Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1188862

Form ACO-1 August 2013 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. 15 |
|---|---|
| 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: () | |
| 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: |
| | Elevation: Ground: Kelly Bushing: |
| Gas D&A ENHR SIGW | Total Vertical Depth: Plug Back Total Depth: |
| GG GSW Temp. Abd. | Amount of Surface Pipe Set and Cemented at: Feet |
| CM (Coal Bed Methane) 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 SWD | |
| Plug Back 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 |
| Dual Completion Permit #: | Dewatering method used: |
| SWD Permit #: | Location of fluid disposal if hauled offsite: |
| ENHR Permit #: | |
| GSW Permit #: | Operator Name: |
| | Lease Name: License #: |
| Spud Date or Date Reached TD Completion Date or | Quarter Sec Twp S. 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 |
| Geologist Report Received |
| UIC Distribution |
| ALT I II Approved by: Date: |
| |

| | Page Two | 1188862 |
|--|----------------------------------|---|
| Operator Name: | _ Lease Name: | Well #: |
| Sec TwpS. R East _ West | County: | |
| INCTRUCTIONS: Chause important tang of formations paratrated | atail all aaraa Banart all final | apping of drill stome tools giving interval toolad, time tool |

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

| Drill Stem Tests Taken (Attach Additional She | eets) | Yes No | | - | on (Top), Depth a | | Sample |
|--|----------------------|------------------------------|----------------------|------------------|-------------------|-----------------|-------------------------------|
| Samples Sent to Geolog | gical Survey | Yes No | Nam | 9 | | Тор | Datum |
| Cores Taken Electric Log Run | | ☐ Yes ☐ No ☐ Yes ☐ No | | | | | |
| List All E. Logs Run: | | | | | | | |
| | | | RECORD Ne | | ion, etc. | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | ADDITIONAL | CEMENTING / SQU | EEZE RECORD | | | |
| Purposo: | Denth | | | | | | |

| Purpose: Perforate | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
|-----------------------|---------------------|----------------|--------------|----------------------------|
| Protect Casing | | | | |
| Plug Back TD | | | | |
| Plug Off Zone | | | | |
| | | | | |

No

| Did you perform a hydraulic fracturing treatment on this well? | Yes |
|---|-----|
| Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? | Yes |
| Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? | Yes |

| No | (If No, skip questions 2 and 3) |
|----|---------------------------------|
| No | (If No, skip question 3) |

(If No, fill out Page Three of the ACO-1)

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | | | | | e | | Acid, Fracture, Shot, Ce (Amount and Kind | ement Squeeze Record of Material Used) | Depth |
|--------------------------------------|---|------------------------|---------|-------------------------------------|---------|---------------------|----------|--|---|---------|
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TUBING RECORD: | Siz | re: | Set At: | | Packer | r At: | Liner R | un: | No | |
| Date of First, Resumed | Producti | on, SWD or ENHR. | | Producing M | lethod: | ping | Gas Lift | Other (Explain) | | |
| Estimated Production Per 24 Hours | | Oil Bbls | 5. | Gas | Mcf | Wate | er | Bbls. | Gas-Oil Ratio | Gravity |
| DISPOSITI | ON OF G | AS: | | | | | | | PRODUCTION IN | TERVAL: |
| Vented Solo (If vented, Sul | | Jsed on Lease -18.) | | Open Hole Other <i>(Specify)</i> | Perf. | Uually (Submit) | , | Commingled (Submit ACO-4) | | |

