       |  | @ |              |
|                       |  | @ |              |