



KANSAS CORPORATION COMMISSION 1069535
OIL & GAS CONSERVATION DIVISION

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 9313
Name: Lorenz, James D.
Address 1: 543A 22000 RD
Address 2: _____
City: CHERRYVALE State: KS Zip: 67335 + _____
Contact Person: James D Lorenz
Phone: (620) 423-9360
CONTRACTOR: License # 33072
Name: Well Refined Drilling Company, Inc.
Wellsite Geologist: none
Purchaser: Coffeyville Resources

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- 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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

| | | |
|-----------------------------------|-------------------|---|
| <u>01/24/2012</u> | <u>01/25/2012</u> | <u>02/15/2012</u> |
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 15-037-22197-00-00

Spot Description: N 37.25190 W095.02.694

NW NE NE SW Sec. 19 Twp. 30 S. R. 22 East West

2509 Feet from North / South Line of Section

3293 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: Crawford

Lease Name: Mechling Well #: B1

Field Name: McCune

Producing Formation: Bartlesville

Elevation: Ground: 935 Kelly Bushing: 940

Total Depth: 355 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 22 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: 355
feet depth to: 0 w/ 61 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 1 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: James D Lorenz

Lease Name: Hygrade D3 License #: 9313

Quarter NW Sec. 33 Twp. 31 S. R. 18 East West

County: Labette Permit #: D27822

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: Deanna Garbar Date: 07/23/2012



1069535

Operator Name: Lorenz, James D. Lease Name: Mechling Well #: B1
 Sec. 19 Twp. 30 S. R. 22 East West County: Crawford

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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" 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 Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Gamma Ray Neutron Completion Log | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Driller's Log 295 Gamma Ray Neutron Completion Log 296 |
|--|--|

| CASING RECORD <input type="checkbox"/> New <input checked="" 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 |
| surfacee | 12.2500 | 8.6250 | 8 | 22 | Portland | 4 | |
| production | 6.2500 | 2.8750 | 6.5 | 350 | OWC | 54 | |
| | | | | | | | |

| 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 <i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|---------|
| 2 | 2"DML-RTG | frac W'200gal HCT acid OTF | 296-302 |
| | | | |
| | | | |
| | | | |

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

| | | |
|---|--|--|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL: _____ _____ |
|---|--|--|

Well Refined Drilling Company, Inc.

4230 Douglas Road - Thayer, KS 66776

Contractor License # 33072 -

Office - 620-839-5581; Jeff Pocket - 620-432-6170; Fax - 620-839-5582

HAVE RIG
Rig # 2
WILL DIG!

| | | |
|-----------------------------|-------------------|----------------|
| Rig #: | 2 | License # 9313 |
| API #: | 15-037-22197-0000 | |
| Operator: | James D. Lorenz | |
| Address: | 543A 22000 Road | |
| Cherryvale, KS 67335 - 8515 | | |

| | | |
|-----------|---------------|------|
| S19 | T30S | R22E |
| Location: | N2,N2,NE,SW | |
| County | Crawford - KS | |

| | | | | Gas Tests | | | |
|-----------------|------|----------------|------------|-----------|----|---------|------------|
| Well #: | B1 | Lease Name: | Mechling | Depth | Oz | Orifice | flow - MCF |
| Location: | 2475 | FSL | | | | | |
| | 3300 | FEL | | | | | |
| Spud Date: | | 1/19/2012 | | | | | |
| Date Completed: | | 1/20/2012 | TD: | 355 | | | |
| Geologist: | | | | | | | |
| Driller: | | Josiah Kephart | | | | | |
| Casing Record | | Surface | Production | | | | |
| Hole Size | | 12 1/4" | 6 1/4" | | | | |
| Casing Size | | 8 5/8" | | | | | |
| Weight | | | | | | | |
| Setting Depth | | 22' 6" | | | | | |
| Cement Type | | 4 | | | | | |
| Sacks | | Portland | | | | | |
| Feet of Casing | | | | | | | |

12LA-012012-R2-002-Mechling B1- James D. Lorenz

Well Log

| Top | Bottom | Formation | Top | Bottom | Formation | Top | Bottom | Formation |
|------|--------|------------|-----|--------|-----------------|-----|--------|-----------|
| 0 | 2 | overburden | 235 | 236 | coal | 0 | | |
| 2 | 7 | lime | 236 | 250 | shale | | | |
| 7 | 21 | shale | 250 | 251 | coal | | | |
| 21 | 21.5 | coal | 251 | 265 | shale | | | |
| 21.5 | 80 | shale | 265 | 266 | coal | | | |
| 80 | 98 | lime | 266 | 285 | shale | | | |
| 98 | 103 | shale | 285 | 288 | sand | | | |
| 103 | 107 | lime | | | oil odor | | | |
| 107 | 108 | shale | 288 | 290 | sandyshale | | | |
| 108 | 114 | lime | 290 | 291 | lime | | | |
| 114 | 115 | shale | 291 | 292 | sand | | | |
| 115 | 120 | blk shale | 292 | 295 | sandyshale | | | |
| 120 | 121 | coal | 295 | 302 | sand | | | |
| 121 | 211 | shale | | | oil odor - best | | | |
| 211 | 212 | coal | 302 | 321 | shale | | | |
| 212 | 225 | shale | 321 | 322 | coal | | | |
| 225 | 228 | lime | 322 | 355 | shale | | | |
| 228 | 235 | shale | 355 | | Total Depth | | | |

Kepley Well Service, LLC

19245 Ford Road
Chanute, KS 66720

| | |
|-----------|-----------|
| Date | Invoice # |
| 2/15/2012 | 46596 |

Cement Treatment Report

Lorotta Oil, LLC
543A 22000 Road
Cherryvale, KS 67335

(x) Landed Plug on Bottom at 700 PSI
 () Shut in Pressure 700
 (x) Good Cement Returns
 () Topped off well with _____ sacks
 (x) Set Float Shoe

TYPE OF TREATMENT: Production Casing
 HOLE SIZE: 6 1/2"
 TOTAL DEPTH: 360

| Well Name | Terms | Due Date | | |
|---|-------------|-------------------------------|----------|--|
| | Net 15 days | 2/15/2012 | | |
| Service or Product | Qty | Per Foot Pricing/Unit Pricing | Amount | |
| Run and cement 2 7/8" | 350 | 3.00 | 1,050.00 | |
| Sales Tax | | 7.30% | 0.00 | |
| <div style="border: 2px solid black; border-radius: 15px; padding: 10px; width: fit-content; margin: 0 auto;"> Mechling #B-1 Crawford County Section: Township: Range: </div> | | | | |
| 3150 | | | | |

Hooked onto 2 7/8" casing. Established circulation with 2.5 barrels of water. 2 GPH. MLTSO, COTTONSEED ahead, blended 58 sacks of OWC cement, dropped rubber plug, and pumped 2 barrels of water

| | |
|-------------------------|-------------------|
| Total | \$1,050.00 |
| Payments/Credits | \$0.00 |
| Balance Due | \$1,050.00 |