

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

-23328-

Operator: License # 32325
Name: Popp Operating, Inc.
Address: PO Box 187
City/State/Zip: Hoisington, KS 67544
Purchaser: Semcrude, LLC
Operator Contact Person: Rickey Popp
Phone: (620) 786-5514
Contractor: Name: Discovery Drilling Co., Inc
License: 31548

Wellsite Geologist: Bob Stolzle
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. _____

| | | |
|-----------------------------------|-----------------|---|
| <u>1/30/06</u> | <u>2/03/06</u> | <u>2/17/06</u> |
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 167-2338-00-00
County: Russell
150 N SE NW NE Sec. 32 Twp. 15 S. R. 13 East West
840 feet from S / N (circle one) Line of Section
1650 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Mai Well #: 1
Field Name: Trapp

Producing Formation: Arbuckle
Elevation: Ground: 1895 Kelly Bushing: 1903
Total Depth: 3425 Plug Back Total Depth: 3381
Amount of Surface Pipe Set and Cemented at 882.55 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 AH I NR
(Data must be collected from the Reserve Pit) 11-7-08
Chloride content 14,000 ppm Fluid volume 300 bbls
Dewatering method used Evaporation
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: Rickey Popp
Title: President Date: 7/10/06
Subscribed and sworn to before me this 10th day of July
2006
Notary Public: Jane M. Stejnert
Date Commission Expires: 5/20/07

NOTARY PUBLIC - State of Kansas
JANE M. STEJNERT
My Appt. Exp. 5/20/07

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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Operator Name: Popp Operating, Inc. Lease Name: Mai Well #: 1
 Sec. 32 Twp. 15 S. R. 13 East West County: Russell

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 <i>(Attach Additional Sheets)</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Name | Top | Datum |
| Cores Taken | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Anhydrite | 870' | +1033 |
| Electric Log Run <i>(Submit Copy)</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Tarkio | 2560' | -657 |
| List All E. Logs Run: | | Topeka | 2773' | -870 |
| | | Heebner | 3004' | -1101 |
| | | Lansing Gp | 3073' | -1170 |
| | | Base KC Gp | 3289' | -1386 |
| | | Arbuckle | 3339' | -1436 |
| | | TD | 3424 | |

Compensated Neutron/Density, Dual Induction, Micro & Cement Bond Logs

| 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 csg | 12 1/4" | 8-5/8" | 23 | 882.55' | A-Con | 325 | 2% gel, 3% cc |
| Production csg | 7 7/8" | 5 1/2" | 14 | 3423' | Econo-Bond | 150 | 10% salt, 3% gel, 2% calseal |

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

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| 4 | 3338-39' | 500 gal 7-1/2% MCA/DFe/DMO | |

| | | | | | | |
|--|-----------|---------|---|---------------|-----------|---|
| TUBING RECORD | | Size | Set At | Packer At | Liner Run | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| | | 2-7/8" | 3355 | a-c 3294' | | |
| Date of First, Resumerd Production, SWD or Enhr. | | | Producing Method | | | |
| 3/23/06 | | | <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 | |
| | 8 | ----- | 290 | ----- | 39.2 | |

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

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

Production Interval _____



| |
|----------------|
| INVOICE NO. |
| Date 2-3-06 |
| Customer ID |

Subject to Correction

FIELD ORDER 11446

| | | |
|-------------------|-------------|---------------------|
| Lease Mai | Well # 2 | Legal 32-155-13W |
| County Russell | State KS | Station Pratt |

