KOLAR Document ID: 1419087

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
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.: |
|---|--|
| Name: | Spot Description: |
| Address 1: | |
| 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: |
| | Producing Formation: |
| ☐ Oil ☐ WSW ☐ SWD | Elevation: Ground: Kelly Bushing: |
| ☐ Gas ☐ DH ☐ EOR | Total Vertical Depth: Plug Back Total Depth: |
| ☐ OG ☐ GSW | Amount of Surface Pipe Set and Cemented at: Feet |
| CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.): | Multiple Stage Cementing Collar Used? |
| If Workover/Re-entry: Old Well Info as follows: | If yes, show depth set: Feet |
| • | If Alternate II completion, cement circulated from: |
| Operator: | • |
| Well Name: | feet depth to: sx cmt. |
| Original Comp. Date: Original Total Depth: | |
| ☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD | Drilling Fluid Management Plan |
| Plug Back Liner Conv. to GSW Conv. to Producer | (Data must be collected from the Reserve Pit) |
| Commingled Permit #: | Chloride content: ppm Fluid volume: bbls |
| Dual Completion Permit #: | Dewatering method used: |
| SWD Permit #: | Location of fluid disposal if hauled offsite: |
| EOR Permit #: | · |
| GSW Permit #: | Operator Name: |
| | Lease Name: License #: |
| Spud Date or Date Reached TD Completion Date or | Quarter Sec. Twp. S. R. East West |
| Recompletion Date Recompletion Date | 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 Drill Stem Tests Received | | | | | | |
| Geologist Report / Mud Logs Received | | | | | | |
| UIC Distribution | | | | | | |
| ALT I II Approved by: Date: | | | | | | |

KOLAR Document ID: 1419087

Page Two

| Operator Name: | | | | | Lease Nam | ne: | | | Well #: | |
|--|--|------------------------------|---------------------------------|--|--|---|------------------------------------|-------------------------------|---|--|
| Sec Tw | pS. F | R [| East | West | County: | | | | | |
| open and closed and flow rates if | , flowing and sh gas to surface t ty Log, Final Lo | nut-in pressurest, along wit | es, whe h final c ain Geo | ther shut-in pre hart(s). Attach physical Data a | essure reached extra sheet if r and Final Electr | station more : ric Loc | level, hydrosta space is needed | tic pressures, d. | bottom hole tempe | val tested, time tool erature, fluid recovery, Digital electronic log |
| Drill Stem Tests Taken Yes (Attach Additional Sheets) | | | | es No | No Log Formation (Top), Depth | | | n and Datum | Sample | |
| Samples Sent to Geological Survey | | | Ye | Yes No | | |) | | Тор | Datum |
| Cores Taken Electric Log Run Geologist Report / Mud Logs List All E. Logs Run: | | | Y€ Y€ | es No | | | | | | |
| | | | | | | | | | | |
| | | | Repo | | RECORD [| Nev | w Used rmediate, producti | on. etc. | | |
| Purpose of String | | Size Hole Siz | | e Casing (In O.D.) | Weight Lbs. / Ft. | | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | ADDITIONAL | OF MENTING / | | | | | |
| Purpose: | [| Depth | Typo | | # Sacks Use | | EEZE RECORD | Typo a | ad Paraant Additivas | |
| Perforate Top Bottom Protect Casing Plug Back TD | | Type of Cement | | # Sacks Oseu | | Type and Percent Additives | | | | |
| Plug Off Z | | | | | | | | | | |
| Did you perform Does the volum Was the hydraul | e of the total base | fluid of the hyd | draulic fra | cturing treatmen | | • | Yes ns? Yes | No (If No | , skip questions 2 an , skip question 3) , fill out Page Three o | , |
| Date of first Produ | ction/Injection or | Resumed Produ | uction/ | Producing Meth | | | Coolift 0 | thor (Fundain) | | |
| Estimated Production Oil Bbls | | | | | Pumping Mcf | | | ther <i>(Explain)</i> bls. | Gas-Oil Ratio | Gravity |
| Per 24 Hours | | Oli Bb | 15. | Gas | IVICI | vvale | ı Di | JIS. | Gas-Oil Hallo | Gravity |
| DISPOSITION OF GAS: METH | | | | | | THOD OF COMPLETION: | | | PRODUCTIO | N INTERVAL: |
| Vented Sold Used on Lease | | | Open Hole Perf. | | | Dually Comp. Commingled (Submit ACO-5) (Submit ACO-4) | | - | Тор | Bottom |
| (If vente | ed, Submit ACO-18 | .) | | | (5 | SUDITIIL I | ACO-5) (SUDI | mit ACO-4) | | |
| Shots Per Foot | Perforation Top | Perforation Bottom | on | Bridge Plug Type | Bridge Plug Set At | | | | acture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used) | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TUBING RECOR | D: Size: | | Set At: | | Packer At: | | | | | |

| Form | ACO1 - Well Completion |
|-----------|---|
| Operator | Larson Engineering, Inc. dba Larson Operating Company |
| Well Name | GLAVES 1 |
| Doc ID | 1419087 |

Casing

| Purpose Of String | Size Hole Drilled | Size Casing Set | Weight | Setting Depth | Type Of Cement | | Type and Percent Additives |
|----------------------|----------------------|-----------------------|--------|------------------|-------------------|-----|--|
| Surface | 12.25 | 8.625 | 25 | 358 | 60-40 poz | 200 | 2% gel, 3% CC |
| Production | 7.875 | 5.5 | 14 | 4530 | 60-40 poz | 125 | 2% gel, 10% salt, 3/4% H- 322 |
| | | | | | | | |
| | | | | | | | |