Confidentiality Requested: Yes No

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

1195148

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 Dorth / 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.xxxx) (e.gxxx.xxxx) |
| 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) | Multiple Stage Cementing Collar Used? Yes No |
| Cathodic Other (Core, Expl., etc.): | |
| 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 ENHR Conv. to SWD | Drilling Fluid Management Plan |
| Plug Back Conv. to GSW Conv. to Producer | (Data must be collected from the Reserve Pit) |
| | Chloride content: ppm Fluid volume: bbls |
| Commingled Permit #: Dual Completion Permit #: | Dewatering method used: |
| Dual Completion Permit #: SWD Permit #: | Leastion of fluid dispaced if housed effects |
| ENHR Permit #: | Location of fluid disposal if hauled offsite: |
| GSW Permit #: | Operator Name: |
| | Lease Name: License #: |
| Spud Date or Date Reached TD Completion Date or | Quarter Sec Twp S. R East _ West |
| Spud Date or Date Reached TD Completion Date or 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 III Approved by: Date: |

| | Page Iwo | 1195148 | | | |
|---|---------------------------------|--|--|--|--|
| Operator Name: | Lease Name: | Well #: | | | |
| Sec TwpS. R East _ West | County: | | | | |
| INCTOLICTIONS. Chow important tang of formations papatrated | Datail all aaroo Bapart all fin | al conice of drill stome tests giving interval tested, time test | | | |

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 Sheets) | | Yes No | | og Formatio | on (Top), Depth a | nd Datum | Sample | |
|--|----------------------|------------------------------|----------------------|------------------|-------------------|-----------------|-------------------------------|--|
| Samples Sent to Geolog | ical Survey | Yes No | Name | • | | Тор | Datum | |
| Cores Taken Electric Log Run | | ☐ Yes ☐ No ☐ Yes ☐ No | | | | | | |
| List All E. Logs Run: | | | | | | | | |
| | | | | | | | | |
| | | | RECORD New | | on, 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 | | | | |
| _ | | | | | | | | |

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

| 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 |

| Yes | No |
|-----|----|
| Yes | No |
| Yes | No |

(If No, skip questions 2 and 3) (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 | | | | | е | | | ement Squeeze Record I of Material Used) | Depth |
|--------------------------------------|---|------------------|-------------------|-----------------|--------|-----------|----------------|----------------------|---|---------|
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TUBING RECORD: | Siz | ze: | Set At: | | Packer | At: | Liner F | Run: | No | |
| Date of First, Resumed | I Product | ion, SWD or ENHF | ٦. | Producing Me | ethod: | ping | Gas Lift | Other (Explain) | | |
| Estimated Production Per 24 Hours | | Oil Bb | ls. | Gas | Mcf | Wate | ər | Bbls. | Gas-Oil Ratio | Gravity |
| | | | | | | I | | | 1 | |
| DISPOSITION OF GAS: | | | METHOD OF COMPLET | | ETION: | | PRODUCTION INT | PRODUCTION INTERVAL: | | |
| Vented Sold Used on Lease | | | | Open Hole | Perf. | Dually | | | | |
| (If vented, Su | ıbmit ACC | D-18.) | | Other (Specify) | | (Submit / | ACO-5) | (Submit ACO-4) | | |

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

| Form | ACO1 - Well Completion |
|-----------|-------------------------|
| Operator | D & Z Exploration, Inc. |
| Well Name | Donovan #I-16 |
| Doc ID | 1195148 |

Casing

| Purpose Of String | Size Hole Drilled | Size Casing Set | U U | Setting Depth | Type Of Cement | | Type and Percent Additives |
|----------------------|----------------------|-----------------------|-----|------------------|-------------------|-----|----------------------------------|
| Surface | 9.825 | 7 | 20 | 20 | Portland | 10 | None |
| Production | 5.625 | 2.825 | 6.2 | 914 | 50/50 poz | 140 | None |
| | | | | | | | |
| | | | | | | | |

| CONSOLIDATED Oil Well Services, LLC | REMIT TO Consolidated Oil Well Serv Dept. 970 P.O. Box 4346 Houston, TX 77210-4 | F Chanute 620/431-9210 • 1-80 | NIN OFFICE 20. Box 884 e, KS 66720 00/467-8676 20/431-0012 | |
|--|--|--|--|---|
| INVOICE | | | Invoice # | 266180 |
| Invoice Date: 02/27/2014 | Terms: 0/0/30,n/30 | | ============== Pa | ====== ge 1 |
| D & Z EXPLORATION 901 N. ELM ST. P.O. BOX 159 ST. ELMO IL 62458 (618)829-3274 | 4260 NE 2 | VAN I-16 5 8-14-22 5-2014 | | |
| 1118BPREMIU1111SODIUM1110AKOL SE | ption POZ CEMENT MIX M GEL / BENTONITE CHLORIDE (GRANULA AL (50# BAG) RUBBER PLUG | 140.00 335.00 | .3900 .4600 | 1610.00 73.70 |
| Description 369 80 BBL VACUUM TRUCK (495 CEMENT PUMP 495 EQUIPMENT MILEAGE (ON 495 CASING FOOTAGE 503 MIN. BULK DELIVERY | | Hours 2.00 1.00 30.00 915.00 1.00 | 4.20 | Total 180.00 1085.00 126.00 .00 368.00 |

