

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1183436

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 | | | | |
| Address 2: | Feet from North / South Line of Section | | | | |
| City: | 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.xxxxxx) | | | | |
| 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 | Producing Formation: | | | | |
| Gas D&A ENHR SIGW | Elevation: Ground: Kelly Bushing: | | | | |
| GSW Temp. Abd. | Total Vertical Depth: Plug Back Total Depth: | | | | |
| CM (Coal Bed Methane) | Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? | | | | |
| Cathodic Other (Core, Expl., etc.): | | | | | |
| If Workover/Re-entry: Old Well Info as follows: | 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 | Drilling Fluid Management Plan | | | | |
| ☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer | (Data must be collected from the Reserve Pit) | | | | |
| Commingled Permit #: | Chloride content: ppm Fluid volume: bbls | | | | |
| ☐ Commingled Permit #: | Dewatering method used: | | | | |
| SWD Permit #: | Location of fluid disposal if hauled offsite: | | | | |
| ENHR Permit #: | · | | | | |
| GSW Permit #: | Operator Name: | | | | |
| | Lease Name: License #: | | | | |
| Spud Date or Date Reached TD Completion Date or Recompletion Date | Quarter Sec. TwpS. 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: | | | | | | |

Page Two



| Operator Name: Lease Na | | | ease Name: _ | Well #: | | | | |
|--|----------------------------------|---------------------------|----------------------------|--------------------------------------|---|---------------------|------------------|--|
| Sec Twp | S. R | East We | est C | County: | | | | |
| INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to | ring and shut-in pres | sures, whether sh | ut-in pressur | e reached stati | c level, hydrosta | tic pressures, bott | | rval tested, time tool erature, fluid recovery, |
| Final Radioactivity Lo files must be submitted | | | | | ogs must be ema | iled to kcc-well-lo | gs@kcc.ks.go | v. Digital electronic log |
| Drill Stem Tests Taken Yes No (Attach Additional Sheets) | | | No | Log Formation (Top), Depth and Datum | | | Sample | |
| Samples Sent to Geological Survey | | | No | Nam | e | | Тор | Datum |
| Cores Taken ☐ Yes ☐ No Electric Log Run ☐ Yes ☐ No | | No No | | | | | | |
| List All E. Logs Run: | | | | | | | | |
| | | (| CASING REC | ORD Ne | ew Used | | | |
| | | · · | | ıctor, surface, inte | ermediate, producti | 1 | | I |
| Purpose of String | Size Hole Drilled | Size Casin Set (In O.D | | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | ADD | ITIONAL CEN | MENTING / SQL | JEEZE RECORD | | | |
| Purpose: Depth Type of Cement # Sacks Us | | Sacks Used | Type and Percent Additives | | | | | |
| Perforate Protect Casing | | | | | | | | |
| Plug Back TD Plug Off Zone | | | | | | | | |
| 1 lag on zono | | | | | | | | |
| Did you perform a hydrau | ulic fracturing treatment | on this well? | | | Yes | No (If No, ski | o questions 2 ar | nd 3) |
| Does the volume of the to | | • | | | | _ ` ` ' | p question 3) | |
| Was the hydraulic fractur | ing treatment information | on submitted to the c | hemical disclo | sure registry? | Yes | No (If No, fill | out Page Three | of the ACO-1) |
| Shots Per Foot PERFORATION RECORD - E Specify Footage of Each I | | | | | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth | | | |
| | | | | | , | | , | · |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| TUBING RECORD: | RECORD: Size: Set At: Packer At: | | Liner Run: | | | | | |
| | | | | | | Yes No | | |
| Date of First, Resumed | Production, SWD or Ef | | cing Method: owing | Pumping | Gas Lift C | other (Explain) | | |
| Estimated Production Per 24 Hours | Oil | Bbls. G | as Mcf | Wate | er Bi | ols. G | as-Oil Ratio | Gravity |
| DIODOCITI | ON OF CAS: | | N 4 - T - 1 | | TION: | | PROPUSTIC | ON INTERVAL. |
| Vented Solo | ON OF GAS: Used on Lease | Open Ho | | IOD OF COMPLE \Box | | nmingled | PRODUCTION | ON INTERVAL: |
| | bmit ACO-18.) | Other (S | necify) | (Submit | | mit ACO-4) | | |