KOLAR Document ID: 1588104

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 |
| 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) |
| Described | 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 | 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.go\ | . Digital electronic log | |
| Drill Stem Tests Ta | | | Yes No | | _ | on (Top), Depth ar | | Sample | |
| Samples Sent to Geological Survey | | | | | | | | 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 | Jsed 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 Per 24 Hours | on | Oil Bbls. | | | | bls. (| 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: | | | | | |
| . 5213 (1200) 10. | JIEG. | | | . 30.0.71 | | | | | |

| Form | ACO1 - Well Completion |
|-----------|------------------------|
| Operator | McGown Drilling, Inc. |
| Well Name | DIRTY HARRY 6 |
| Doc ID | 1588104 |

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 | 22 | А | 6 | N/A |
| Production | 5.875 | 2.875 | 6.5 | 472 | Econobon d | 52 | N/A |
| | | | | | | | |
| | | | | | | | |



Mound City, KS 620.224.7406

| | | | | | | | | | | | 620.224.7406 |
|------------|------------|------------|----------|---------------------|-------|-------------|---------|---------|-----------|--------|--------------|
| | | We | ell# | | | | | | Cas | ing | |
| | | Dirty H | arry #6 | 6 | | | | Surface | | | Longstring |
| | McC | Gown D | rilling. | . Inc. | | | Size: | 7.0 | " | Size: | 2 7/8 " |
| | | | 0, | , | | | Tally: | 22 | | Tally: | 472.2 ' |
| API #: | 15-107 | 7-25352 | S-T-R: | 14-22-23E | | | Cement: | | SX | Bit: | 5.875 " |
| County: | Linn | | Date: | 6/16/2021 | | | Bit: | 9.875 | " | Date: | 6/18/2021 |
| Тор | Base | Form | ation | | | Тор | Base | Form | nation | | |
| 0 | 2 | Soil | | | | Т | Dusc | 10111 | ideloli | | |
| 2 | 9 | Clay | | | | | | | | | |
| 9 | 14 | Lime | | | | | | | | | |
| 14 | 18 | Shale | | | | | | | | | |
| 18 | 20 | Lime | | | | | | | | | |
| 20 | 75 | Shale | | | | | | | | | |
| 75 | 91 | Lime | | Slight odor in top. | | | | | | | |
| 91 | 104 | Shale | | | | | | | | | |
| 104 | 108 | Lime | | | | | | | | | |
| 108 | 111 | Shale | | | | | | | | | |
| 111 | 117 | Sand | | Slight bleed, good | odor. | | | | | | |
| 117 | 150 | Shale | | | | | | | | | |
| 150 | 168 | Lime | | 20' | | | | | | | |
| 168 | 170 | Blk. Shale | e | | | | | | | | |
| 170 | 179 | Shale | | | | | | | | | |
| 179 | 181 | Lime | | 5' | | | | | | | |
| 181 | 216 | Shale | | | | | | | | | |
| 216 | 223 | Sand | | | | | | | | | |
| 223 | 278 | Grey sha | le | | | | | | | | |
| 278 | 279 | Lime | | | | | | | | | |
| 279 | 318 | Shale | | | | | | | | | |
| 318 319 | 319 334 | Lime | | | | | | | | | |
| 334 | 336 | Lime | | | | | | | | | |
| 336 | 432 | Shale | | | | | | Sand | / Core Do | atail | |
| 432 | 457 | Sand | | Fair Oil Show. | | Core #1: | | | Core #2: | | |
| 457 | 458 | Coal | | run on show. | | COIC III 2. | | | 0010 1121 | | |
| 458 | | Shale | | | | | | | | | |
| 475 | | TD | | | | | | | | | |
| | | | | | | | | | | | |
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| | | | | | | | | | | | |
| | | | | Total Depth: | 4 | 475' | | | | | |



| CEMENT TRE | ATMEN | T REPO | ORT | | | | | | - Cust | | |
|---------------------------|--|---------------|----------|--|----------------|---|---------------|---|-------------|-----------------------|--|
| Gustomer: McGown Drilling | | | | Well: | Dirty Harry 6 | | | | Ticket: | EP2083 | |
| City, State: | Mound C | City, KS | | County: | | LN, KS Date: | | | Date: | 6/18/2021 | |
| Field Rep | Field Rep: Chris McGown S-T-R: 11-22-23 Service: | | | | | | | longstring | | | |
| - 6 | | | | | | | | | | | |
| Downhole | Commence of the same see | n | | Calculated S | Slurry - Lea | d | | | Calc | culated Slurry - Tail | |
| Hole Size: | 5 7/8 | in | | Blend: | | | | | | | |
| Hole Depth: | | ft | | Weight: 13.52 ppg Weight: | | | | | | ppg | |
| Casing Size: | | | | Water / Sx: | 7.12 | gal / sx | | V | gai/sx | | |
| Casing Depth: | | ft | | Yield: | 1.56 | ft³/sx | + | | ft³/sx | | |
| Tubing / Liner: | | in | | Annular Bbis / Ft.: | | bbs / ft. | | Annular | Bbls / Ft.: | bbs / ft. | |
| Depth: | | ft | | Depth: | | ft | | | Depth: | ft | |
| Tool / Packer: | | | | Annular Volume: | 0.0 | bbls | | Annula | r Volume: | 0 bbis | |
| Tool Depth: | | ft | | Excess: | | | | | Excess: | | |
| Displacement | 2.73 | bbls | | Total Slurry: | 14.45 | | | | tal Slurry: | 2007/20 (OCCOMMON) | |
| TIME DATE | nei | STAGE BBLs | TOTAL | Total Sacks: | 52 | sx | | То | tal Sacks: | 0 sx | |
| TIME RATE | PSI | DDLS | BBLs | The state of the s | | | | | | | |
| 12:30 PM | - | - | - | on location, held safet | y meeting | | | | | | |
| 4.0 | | | <u> </u> | established circulation | | | | | | | |
| 4.0 | <u> </u> | | | mixed and pumped 100 | | Cal followed | by 4 bble fro | sch water | | | |
| 4.0 | | | | mixed and pumped 52 | | | | | | | |
| 4.0 | | | | flushed pump clean | SKS ECONODA | ma cement, co | ement to sur | lace | | | |
| 1.0 | | | | pumped 2 7/8" rubbber | r plug to cas | ing TD w/ 2 73 | hhle fresh u | water | | | |
| 1.0 | | | | pressured to 800 PSI | plug to cas | mg 15 W 2.10 | DDIS ITESITY | water | | T | |
| 1 | | | | well held pressure | | | | *************************************** | ~ | | |
| | | | | released pressure to s | et float valve | • | | | | | |
| 4.0 | | | | washed up equipment | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | 10-00 | | | | |
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| | | | | | | | - Inches | | | | |
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| | | | | | | | | | | | |
| | CREW | - | | UNIT | | EDANTELES | | | SUMMAR | | |
| Cementer | | y Kenned | ly | 89 | | Averag | | Average P | | Total Fluid | |
| Pump Operator | | ett Scott | | 239 | | 3.1 | bpm | <u> </u> | psi | - bbls | |
| Bulk H2O | | Foltz | | 247 | | | | | | | |

ftv: 15-2021/01/25 mplv: 181-2021/06/11