1

| | | | =========== | | | | | |
|--------|---------|-----------|-------------|-----------|---------|----|--------|---------|
| Parts: | 2140.89 | Freight: | .0 |) Tax: | 157.90 | AR | | 4057.79 |
| Labor: | .00 | Misc: | .0 | 0 Total: | 4057.79 | | | |
| Sublt: | .00 | Supplies: | .0 | 0 Change: | .00 | | | |
| | | | | | | | ====== | |

 Signed______
 Date______

 BARTLESVILLE, OK 918/338-0808
 EL DORADO, KS 316/322-7022
 EUREKA, KS 620/583-7664
 PONCA CITY, OK 580/762-2303
 OAKLEY, KS 785/672-8822
 OTTAWA, KS 785/672-8822
 THAYER, KS 620/839-5269
 GILLETTE, WY 307/686-4914
 CUSHING, OK 918/225-2650

266180

CONSOLIDATED

Oil Well Services, LLC

TICKET NUMBER 42605

LOCATION OXTAWalks

FOREMAN Fred Mader

| DATE | | | | CEME | | | | |
|---|---------------------------|--|---|---|---|--------------------------|--------------------|---|
| BATE | CUSTOMER # | WE | L NAME & NUM | | SECTION | TOWNSHIP | RANGE | COUNTY |
| 2.25.14 3392 Do | | Donav | novan # I-16 | | NE 28 | 14 | 22 | 20 |
| USTOMER | | | | | | | | |
| | z = yp | oraxio, | 1 | - | TRUCK # | DRIVER | TRUCK # | DRIVER |
| | | <i>c</i> .1 | | | 7/2 | FreMad | | |
| - <u>901</u> | N Elm | STATE | ZIP CODE | - | -195 | HarBec | | |
| | mo | TL | 62458 | | 369 | Dermas | | |
| | | | 575 | | 503 | Kilar | | E . E |
| | 1 st | HOLE SIZE | 5 10 | | TH_955 | CASING SIZE & W | EIGHT 2/8 | EVE |
| ASING DEPTH | | DRILL PIPE | . ' | | | | OTHER | <u>N.</u> |
| LURRY WEIGH | | SLURRY VOL | | WATER gal | l/sk | CEMENT LEFT in | | Plug |
| | T_5.32 BOU | | | MIX PSI | | RATE SBP | | |
| EMARKS: H | old cre | | ety me | etine. | Establish | Jump ra | L. Mixt | Pump |
| 100 | | -lusk. | MixXI | Punip. | 140 SKS | 50/50 Por M | | |
| 2% | Gel 5% 4 | salt 5 | # Kals | eal/sk | · Cement | Yo SUIT | face, Flu | shi |
| pyn | np + 1 mes | s clea | m. Pis | place | 2'2" Rub | ber plug | to casiv | |
| pr | essule | 40 80 | 0 * PS1 | · 170/ | d & Mon | | ssure fo | r |
| 30 | min mi | T, Rel | rase pr | CSSHVE | to set - | Float. Valu | e. Shi | tin |
| Cas | inc. | L | | | 4 | | | |
| | 0 | • | | | | / . | | |
| - Eu | ans Ene | ergy D | er. Inc- | - Travi | 5 | Treedy | Malai | |
| | | | | | | | | |
| | | 10 | · · · · | | <u> </u> | - / -un- | ingen | |
| ACCOUNT | QUANITY o | 10 | · T | | | | | TOTAL |
| CODE | QUANITY o | 10 | DE | ESCRIPTION | of SERVICES or PR | | | TOTAL |
| CODE 540 (| | or UNITS | DE PUMP CHARG | ESCRIPTION | | .495 | UNIT PRICE | 1085 |
| CODE 540(5406 | | 10 | DE | ESCRIPTION | | | UNIT PRICE | 1085 |
| CODE 540 (| | or UNITS / 30 m i /5 | DE PUMP CHARG | | of SERVICES or PR | .495 | | 1085° 126° 126° |
| CODE 540(5406 | | or UNITS / 30 m i /5 | PUMP CHARG | | of SERVICES or PR | .495 | UNIT PRICE | 1085 126 126 20/c 3689 |
| CODE 540(5406 5402 | 9 Minimo | or UNITS / 30 m i /5 | PUMP CHARG | ESCRIPTION GE C Loota Miles | of SERVICES or PR | 495 495 503 | UNIT PRICE | 1085 126 126 20/c 3689 |
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| CODE 540(5402 5402 5407 5502C | minime ninime | 2 hrs | PUMP CHARGE MILEAGE Castry You R & B SO/SO | ESCRIPTION SE <u>Acove</u> <u>Miles</u> <u>BL</u> Va Por. Min | of SERVICES or PR 27e 2 Truck x Cement | 495 495 503 | UNIT PRICE | 1085 126 126 126 10/C 368 180 1 |
| CODE 540(5402 5402 5407 5502C //24 1/18B | 9 minime 1 3 | 1 30 m i 15 5 5 7 2 h r s 40 s ks 35 40 s ks | PUMP CHARG MILEAGE Casive Ton 80 B SO/50 Premi | ESCRIPTION SE Miles BL Va Por Mis Om Cu | of SERVICES or PR 27e 2 Truck x Cement | 495 495 503 | | 1085° 106° 106° 180° 180° |
| CODE 540(5402 5402 5407 5502C 1/24 1/18B 1/18B | 9 minimo 1 3 | 1 30 m i 15 5 5 7 2 h r s 40 s Ks 35 40 s Ks 40 s K | PUMP CHARGE MILEAGE Casiry You P & B SO/SO Premi | ESCRIPTION SE Miles BL Va Por Min Om Cu | of SERVICES or PR 27e 2 Truck x Cement | 495 495 503 | | 1085° 106° 106° 368° 180° 180° |
| CODE 540(5402 5402 5407 55020 1/24 1/18B 1/18B 1/110H | 9 minimo 1 3 | 1 30 m i 15 5 5 7 2 h r s 40 s ks 35 40 s ks | PUMP CHARGE MILEAGE Casiry You P & B & B & B & SO/SO Premi Kol S | ESCRIPTION SE Miles BL Va Por Min Om Gu | of SERVICES or PR 27 c Truck x Cement Solt | 495 495 503 | UNIT PRICE | 1085° 106 106 10/c 368° 180° 180° 160° 73 ⁷² 73 ⁷² |
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| CODE 540(5402 5402 5407 5502C 1/24 1/18B 1/18B 1/110H | 9 minimu 1 3 | 1 30 m i 15 5 5 7 2 h r s 40 s Ks 35 40 s Ks 40 s K | PUMP CHARGE MILEAGE Casiry You P & B & B & B & SO/SO Premi Kol S | ESCRIPTION SE Miles BL Va Por. Min Om Gu lated | of SERVICES or PR 27e 2 Truck x Cement Salt Plug | 495 495 503 369 | | 1085 126 126 20/0 368 180 180 180 180 73 ⁷ 73 ⁷ 73 ⁷ |

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

Phone: 913-557-9083 Fax: 913-557-9084

WELL LOG D & Z Exploration, Inc. Donovan #I-16 API # 15-091-24,275 February 24 - February 25, 2014

Paola, KS 66071

| Thickness of Strata | Formation | Total |
|---------------------|--------------|-----------------------------|
| 6 | soil & clay | 6 |
| 10 | sandstone | 16 |
| 32 | sand & shale | 48 |
| 5 | lime | 53 |
| 4 | shale | 57 |
| 14 | lime | 71 |
| 10 | shale | 81 |
| 8 | lime | 89 |
| 8 | shale | 97 |
| 19 | lime | 116 |
| 17 | shale | 133 |
| 20 | lime | 153 |
| 8 | shale | 161 |
| 8 | lime | 169 |
| 2 | shale | 171 |
| 46 | lime | 217 |
| 21 | shale | 238 |
| 7 | lime | 245 |
| 22 | shale | 267 |
| 7 | lime | 274 |
| 3 | shale | 277 |
| 10 | lime | 287 |
| 34 | shale | 321 |
| 3 | lime | 324 |
| 8 | shale | 332 |
| 9 | lime | 341 |
| 5 | shale | 346 |
| 12 | lime | 358 |
| 8 | shale | 366 |
| 23 | lime | 389 |
| 10 | shale | 399 |
| 11 | lime | 410 base of the Kansas City |
| 29 | shale | 439 |
| 8 | sand | 447 |
| 134 | shale | 581 |
| 3 | lime | 584 |
| 3 | shale | 587 |
| 3 | lime | 590 |
| 28 | shale | 618 |
| | | |

| Donovan #I-16 | | Page 2 | | | |
|---------------|-------------|----------------------------------|--|--|--|
| 4 | lime | 622 | | | |
| 13 | shale | 635 | | | |
| 3 | lime | 638 | | | |
| 108 | shale | 746 | | | |
| 4 | broken sand | 750 brown & grey, light oil show | | | |
| 35 | shale | 785 | | | |
| 3 | lime | 788 | | | |
| 72 | shale | 860 | | | |
| 5 | limey sand | 865 brown & white good bleeding | | | |
| 3 | oil sand | 868 brown, good bleeding | | | |
| 3 | limey sand | 871 brown & white good bleeding | | | |
| 84 | shale | 955 TD | | | |

Drilled a 9 7/8" hole to 24.3' Drilled a 5 5/8" hole to 955'

Set 24.3' of 7" surface casing cemented with 6 sacks of cement.

Set 914.75' of 2 7/8" 8 round upset tubing with seating nipple including 3 centralizers, 1 float shoe, 1 clamp

2