CORRECTION #1

KOLAR Document ID: 1463759

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: | SecTwpS. R East _ West | | | |
| 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.xxxxx) | | | |
| Wellsite Geologist: | Datum: NAD27 NAD83 WGS84 | | | |
| Purchaser: | County: | | | |
| Designate Type of Completion: | Lease Name: Well #: | | | |
| ☐ New Well ☐ Re-Entry ☐ Workover | Field Name: | | | |
| Oil | Producing Formation: | | | |
| Gas DH EOR | Elevation: Ground: Kelly Bushing: | | | |
| □ og □ GSW | Total Vertical Depth: Plug Back Total Depth: | | | |
| CM (Coal Bed Methane) | Amount of Surface Pipe Set and Cemented at: Feet | | | |
| Cathodic Other (Core, Expl., etc.): | Multiple Stage Cementing Collar Used? Yes No | | | |
| f 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 EOR □ Conv. to SWD □ Plug Back □ Liner □ Conv. to GSW □ Conv. to Producer | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) | | | |
| Commingled Permit #: | Chloride content: ppm Fluid volume: bbls | | | |
| □ Commingled Permit #: 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 TwpS. R East West | | | |
| Recompletion Date Recompletion Date | Countv: 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 III Approved by: Date: | | | | | |

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| Operator Name: | | | | Lease Name | e: | | | Well #: | |
|--|---------------------------------|---|---------------------------------------|--------------------------------------|----------------------|----------------------------------|---|-------------------------------------|---|
| Sec Twp | S. R. | East | West | County: | | | | | |
| and flow rates if gas | owing and shu to surface tes | t-in pressures, whe st, along with final | ether shut-in pre chart(s). Attach | essure reached s extra sheet if m | static le nore sp | evel, hydrosta pace is needed | tic pressures, bot d. | tom hole tempe | val tested, time tool rature, fluid recovery, Digital electronic log |
| files must be submit | | | | | | maet 20 oma | ilou to Roo Woll le | go e noomo.gov | . Digital clockforms log |
| Drill Stem Tests Take | *** | Y | ∕es | | _ Log | Formatio | n (Top), Depth a | | Sample |
| Samples Sent to Ge | eological Surve | ey 🗌 Y | ′es | l N | lame | | | Тор | Datum |
| Cores Taken Electric Log Run Geologist Report / M List All E. Logs Run: | - | Y | res □ No res □ No res □ No | | | | | | |
| | | | | | | | | | |
| | | Rep | CASING ort all strings set-c | RECORD | New , interm | Used | on, etc. | | |
| Purpose of String | | | ze Casing | Weight | | Setting | Type of | # Sacks | Type and Percent Additives |
| | Dri | lled Se | et (In O.D.) | Lbs. / Ft. | | Depth | Cement | Used | Additives |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | ADDITIONAL | CEMENTING / S | SQUEE | ZE RECORD | I | | |
| Purpose: | | pth Type | e of Cement | # Sacks Used | | | Type and F | Percent Additives | |
| Perforate | | Sottom | | | | | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | |
| Protect Casing Plug Back TD | | | | | | | | | |
| Plug Off Zone | | | | | | | | | |
| Did you perform a h | wdraulio fracturi | ng troatment on this | woll? | | | Yes | □ No. (If No. sk | ip questions 2 an | d 2) |
| Does the volume of | - | - | | t exceed 350,000 | gallons' | = | = | ip questions 2 am ip question 3) | u 3) |
| 3. Was the hydraulic fr | acturing treatme | ent information submi | itted to the chemic | al disclosure regis | stry? | Yes | No (If No, fill | out Page Three o | of the ACO-1) |
| Date of first Production | n/Injection or Re | esumed Production/ | Producing Meth | nod: | | | | | |
| Injection: | , | | Flowing | Pumping | Ga | ıs Lift C | ther (Explain) | | |
| Estimated Production Per 24 Hours | 1 | Oil Bbls. | Gas | Mcf | Water | Bi | ols. (| Gas-Oil Ratio | Gravity |
| DISPOSI | TION OF GAS: | | N | METHOD OF COM | /IPLETIC | ON: | | | N INTERVAL: |
| Vented Sc | old Used | on Lease | Open Hole | | ually Co | | nmingled | Тор | Bottom |
| (If vented, S | Submit ACO-18.) | | | (St | ıbmit AC | (Subi | mit ACO-4) | | |
| Shots Per | Perforation | Perforation | Bridge Plug | Bridge Plug | | Acid, | Fracture, Shot, Cer | | Record |
| Foot | Тор | Bottom | Type | Set At | | | (Amount and Kind | of Material Used) | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| TURING RECORD | Qi | 0-1-41 | | Pookor At- | | | | | |
| TUBING RECORD: | Size: | Set At: | | Packer At: | | | | | |

| Form | ACO1 - Well Completion | | | |
|-----------|---------------------------|--|--|--|
| Operator | Murfin Drilling Co., Inc. | | | |
| Well Name | CWA 'F' 1-12 | | | |
| Doc ID | 1463759 | | | |

All Electric Logs Run

| DIL | |
|------|--|
| DUCP | |
| MEL | |
| BHCS | |

| Form | ACO1 - Well Completion |
|-----------|---------------------------|
| Operator | Murfin Drilling Co., Inc. |
| Well Name | CWA 'F' 1-12 |
| Doc ID | 1463759 |

Casing

| Purpose Of String | Size Hole Drilled | Size Casing Set | Weight | Setting Depth | Type Of Cement | Number of Sacks Used | Type and Percent Additives |
|----------------------|----------------------|-----------------------|--------|------------------|-------------------|----------------------------|---|
| Surface | 12.250 | 8.625 | 23 | 345 | Common | 300 | 3% cc, 2% gel |
| Production | 7.875 | 5.500 | 15.5 | 4905 | Hbond, Hcon | 500 | 1/2 # flo- cel,10% salt,5% cal-seal, 1/2 # per SX flo-cel, 1/4 % D- AIR, 3/4% CFR-1 |
| | | | | | | | |
| | | | | | | | |

Summary of Changes

Lease Name and Number: CWA 'F' 1-12

API/Permit #: 15-023-21502-00-00

Doc ID: 1463759

Correction Number: 1

Approved By: Karen Ritter

| Field Name | Previous Value | New Value |
|-----------------------------|---|---|
| Approved Date | 05/29/2019 | 06/20/2019 |
| Producing Method Pumping | No | Yes |
| Save Link | //kcc/detail/operatorE ditDetail.cfm?docID=14 56473 | //kcc/detail/operatorE ditDetail.cfm?docID=14 63759 |