

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1322484

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 # | API No. 15 | | | | |
|---|--|--|--|--|--|
| Name: | Spot Description: | | | | |
| Address 1: | SecTwpS. R East West | | | | |
| Address 2: | Feet from North / South Line of Section | | | | |
| City: State: Zip:+ | Feet from _ East / _ West Line of Section | | | | |
| Contact Person: | Footages Calculated from Nearest Outside Section Corner: | | | | |
| Phone: () | □NE □NW □SE □SW | | | | |
| CONTRACTOR: License # | GPS Location: Lat:, Long: | | | | |
| Name: | (e.g. xx.xxxxx) (e.gxxx.xxxxx) | | | | |
| Wellsite Geologist: | Datum: NAD27 NAD83 WGS84 | | | | |
| Purchaser: | County: | | | | |
| Designate Type of Completion: | Lease Name: Well #: | | | | |
| ☐ New Well ☐ Re-Entry ☐ Workover | Field Name: | | | | |
| 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: | Producing Formation: Elevation: Ground: Kelly Bushing: Feet 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 | | | | |
| Operator: | If Alternate II completion, cement circulated from: | | | | |
| Well Name: | feet depth to:w/sx cmt. | | | | |
| 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 #: | 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: | | | | |
| ☐ ENHR Permit #: ☐ GSW Permit #: | Operator Name: | | | | |
| Connection Connection | Lease Name: License #: | | | | |
| Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date | 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: | | | | |



| Operator Name: | | | Lease Name: | | | Well #: | |
|--|---|--|------------------------------------|---|------------------------|------------------|-------------------------------|
| Sec Twp | S. R | East West | County: | | | | |
| open and closed, flow | ring and shut-in pressu | ormations penetrated. Dres, whether shut-in pre | ssure reached stati | c level, hydrosta | tic pressures, bott | | |
| | | tain Geophysical Data a r newer AND an image f | | gs must be ema | iled to kcc-well-lo | gs@kcc.ks.gov | v. Digital electronic log |
| Drill Stem Tests Taken Yes No Log (Attach Additional Sheets) | | | | og Formation (Top), Depth and Datum Sample | | | |
| Samples Sent to Geological Survey Yes No | | | | Э | | Тор | Datum |
| Cores Taken ☐ Yes ☐ No Electric Log Run ☐ Yes ☐ No | | | | | | | |
| List All E. Logs Run: | | | | | | | |
| | | 0.0000 | | | | | |
| | | CASING Report all strings set-c | RECORD Ne conductor, surface, inte | | ion, etc. | | |
| Purpose of String | Size Hole Size Casing Drilled Set (In O.D.) | | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | ADDITIONAL | CEMENTING / SQU | EEZE RECORD | | | |
| Purpose: | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives | | | |
| Perforate Protect Casing | | | | | | | |
| Plug Back TD Plug Off Zone | | | | | | | |
| | | | | | | | |
| Did you perform a hydrau | ulic fracturing treatment or | n this well? | | Yes | No (If No, ski | o questions 2 an | nd 3) |
| | · · | aulic fracturing treatment ex | _ | | | o question 3) | of the ACO 1) |
| was the hydraulic fractur | ring treatment information | submitted to the chemical of | disclosure registry? | Yes | No (If No, fill | out Page Three | of the ACO-1) |
| Shots Per Foot | | N RECORD - Bridge Plug potage of Each Interval Perf | | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| TUBING RECORD: | Size: | Set At: | Packer At: | Liner Run: | Yes No | | |
| Date of First, Resumed | Production, SWD or ENH | R. Producing Meth | | Gas Lift C | Other <i>(Explain)</i> | | |
| Estimated Production Per 24 Hours | Oil B | | Mcf Wate | | | ias-Oil Ratio | Gravity |
| DISPOSITIO | ON OF GAS: | , and a second | METHOD OF COMPLE | TION | | PRODI ICTIC | ON INTERVAL: |
| Vented Solo | | Open Hole | Perf. Dually | Comp. Cor | nmingled | THODOUTIC | ZIN IINI EI IVAE. |
| (Submit ACO-5) (Submit ACO-4) | | | | | | | |

| Form | ACO1 - Well Completion |
|-----------|-----------------------------------|
| Operator | Mid-America Pipeline Company, LLC |
| Well Name | WLM-98 MP 98.31 |
| Doc ID | 1322484 |

All Electric Logs Run

| '-25' 0.00a | |
|----------------|--|
| 0'-35' 1.30a | |
| 0'-45' 2.20a | |
| 0'-55' 1.50a | |
| 0'-65' 1.30a | |
| 0'-75' 0.90a | |
| 0'-95' 0.70a | |
| 00'-105' 1.20a | |
| 10'-125' 2.00a | |
| 30'-135' 1.40a | |
| 40'-145' 1.50a | |
| 50'-155' 1.40a | |
| 60'-165' 1.30a | |
| 70'-175' 1.60a | |
| 80'-185' 1.70 | |
| 90'-195' 1.60 | |
| 00'-205' 0.30 | |
| 10'-215' 1.00a | |
| 20'-235' 1.40a | |
| 40'-265' 2.30a | |
| 70'-275' 3.20a | |
| 80'-285' 3.30a | |

| Form | ACO1 - Well Completion |
|-----------|-----------------------------------|
| Operator | Mid-America Pipeline Company, LLC |
| Well Name | WLM-98 MP 98.31 |
| Doc ID | 1322484 |

Casing

| Purpose Of String | Size Hole Drilled | Size Casing Set | Weight | Setting Depth | Type Of Cement | | Type and Percent Additives |
|----------------------|----------------------|-----------------------|--------|------------------|-------------------|---|----------------------------------|
| Surface | 16 | 10 | 10.808 | 20 | Bentonite | 8 | na |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |