

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1340787
OIL & GAS CONSERVATION DIVISION

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

| | | |
|-----------------------------------|-----------------|---|
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |
|-----------------------------------|-----------------|---|

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

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: _____

1340787

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____ | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum |
|--|---|

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, 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 / SQUEEZE RECORD | | | | |
|--|------------------|----------------|--------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone | | | | |
| | | | | |

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

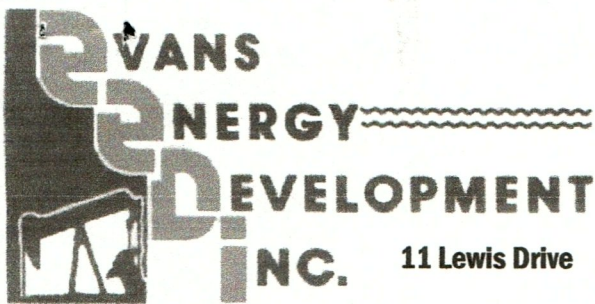
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
| | | | |
| | | | |
| | | | |
| | | | |

| | | | | |
|----------------|-------|---------|------------|---|
| TUBING RECORD: | Size: | Set At: | Packer At: | Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No |
|----------------|-------|---------|------------|---|

| | | | | | | |
|---|--|---------|-------------|---------------|---------|--|
| Date of First, Resumed Production, SWD or ENHR. | Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____ | | | | | |
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity | |

| | | |
|--|--|---|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ | PRODUCTION INTERVAL: _____ _____ |
|--|--|---|



11 Lewis Drive

Paola, KS 66071

**Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation**

Phone: 913-557-9083

Fax: 913-557-9084

WELL LOG

D & Z Exploration, Inc.
Sugar Ridge Farms #38
API # 15-091-24,445
January 11 - January 13, 2017

| <u>Thickness of Strata</u> | <u>Formation</u> | <u>Total</u> |
|----------------------------|------------------|-----------------------------------|
| 11 | soil & clay | 11 |
| 3 | shale | 14 |
| 29 | lime | 43 |
| 8 | shale | 51 |
| 8 | lime | 59 |
| 9 | shale | 68 |
| 23 | lime | 91 |
| 18 | shale | 109 |
| 20 | lime | 129 |
| 11 | shale | 140 |
| 9 | lime | 149 |
| 8 | shale | 157 |
| 37 | lime | 194 |
| 18 | shale | 212 |
| 9 | lime | 221 |
| 20 | shale | 241 |
| 7 | lime | 248 |
| 3 | shale | 251 |
| 7 | lime | 258 |
| 48 | shale | 306 |
| 23 | lime | 329 |
| 7 | shale | 336 |
| 24 | lime | 360 |
| 3 | shale | 363 |
| 17 | lime | 380 base of the Kansas City |
| 26 | shale | 406 |
| 8 | sand | 414 |
| 139 | shale | 553 |
| 6 | lime | 559 |
| 2 | shale | 561 |
| 8 | lime | 569 |
| 24 | shale | 593 |
| 5 | lime | 598 |
| 12 | shale | 610 |
| 10 | lime | 620 |
| 15 | shale | 635 |
| 5 | lime | 640 |
| 79 | shale | 719 |
| 5 | broken sand | 724 brown & green, light bleeding |
| 97 | shale | 821 |

| | | |
|------|-------------|---------------------------------|
| 9 | sand | 830 white, no oil |
| 11 | shale | 841 |
| 3 | limey sand | 844 black & white, 60% bleeding |
| 3.5 | oil sand | 847.5 black 100% bleeding |
| 3 | broken sand | 850.5 |
| 89.5 | shale | 940 TD |

Drilled a 9 7/8" hole to 21.3'
Drilled a 5 5/8" hole to 940'

Set 21.3' of 7" surface casing, cemented with 5 sacks of cement.

Set 902' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp
Seating nipple at 837'

| | <u>Minutes</u> | <u>Seconds</u> |
|-----|----------------|----------------|
| 841 | | 55 |
| 842 | | 51 |
| 843 | 1 | 2 |
| 844 | | 52 |
| 845 | | 48 |
| 846 | | 59 |
| 847 | | 30 |
| 848 | | 34 |
| 849 | | 47 |
| 850 | | 42 |
| 851 | | 31 |
| 852 | | 35 |
| 853 | | 27 |
| 854 | | 31 |
| 855 | | 30 |
| 856 | | 28 |
| 857 | | 33 |



REMIT TO
 Consolidated Oil Well Services, LLC
 Dept: 970
 P.O.Box 4346
 Houston, TX 77210-4346

