



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1228923
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 Recompletion Date | Date Reached TD | Completion Date or 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: _____

1228923

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____ | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum |
|--|---|

| 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 Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
| | | | |
| | | | |
| | | | |
| | | | |

| | | | | |
|----------------|-------|---------|------------|---|
| TUBING RECORD: | Size: | Set At: | Packer At: | Liner Run: <input type="checkbox"/> Yes <input 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 <i>(Explain)</i> _____ | | | | | | |
| 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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ | PRODUCTION INTERVAL: _____ _____ |
|--|---|---|

Operator License # 32834
 Operator JTC Oil, Inc.
 Address 35790 Plum Creek Road
 City Osawatomie, KS 66064
 Contractor JTC Oil, Inc.
 Contractor License # 32834
 T.D. 360'
 T.D. of pipe 356'
 Surface pipe size 7"
 Surface pipe depth 20'
 Well Type Production

API # 15-121-30634-00-00
 Lease Name Terbrock
 Well # P-13
 Spud Date 9/10/2014
 Cement Date 9/17/2014
 Location Sec 27 T 17 R 22
 1815 feet from S line
 1155 feet from E line
 County Miami

Driller's Log

| Thickness | Strata | From | To | |
|-----------|----------|------|-----|--------|
| 2 | soil | 0 | 2 | |
| 8 | clay | 2 | 10 | |
| 2 | lime | 10 | 12 | |
| 31 | shale | 12 | 43 | |
| 13 | lime | 43 | 56 | |
| 11 | shale | 56 | 67 | |
| 26 | lime | 67 | 93 | |
| 9 | coal | 93 | 102 | |
| 20 | lime | 102 | 122 | |
| 4 | coal | 122 | 126 | |
| 13 | lime | 126 | 139 | |
| 135 | shale | 139 | 274 | |
| 4 | red bed | 274 | 278 | |
| 20 | shale | 278 | 298 | |
| 2 | oil sand | 298 | 300 | ok |
| 2 | oil sand | 300 | 302 | v-good |
| 2 | oil sand | 302 | 304 | v-good |
| 2 | oil sand | 304 | 306 | v-good |
| 1 | oil sand | 306 | 307 | good |
| 3 | shale | 307 | 310 | |
| 7 | lime | 310 | 317 | |
| 43 | shale | 317 | 360 | |

Hurricane Services, Inc.
 104 Prairie Plaza Parkway
 Garnett, KS 66032
 Office # 785-448-3100
 Toll Free # 855-718-8027



Ticket Nº 50282
 Location _____
 Foreman Dwayne

Cement Service ticket

| Date | Customer # | Well Name & Number | Sec./Township/Range | County |
|----------|------------|--------------------|---------------------|-----------|
| 9/17/14 | | Terbrock P-13 | | Miami |
| Customer | | Mailing Address | City | State Zip |
| JTC Oil | | | | |

Job Type:

| | | | Truck # | Driver |
|-----------------|--------------------|------------------------|---------|--------|
| Long String | Casing T.D. 356 | | 231 | Tom |
| Hole Size: 6" Ø | Casing Size: 2 7/8 | Displacement: | 241 | Amos |
| Hole Depth: 360 | Casing Weight: | Displacement PSI: | 109 | Pete |
| Bridge Plug: | Tubing: | Cement Left in Casing: | 111 | Tyler |
| Packer: | PBTD: | | 25 | Dwayne |

| Quantity Or Units | Description of Services or Product | Pump charge | |
|-------------------|------------------------------------|-----------------|----------|
| 30 mi | Mileage Cement Pump 231 | \$3.25/Mile | 675.00 |
| 30 mi | Forman Ru. 25 | 1.5 | N/C |
| 52 Sacks | OWC Cement | 17.95 | 933.40 |
| 200 Lbs | Prem Gel Flush | .30 Lb | 60.00 |
| 1 hr | Water TRUCK 109 | 84.00 hr | 84.00 |
| 1 hr | Water TRUCK 111 | 84.00 hr | 84.00 |
| | Water Customer Supplied | | |
| 2.44 Tons | Bulk Truck Bulk Delivery 241 | \$1.15/Mile | 150.00 |
| 1 | Plugs 2 7/8 Rubber Plug | | 25.00 |
| | | Subtotal | 1910.43 |
| 2011.40 | 2 Bid Price | Sales Tax | 77.90 |
| - 100.57 5% | | Estimated Total | 1,988.73 |

Remarks: Hooked onto casing and Establish Circulations Pump
 10 BBL Gel Flush Followed By 15 BBL Pad and Start
 Cement Pump 52 Sacks Stop and Flush Pump then Pump
 Wiper Plug to Bottom and Set Float Shoe
 Then Shut In

Customer Signature