| Lease Name: David Bedenb | | Surface Pipe Size: 8" | Depth: 20' | TD: 966 |
|--------------------------|----------------------------|-----------------------|------------|---------|
| Operator: Ron-Bob Oil | Well #4 | Bit Diameter: 6 3/4" | | |
| | | | | |
| ootage taken | Sample type | | | |
|)_7 | soil | | | |
| | lime | | | |
| | shale | | | |
| 58_160 | lime | | | |
| 60_164 | shale | | | |
| 64_208 | lime | | | |
| | shale | | | |
| 08_237 | | | | |
| 37_239 | lime | | | |
| 39_283 | shale | | | |
| 283_385 | lime | | | |
| 85_389 | shale | | | |
| 89_398 | lime | | | |
| 98_596 | shale | | | |
| 96_599 | lime | | | |
| 99_625 | shale | | | |
| 625_634 | lime | | | |
| 34_676 | shale | | | |
| 576_734 | lime | | | |
| 34_740 | shale | | | |
| 740_746 | lime | | | |
| 46_752 | shale | | | |
| 752_800 | lime | | | |
| 800_810 | broken oil sand | | | |
| 310_885 | sandy shale | | | |
| 385_890 | light brown sand odor | | | |
| 390_905 | light brown sand bleed | | | |
| | oil sand ok bleed | | | |
| 905_915 | good oil sand "sugar sand" | | | |
| 915_925 | oil sand | | | |
| 925_940 | oil sand less oil | | | |
| 940_966 | | | | |
| | 966 TD | | | |
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Hurricane Services, ...c. 3613 A Y Road Madison, KS 66860 Office # 620-437-2661 Brad Cell # 620-437-6765



| Ticket Number_ | 100310 |
|----------------|-------------|
| Location | Madison |
| Foreman | Brad Butter |

Cement Service ticket

| Date | Customer # | Well Name & Number | Sec./Township/Range | County |
|----------|------------|------------------------|---------------------|--------|
| 9-5-13 | | David Beden hender # 4 | 5-24-18E | Allen |
| Customer | | Mailing Address | City State | Zip |
| RON-BO | boil uc | | | |

| Job Type: | LONGSTRUG | | Truck # | Driver |
|--|---------------------------------------|---------------------------|----------------|-----------|
| | | | 201 | Kelly |
| Hole Size: 63/4" | Casing Size: 41/4" | Displacement: 15,25 Blus | 201 202 | Jerry |
| Hole Depth: 966- | Casing Weight: Used Pip- | Displacement PSI: 500 | 106 | Charlie |
| Bridge Plug: | Tubing: | Cement Left in Casing: o- | 143-151 | Mark |
| Packer: | PBTD: 960- | | | |
| Quantity Or Units | Description of | l Servcies or Product | Pump charge | 790.00 |
| 40 | Mileage | | \$3.25/Mile | /30,00 |
| | - | | | |
| 102 SACKS | Quick Set Cemer | | 17.90 | 1,825,80 |
| 510 1bs, | KOI-SEAL 5"PO/SH | <u>ر</u> | ,55 | 280,50 |
| 200 1bs. | Geh Flush | | , 30 | 60.00 |
| 4 Hrs | WAT & Truck | | 84.00 | 336,00 |
| 4 Hrs. | WATE Transport | | 105,00 | 420.00 |
| 6700 GAL | WATEr | | 13.00 PV/000 | \$7.10 |
| 40 miles | Truck #290 | | 1.50 | 60,00 |
| | Wireline Services | | 50.00 | N/C |
| Tons | Bulk Truck > minimum che | vj-c | \$1.15/Mile | 250,00 |
| / | Plugs 41/2" Top Rubber | | 38.00 | 38.00 |
| an a | , , , , , , , , , , , , , , , , , , , | | Subtotal | 4,277,40 |
| | | 7.470 | Sales Tax | 169,56 |
| | | | Estimated Tota | 1 4446.96 |

Remarks: Rig unto 41/2" casing Taged FlogTshoe at 960 by which we

Break CNCulation with 5 Bbls WATER, 10 Bbl, Gel Flush, criculated Gelarand To condition Hole. Pumped 9 Bbl. Byc WATEr Ahread, Mixed 102,5K3. Quick Serven at 1/5" 15" K of Kol-SEAL, Shutchieve WAShout Pump & Lines. Release Plug " Displaced Plug with 1514 Bbls WATER. Final Pumping at 500 RST

Bumped Plug To 1000 RSI, WAIT a Gew MMUTES - Release Acssure - Float Held - close cashing Iww/ ORSI

Good commit returns with 5 Bb story

"Thank you"

witnessed by Ron

Customer Signature

shinested and works