MAIN OFFICE

P.O.Box 884
 Chanute, KS 66720
 620/431-9210, 1-800/467-8676
 Fax 620/431-0012

Invoice Invoice# 809370

Invoice Date: 01/17/17 Terms: Net 30 Page 1

D & Z EXPLORATION
 901 N. ELM ST. sugar ridge farms #38
 ST. ELMO IL 62458
 USA
 6188293274

| Part No | Description | Quantity | Unit Price | Discount(%) | Total |
|---------|--|----------|------------|-------------|--------|
| CE0450 | Cement Pump Charge 0 - 1500' | 1.000 | 1,500.0000 | 52.000 | 720.00 |
| CE0002 | Equipment Mileage Charge - Heavy Equipment | 25.000 | 7.1500 | 52.000 | 85.80 |
| CE0711 | Minimum Cement Delivery Charge | 1.000 | 660.0000 | 52.000 | 316.80 |
| WE0853 | 80 BBL Vacuum Truck (Cement Services) | 2.000 | 100.0000 | 52.000 | 96.00 |
| CC5840 | Poz-Blend I A (50:50) | 130.000 | 13.5000 | 52.000 | 842.40 |
| CC5965 | *Bentonite* | 319.000 | 0.3000 | 52.000 | 45.94 |
| CC5326 | Sodium Chloride, Salt | 252.000 | 1.0000 | 52.000 | 120.96 |
| CC6077 | Kolseal | 650.000 | 0.5000 | 52.000 | 156.00 |
| CP8176 | 2 7/8" Top Rubber Plug | 1.000 | 45.0000 | 52.000 | 21.60 |

Subtotal 5,011.45
 Discounted Amount 2,605.95
 SubTotal After Discount 2,405.50

Amount Due 5,202.47 If paid after 02/16/17

Tax: 91.69
 Total: 2,497.19



CONSOLIDATED
Oil Well Services, LLC

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

7353 / 7252

TICKET NUMBER 50363
LOCATION Oftawa KS
FOREMAN Fred Maden

FIELD TICKET & TREATMENT REPORT
CEMENT

| DATE | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
|-----------------------------------|------------|-----------------------|---------|----------|---------|--------|
| 1-13-77 | 3392 | Sugar Ridge Farms #38 | SE 29 | 14 | 22 | JO |
| CUSTOMER D & Z Exploration | | | TRUCK # | DRIVER | TRUCK # | DRIVER |
| MAILING ADDRESS 901 N. Elm St. | | | 712 | Fred Mad | | |
| CITY St. Elmo | | | 5495 | Nor Ac | | |
| STATE IL | | | 675 | Ki Det | | |
| ZIP CODE 62458 | | | 548 | Ki Car | | |

JOB TYPE Logging HOLE SIZE 5 7/8 HOLE DEPTH 940' CASING SIZE & WEIGHT 2 7/8 EOE
CASING DEPTH 902' DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING _____
DISPLACEMENT 5.24 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

REMARKS: Hold Safety meeting. Establish pump rate. Mix Pump
100# Gel Flush. Mix & Pump 130 sks Por Blend IA Cement 270 Gal
5% Salt 5# Kal Seal/sk. Cement to surface. Flush pump &
lines clean. Displace 2 1/2" Rubber plug to casing TD. Pressure
to 900# PSI. Monitor pressure for 30 min MIT. Release
pressure to set float valve.

Fred Maden

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|---------------------|-------------------|------------------------------------|-----------------|--------------------|
| GE0450 | 1 | PUMP CHARGE | 495 | 1500 ⁰⁰ |
| CE0002 | 25mi | MILEAGE | 495 | 17875 |
| CE0711 | Minimum | Tom Milos Delivery | | 160 ⁰⁰ |
| WE0853 | 2hrs | 50 BBL Vac Truck | 675 | 200 ⁰⁰ |
| | | Sub Total | | 253875 |
| | | Less 52% | | 121860 |
| <u>11032</u> CC6840 | 130sk | Por Blend IA Cement | | 1755 ⁰⁰ |
| CC 5965 | 319# | Bentonite Gel. | | 9570 |
| CC 5326 | 252# | Consolidated Salt | | 252 ⁰⁰ |
| CC 6077 | 650# | Kal Seal. | | 325 ⁰⁰ |
| CP 8176 | 1 | 2 1/2" Rubber Plug. | | 45 ⁰⁰ |
| | | Sub Total | | 2472 ⁰⁰ |
| | | Less 52% | | 1186 ⁰⁰ |
| | | | 7.725% | 9163 |
| | | | ESTIMATED TOTAL | 2497 ⁰⁰ |

Revin 3737

AUTHORIZATION [Signature] TITLE _____ DATE (52027)

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.

TERMS

In consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions:

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by COWS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All COWS' prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

(a) COWS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a "claim") for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.

(b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS, Customer shall be responsible for and indemnify and hold COWS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blow-out; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS; (3) injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) sub-surface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools.

Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

(c) COWS makes no guarantee of the effectiveness of any COWS' products, supplies or materials, or the results of any COWS' treatment or services.

(d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information, except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.

(e) COWS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that COWS is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction, or functionality of such items.

WARRANTIES - LIMITATION OF LIABILITY

COWS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE, WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.