CHARGE

| | | | |
|------------------------------|--------------------------------------|------------------------------------|-------------------------------------|
| Popp Operating, Incorporated | Depth 36.15' | Formation | Shoe Joint 36.15' |
| | Casing 5 1/2" 14#/ft. | Casing Depth 3422' | TD 3424' |
| | Customer Representative Rick Popp | Job Type Cement Long String New | Treater Clarence R. Messick Well |

| | | |
|------------|-----------|--|
| AFE Number | PO Number | Materials Received by X <i>[Signature]</i> |
|------------|-----------|--|

| Product Code | QUANTITY | MATERIAL, EQUIPMENT and SERVICES USED | UNIT PRICE | AMOUNT | ACCOUNTING | |
|--------------|----------|--|------------|-------------|------------|--------|
| | | | | | CORRECTION | AMOUNT |
| D-207 | 150 st. | Econobond | | | | |
| D-203 | 25 st. | 60/40 Poz | | | | |
| C-195 | 39 lb. | FLA-322 | | | | |
| C-243 | 32 lb. | Defoamer | | | | |
| C-244 | 32 lb. | Cement Friction Reducer | | | | |
| C-141 | 2 gal. | CC-1 | | | | |
| C-302 | 500 gal. | Mud Flush | | | | |
| F-101 | 10 ea. | Turbolizer, 5 1/2" | | | | |
| F-171 | 1 ea. | I. R. Latch Down Plug and Baffle, 5 1/2" | | | | |
| F-211 | 1 ea. | Auto Fill Float Shoe, 5 1/2" | | | | |
| E-100 | 140 mi. | Heavy Vehicle Mileage, 1-way | | | | |
| E-101 | 70 mi. | Pickup Mileage, 1-way | | | | |
| E-104 | 525 tm. | Bulk Delivery | | | | |
| E-107 | 175 st. | Cement Service Charge | | | | |
| R-207 | 1 ea. | Casing Cement Pumper, 3,001-3,500' | | | | |
| R-701 | 1 ea. | Cement Head Rental | | | | |
| R-702 | 1 ea. | Casing Swivel Rental | | | | |
| | | Discounted Price = | | \$ 6,993.52 | | |
| | | Plus taxes | | | | |

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TREATMENT REPORT

| | | | | | |
|---|--|------------------------|--|---------------------------------|--|
| Customer Opp Operating, Incorporated | | Lease No. Well # 1 | | Date 2-3-06 | |
| Lease Mai | | Field Order # 11440 | | Station Pratt | |
| Casing 5 7/8 14 #/ft. | | Depth 3423' | | County Russell | |
| Type Job Cement Long String New Well | | Formation | | Legal Description 32-155-13W | |

| PIPE DATA | | PERFORATING DATA | | FLUID USED | | TREATMENT RESUME | |
|-------------------------------|--------------|------------------|----|--|------------|------------------|------------------|
| Casing Size 5 7/8 14 #/ft. | Tubing Size | Shots/Ft | | Acid 150 sacks Econobond w/ 4% Gel, 2% C.C., 2.5% Friction Reducer, 2.5% De | RATE | PRESS | ISIP |
| Depth 3423' | Depth | From | To | Fluid | Max | | 5 Min. |
| Volume 2222 Bbl. | Volume | From | To | Fluid | Min | | 10 Min. |
| Max Press 1500 PSI | Max Press | From | To | Fluid | Avg | | 15 Min. |
| Well Connection Plug Cont | Annulus Vol. | From | To | 2% HCL | HHP Used | | Annulus Pressure |
| Plug Depth 3387' | Packer Depth | From | To | Flush 02.64 Bbl. Fresh | Gas Volume | | Total Load |

| | | |
|--------------------------------------|-------------------------------|--------------------------------|
| Customer Representative Rich Lopp | Station Manager Dave Scott | Treater Clarence R. Messick |
|--------------------------------------|-------------------------------|--------------------------------|

