KOLAR Document ID: 1534652

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 | | | | |
| 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 | 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? | | | | |
| 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 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) | | | | |
| | Chloride content: ppm Fluid volume: bbls | | | | |
| ☐ Commingled Permit #: | Dewatering method used: | | | | |
| SWD Permit #: | Location of fluid disposal if hauled offsite: | | | | |
| EOR Permit #: | Location of fluid disposal if flauled offsite. | | | | |
| GSW Permit #: | Operator Name: | | | | |
| | Lease Name: License #: | | | | |
| Spud Date or Date Reached TD Completion Date or | QuarterSecTwpS. 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: | | | | | |

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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 (Attach Addit | | | Ye | es No | | Lo | og Formatio | n (Top), Deptl | n and Datum | Sample |
| Samples Sent to | Geological Sur | vey | Ye | es 🗌 No | | Name |) | | Тор | Datum |
| Cores Taken Electric Log Run Geologist Repor List All E. Logs F | t / Mud Logs | | Y€ Y€ | es No | | | | | | |
| | | | | | | | | | | |
| | | | Repo | | RECORD [| Nev | w Used rmediate, producti | on. etc. | | |
| Purpose of St | | ze Hole Orilled | 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 Protect Casing Plug Back TD | | Type of Cement | | # Jacks Oseu | | d 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) | | |
| , | | - | | Pumping Mcf | g Gas Lift Other (Explain Water Bbls. | | ther (Explain) | Gas-Oil Ratio | Gravity | |
| Per 24 Hours | | Oli Bb | 15. | Gas | IVICI | vvale | ı Di | JIS. | Gas-Oil Hallo | Gravity |
| DISPOSITION OF GAS: METHOD OF COMP | | | | | MPLETION: PRODUCTION INTERVAL: | | | | | |
| Vented Sold Used on Lease | | | | | Oually Comp. Commingled ubmit ACO-5) (Submit ACO-4) | | - | Тор | Bottom | |
| (If vente | ed, Submit ACO-18 | .) | | | (5 | SUDITIIL I | ACO-5) (SUDI | nit ACO-4) | | |
| Shots Per Foot | Perforation Top | Perforation Bottom | on | Bridge Plug Type | Bridge Plug Set At | | | ot, Cementing Squeeze Record ad Kind of Material Used) | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TUBING RECOR | D: Size: | | Set At: | | Packer At: | | | | | |

| Form | ACO1 - Well Completion |
|-----------|---------------------------|
| Operator | Ritchie Exploration, Inc. |
| Well Name | SCHABEN 22BC 3 |
| Doc ID | 1534652 |

Tops

| Name | Тор | Datum |
|-------------|------|-------|
| Anhydrite | 1811 | +361 |
| B/Anhydrite | 1841 | +331 |
| Heebner | 3318 | -1146 |
| Lansing | 3360 | -1188 |
| Lansing C | 3388 | -1216 |
| Lansing D | 3406 | 1234 |
| Lansing F | 3430 | -1258 |
| Lansing H | 3476 | 1304 |
| Lansing J | 3506 | -1334 |
| Lansing K | 3524 | -1352 |
| BKC | 3550 | -1378 |

| Form | ACO1 - Well Completion |
|-----------|---------------------------|
| Operator | Ritchie Exploration, Inc. |
| Well Name | SCHABEN 22BC 3 |
| Doc ID | 1534652 |

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 | 23 | 207 | common | 160 | %cc,3%ge I |
| Production | 7.875 | 4.50 | 10.5 | 3575 | 60/40 pozmix | 160 | 10% salt,2% gel,3/4% CD-31 |
| | | | | | | | |
| | | | | | | | |