KOLAR Document ID: 1401529

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 | | | |
| 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 | 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 | | | |
| 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) | | | |
| Committed at Provider | 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 fladied offsite. | | | |
| GSW Permit #: | Operator Name: | | | |
| <u> </u> | Lease Name: License #: | | | |
| Spud Date or Date Reached TD Completion Date or | Quarter Sec TwpS. 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 | | | |
| | | | |
| 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 Name: | | | Well #: | |
|---|--|-----------------------|------------------------------|--|---------------------------------------|---|---|--|
| Sec Twp. | S. R. | Ea | ast West | County: | | | | |
| | flowing and shu | ıt-in pressures, w | hether shut-in pre | ssure reached st | atic level, hydrosta | tic pressures, bot | | val tested, time tool erature, fluid recovery, |
| Final Radioactivity files must be subm | | | | | | iled to kcc-well-lo | gs@kcc.ks.gov | . Digital electronic log |
| Drill Stem Tests Ta | | | Yes No | | _ | on (Top), Depth ar | | Sample |
| Samples Sent to G | Geological Surv | ey | Yes No | Na | me | | Тор | Datum |
| Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru | _ | | Yes No Yes No Yes No | | | | | |
| | | R | | | New Used | on, etc. | | |
| Purpose of Strir | | Hole | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | | |
| | | | | | | | | |
| | | | ADDITIONAL | CEMENTING / S | QUEEZE RECORD | I | | |
| Purpose: | | epth Ty | pe of Cement | # Sacks Used | Sacks Used Type and Percent Additives | | | |
| Protect Casi | | | | | | | | |
| Plug Off Zon | | | | | | | | |
| Did you perform a Does the volume o Was the hydraulic | of the total base f | luid of the hydraulic | fracturing treatment | _ | = | No (If No, sk | ip questions 2 an ip question 3) out Page Three (| , |
| Date of first Producti Injection: | ion/Injection or Re | esumed Production | / Producing Meth | nod: | Gas Lift 0 | Other (Explain) | | |
| Estimated Production Oil Bbls. Per 24 Hours | | | | | | Gas-Oil Ratio | Gravity | |
| DISPOS | DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL: | | | | | N INTERVAL: Bottom | | |
| | | | | Oually Comp. Commingled Submit ACO-5) (Submit ACO-4) | | Тор | Bottom | |
| , | , Submit ACO-18.) | | | | · · · · · · · · · · · · · · · · · · · | | | |
| Shots Per Foot | Perforation Top | Perforation Bottom | Bridge Plug Type | Bridge Plug Set At | Acid | Fracture, Shot, Cer (Amount and Kind | menting Squeeze I of Material Used) | Record |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| TUBING RECORD: | Size: | Set / | At: | Packer At: | | | | |
| . 5213 (1200) 10. | JIEG. | | | . 30.0.71 | | | | |

| Form | ACO1 - Well Completion | | |
|-----------|------------------------|--|--|
| Operator | RJ Energy, LLC | | |
| Well Name | FLAT ROCK (BEARD) 2 | | |
| Doc ID | 1401529 | | |

Casing

| Purpose Of String | Size Hole Drilled | Size Casing Set | Weight | Setting Depth | Type Of Cement | | Type and Percent Additives |
|----------------------|----------------------|-----------------------|--------|------------------|-------------------|-----|----------------------------------|
| Surface | 9.875 | 7 | 17 | 40 | portland | 10 | |
| Production | 5.625 | 2.875 | 6.5 | 1052 | portland | 120 | |
| | | | | | | | |
| | | | | | | | |

HAMMERSON CORPORATION

PO BOX 189

GAS, KS 66742

Invoice

| Date | Invoice # |
|----------|-----------|
| 1/2/2018 | 11908 |

Bill To

R.J. ENERGY LLC 22082 NE NEOSHO RD GARNETT, KS 66032

| | | P.O. No. | Terms | Project |
|----------------|--|----------|-----------------------------|-----------|
| | | | Due on receipt | |
| Quantity | Description | | Rate | Amount |
| | WELL MUD (\$8.00 PER SACK) COFFEY COUNTY SALES TAX (WELL MUD) TRUCKING (\$50 PER HOUR) COFFEY COUNTY SALES TAX WELL FLAT ROCK 2 | | 8. 6.50% 50. 6.50% | 00 75.0 |
| ank you for yo | ur business. | | Total | \$1,102.2 |



RJ Energy

22082 NE Neosho Rd Garnett, Kansas 66032

Flat Rock 2

| | | | Start 12-15-17 |
|-----------|-----------------|------------|-----------------------------|
| 4 | soil | 4 | Finish 12-19-17 |
| 17 | clay/gravel | 21 | |
| 2 | lime | 23 | |
| 189 | shale | 212 | |
| 44 | lime | 256 | |
| 38 | shale | 294 | |
| 55 | lime | 349 | |
| 20 | shale | 369 | Set 40' of 7" w/10sxs |
| 10 | \mathbf{lime} | 379 | Ran 1052.8' 2 1/8 |
| 8 | shale | 387 | cemented to surface 120 sxs |
| 88 | lime | 475 | |
| 56 | shale | 531 | |
| 59 | lime | 590 | |
| 4 | shale | 594 | |
| 44 | \mathbf{lime} | 638 | |
| 170 | shale | 808 | |
| 36 | \mathbf{lime} | 844 | |
| 52 | shale | 896 | |
| 36 | lime | 932 | |
| 15 | shale | 947 | |
| 6 | \mathbf{lime} | 953 | |
| 15 | shale | 968 | |
| 6 | \mathbf{lime} | 974 | |
| 7 | shale | 981 | |
| 6 | lime | 987 | |
| 37 | shale | 1024 | |
| 9 | bkn sand | 1033 | good show |
| 2 | dk sand | 1035 | show |
| 23 | shale | 1058 | T.D |