| | | | | |
|---------------|---------|-------|-------|-----|
| Service Units | 119 | 380 | 381 | 572 |
| Driver Names | Messick | Plump | Dimit | |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|-------|-----------------|-----------------|--------------|------|--|
| 10:00 | | | | | Trucks on location and hold safely in vicinity |
| 10:40 | | | | | Discovery Drilling start turning Auto Fill |
| | | | | | Guide shoe, shoe joint with bit & down baffle screwed into collar and 8 1/2 is now 14 #/ft. 5 1/2 casing Run turbidizer on collar # 1, 2, 4, 5, 6, 7, 8, 9, 10, 11 |
| 12:30 | | | | | Casing in well. Rotate & circulate for 30 minutes |
| 1:05 | 200 | | | 6 | Start 2% HCL Pre-Flush |
| | 200 | | 20 | 6 | Start Mud Flush |
| | 200 | | 32 | 6 | Start Fresh H ₂ O Spacer |
| | 200 | | 37/4-3 | | Stop pumping. Shut in well. Plug Run & Mischel's |
| 1:30 | 200 | | | 5 | Open well Start mixing 150 sacks cement |
| | | | 40 | | Stop mixing. Shut in well Wash pump & lines |
| | | | | | Release plug Open well |
| 1:52 | 200 | | | 6.5 | Start Fresh H ₂ O Displacement 2% HCL |
| 2:05 | 900 | | 83 | | Plug down |
| | 1500 | | | | Pressure up |
| | | | | | Release pressure. Insert hold |
| | | | | | Wash up pump truck |
| 2:30 | | | | | Job Complete |
| | | | | | Thanks |
| | | | | | Clarence R. Messick |

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TREATMENT REPORT

| | | | |
|---|-------------------------|--|---------------------|
| Customer POPP OPERATING INC | Lease No. | Date 01-31-06 | |
| Lease MAI | Well # 1 | | |
| Field Order # 11254 | Station PRATT | Casing 8 5/8 | Depth 882 |
| Type Job SURFACE 8 5/8 NEW WELL | Formation | County RUSSELL | State KS |
| | | Legal Description 32-165-13W | |

| PIPE DATA | | PERFORATING DATA | | FLUID USED | | TREATMENT RESUME | |
|------------------------------------|--------------|------------------|----|---|------------------------------------|--------------------------|------------------------------------|
| Casing 8 5/8 | Tubing Size | Shots/Ft | | Acid 200 SKS A-CON BOND 3% CALCIUM CHLORIDE | RATE 3% CALCIUM CHLORIDE | PRESS CHLORIDE | ISIP 25 CALCIUM CHLORIDE |
| Depth 882 | Depth | From | To | Pre Pad 2-6 MESH 125 SKS CELL FRAC | Max 2 1/2 BENTONITE CU | | 5 Min. |
| Volume 54.8 | Volume | From | To | Pad 125 SKS 60/40 PORE | Mig 2 1/2 BENTONITE CU | | 10 Min. |
| Max Press | Max Press | From | To | Frac 2.5 1/2 SK CELL FRAC | Avg | | 15 Min. |
| Well Connection PLUG COU | Annulus Vol. | From | To | | HHP Used | | Annulus Pressure |
| Plug Depth 882 | Packer Depth | From | To | Flush H2O | Gas Volume | | Total Load |

| | | |
|---|--------------------------------------|-----------------------------|
| Customer Representative RICK POPP | Station Manager DAVE SCOTT | Treater M MCGUIRE |
|---|--------------------------------------|-----------------------------|

| | | | | | | | | |
|--------------------------------|----------------|---------------|--|--|--|--|--|--|
| Service Units 118 | 380457 | 381572 | | | | | | |
| Driver Names MCGUIRE | SPRINGS | EVAN | | | | | | |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|------|-----------------|-----------------|--------------|--------|---|
| | | | | | ON LOCATION |
| | | | | 1.0642 | CRANE CREW RUN 21 IN CASING 23" |
| 0720 | | | | | ON BOTTOM CIRCULATE W/FRAC |
| | | | | | GOOD CIRCULATION |
| 0735 | | | | | HOOK UP TO PUMP TRUCK |
| 0740 | | | 91 | 5.5 | START MIXING LEAD CEMENT 200 SKS A-CON @ 12 |
| 0758 | | | 28 | 5.5 | MIX TAIL CEMENT 125 SKS 60/40 PORE 14.? |
| 0806 | | | | | SHUT DOWN / RELEASE PLUG |
| 0808 | | | | | START DISPLACEMENT |
| | | | | | CEMENT TO PIT 35 SKS |
| 0815 | | | 54 | 6 | SHUT DOWN / SHUT IN |
| | | | | | CIRCULATION THER JOB |
| | | | | | JOB COMPLETE |
| | | | | | THANK YOU |

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