KOLAR Document ID: 1415695

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 |
| 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.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 | Producing Formation: |
| | EOR | Elevation: Ground: Kelly Bushing: |
| | 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 for | ollows: | 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 |
| | nit #: | Dewatering method used: |
| | mit #: mit #: | Location of fluid disposal if hauled offsite: |
| | nit #: | Location of fluid disposal if flauled offsite. |
| | mit #: | Operator Name: |
| | | Lease Name: License #: |
| Spud Date or Date Reached | TD Completion Date or | Quarter Sec TwpS. R |
| 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 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 | | Type and F | 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 Per 24 Hours | on | Oil Bbls. | | | | | Gas-Oil Ratio | Gravity |
| DISPOS | SITION OF GAS: | | N | METHOD OF COMP | LETION: | | | N INTERVAL: Bottom |
| | _ | on Lease | Open Hole | | | mmingled mit 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: | | | | |
| . 5513 (1200) 10. | JIEG. | | | . 30.0.71 | | | | |

| Form | ACO1 - Well Completion |
|-----------|------------------------|
| Operator | Crawford Oil LLC |
| Well Name | FEEBECK-THOMPSON C-4 |
| Doc ID | 1415695 |

Casing

| Purpose Of String | Size Hole Drilled | Size Casing Set | Weight | | Type Of Cement | | Type and Percent Additives |
|----------------------|----------------------|-----------------------|--------|-----|-------------------|----|----------------------------|
| Surface | 9 | 6.5 | 10 | 20 | Portland | 3 | 50/50 POZ |
| Production | 5.875 | 2.875 | 8 | 410 | Portland | 45 | 50/50 POZ |
| | | | | | | | |
| | | | | | | | |

DRILL LOG

| Operator License# 32428 | API # 15-121-31491-00-00 |
|---------------------------------------------|---------------------------------|
| OperatorCrawford Oil LLC | Lease Feebeck |
| Address 30842 Indianapolis Rd. | Well # C-4 |
| Contractor JTC Oil, Inc. | Spud Date 7/9/18 Cement 7/12/18 |
| Contractor License 32834 | Location of |
| T.D. 420 T.D. of Pipe 410 | feet from |
| Surf. Pipe Size 6.5" Depth ft. 20 ft. | feet from |
| Kind of Well Production $\Im_{\leq \infty}$ | County Miami |

| Thickness | Strata | From | То | Thickness | Strata | From | То |
|-----------|--------|------|-----|-----------|----------|-------------|--------|
| 2 | soil | 0 | 2 | 22 | lime | 181 203 | |
| 16 | clay | 2 | 18 | 5 | coal | 203 208 | |
| 5 | shale | 18 | 23 | 13 | lime | 208 221 | |
| 29 | lime | 23 | 52 | 141 | shale | 221 362 | |
| 23 | shale | 52 | 75 | 2 | oil sand | 362 364 | v good |
| 6 | lime | 75 | 81 | 3 | oil sand | 364 367 | v good |
| 42 | shale | 81 | 123 | 3 | oil sand | 367 370 | v good |
| 14 | lime | 123 | 137 | 3 | oil sand | 370 373 | v good |
| 9 | shale | 137 | 146 | 11 | oil sand | 373 374 | good |
| 27 | lime | 146 | 173 | 1 | lime oil | 374 375 | ok |
| 8 | coal | 173 | 181 | 4 | sand/sha | ıle 375 379 | ok |

| 7 | shale | 379 | 386 |
|----|-------|-----|-----|
| 14 | lime | 386 | 400 |
| 20 | shale | 400 | 420 |



PRESSURE PUMPING LLC
PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

5m - 11124 PO- 17377 FT- 11016

LOCATION OHAWA, KS
FOREMAN Casey Kennely

FIELD TICKET & TREATMENT REPORT CEMENT

| DATE | CUSTOMER# | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------|--------------------------------|
| 7/12/18 | 2571 | Feebeck # C-4 | SW 29 | 17 | 22 | Ш |
| CUSTOMER MAILING ADDRI 300 CITY Paola JOB TYPE 10 CASING DEPTH SLURRY WEIGH DISPLACEMENT REMARKS: he 6 el 40 1 ceulus | 2571 autord, BY2 India mostring 1410' 1237 Ws | Feebeck # C-4 Keith Mapolis Rd STATE ZIP CODE BGOTH HOLE SIZE 57/8 M HOLE DRILL PIPE TUB SLURRY VOL WAT DISPLACEMENT PSI MIX MERLY C STABLES WAT FEBSOL PET SE | TRUCK# 729 467 548 675 LE DEPTH 420' ING TER gal/sk PSI ed Circulation ster, mixed t | DRIVER Cas Ken Kei Car Ala Mad Har Rec CASING SIZE & V CEMENT LEFT IT RATE 4 bp Mixed to | TRUCK # V Safety VEIGHT 29/ OTHER CASING PUMPED US SES | DRIVER Meding 100# Thisolders |
| ressured | | o PSI, released p | | of floot u | | 2 |
| | | | | | 24 | } |
| | | | | | / / | |

| ACCOUNT CODE | QUANITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|-----------------|------------------|------------------------------------|-----------------|---------|
| Œ0450 | | PUMP CHARGE | 1500.00 | |
| CE0003 | | MILEAGE | | |
| CE0711 | 1/2 min | You rileage | 230.00 | |
| WE0853 | 120 | 80 Vac | 100.00 | |
| | | trucke | 1930.00 | |
| | | -40% | 772.00 | |
| | | Subtatal | | 115800 |
| C5860 | 45 sks | This obland I cornect | 1125.00 | |
| CC\$965 | 100 # | Gel | 30.00 | |
| CLLO75 | 11 4 | Floor | 20.00 | |
| CP8176 | 1 | 25" robber plag | 45.00 | |
| | | Materials | 1222 00 | |
| | | - 40% | 488.80 | |
| | | Subjotal | | 733.20 |
| | | ED | 1 | |
| | | SCANNA | | |
| | | 89 | SALES TAX | 58.66 |
| Ravin 3737 | 7, | | ESTIMATED TOTAL | 1949.86 |
| ALITHORIZTION | | TITLE | DATE (| 3249.7 |

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's