



KANSAS CORPORATION COMMISSION 1085561
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34339
Name: D & Z Exploration, Inc.
Address 1: 901 N Elm St.
Address 2: PO BOX 159
City: ST ELMO State: IL Zip: 62458 +
Contact Person: Zane Belden
Phone: (618) 829-3274
CONTRACTOR: License # 33715
Name: Town Oilfield Service
Wellsite Geologist: none
Purchaser: _____

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

| | | |
|-----------------------------------|-------------------|---|
| <u>04/25/2012</u> | <u>04/27/2012</u> | <u>04/27/2012</u> |
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 15-091-23760-00-00 ✓
Spot Description: _____
NW NW SE SE Sec. 29 Twp. 14 S. R. 22 East West
1100 Feet from North / South Line of Section
1100 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Johnson
Lease Name: Sugar Ridge Farms Well #: #15
Field Name: _____
Producing Formation: Bartlesville
Elevation: Ground: 992 Kelly Bushing: 0
Total Depth: 926 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 30 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: 0 ppm Fluid volume: 0 bbls
Dewatering method used: Evaporated
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

Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Doanna Corbin Date: 06/27/2012



1085561

Operator Name: D & Z Exploration, Inc. Lease Name: Sugar Ridge Farms Well #: #15
 Sec. 29 Twp. 14 S. R. 22 East West County: Johnson

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

| | |
|---|---|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Bartlesville 836 |
|---|---|

| CASING RECORD <input type="checkbox"/> New <input checked="" 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 |
| Surface | 9.825 | 7 | 20 | 30 | Portland | 10 | none |
| Production | 5.625 | 2.825 | 6.5 | 896.22 | 50/50 poz | 123 | none |

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

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | 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 (Explain) _____ | | |
| 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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL: _____ _____ |
|--|--|---|



CONSOLIDATED
Oil Well Services, LLC

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 # 249404

Invoice Date: 04/30/2012 Terms: 0/0/30,n/30

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D & Z EXPLORATION
901 N. ELM ST.
P.O. BOX 159
ST. ELMO IL 62458
(618)829-3274

SUGAR RIDGE FARMS #15
36688
29-14-22
04-26-2012
KS
L.D.E.
-I.D.C.
(cementing SRF#15)

| Part Number | Description | Qty | Unit Price | Total |
|-------------|---------------------------|--------|------------|---------|
| 1124 | 50/50 POZ CEMENT MIX | 123.00 | 10.9500 | 1346.85 |
| 1118B | PREMIUM GEL / BENTONITE | 307.00 | .2100 | 64.47 |
| 1111 | SODIUM CHLORIDE (GRANULA) | 238.00 | .3700 | 88.06 |
| 1110A | KOL SEAL (50# BAG) | 615.00 | .4600 | 282.90 |
| 4402 | 2 1/2" RUBBER PLUG | 1.00 | 28.0000 | 28.00 |

| Description | Hours | Unit Price | Total |
|----------------------------------|--------|------------|---------|
| 369 80 BBL VACUUM TRUCK (CEMENT) | 1.50 | 90.00 | 135.00 |
| 495 CEMENT PUMP | 1.00 | 1030.00 | 1030.00 |
| 495 EQUIPMENT MILEAGE (ONE WAY) | 30.00 | 4.00 | 120.00 |
| 495 CASING FOOTAGE | 896.00 | .00 | .00 |
| 510 MIN. BULK DELIVERY | 1.00 | 350.00 | 350.00 |

Parts: 1810.28 Freight: .00 Tax: 136.23 AR 3581.51
Labor: .00 Misc: .00 Total: 3581.51
Sublt: .00 Supplies: .00 Change: .00

Signed _____ Date _____

BARTLESVILLE, OK 918/338-0808 EL DORADO, KS 316/322-7022 EUREKA, KS 620/583-7864 PONCA CITY, OK 580/762-2303 OAKLEY, KS 785/672-2227 OTTAWA, KS 785/242-4044 THAYER, KS 620/839-5269 GILLETTE, WY 307/686-4914



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 36688

LOCATION Ottawa, KS

FOREMAN Fred Maden

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

FIELD TICKET & TREATMENT REPORT
CEMENT

| DATE | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
|-------------------|------------|--------------------|---------|---------------|---------|--------|
| 4/26/12 | 3392 | Sugar Ridge #15 | SE 29 | 14 | 22 | JO |
| CUSTOMER | | | TRUCK # | DRIVER | TRUCK # | DRIVER |
| D & Z Exploration | | | 506 | FREMAN | Safety | MJG |
| MAILING ADDRESS | | | 495 | HARREC | HB | J |
| 901 N Elm St | | | 369 | DERMAS | DM | |
| CITY | STATE | ZIP CODE | 510 | MIKHAA/SETTUC | MH | ST |
| St Elmo | IL | 62458 | | | | |

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 926 CASING SIZE & WEIGHT 2 1/2" EVE
 CASING DEPTH 896 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 2 1/2" Plug
 DISPLACEMENT 5.21 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 BPM

REMARKS: Establish pump rate. Mix + Pump 100# Gel Flush Mix + Pump
5ks 50/50 Por Mix Cement 2% Gel 5% Salt 5" Kol Seal / 3/4"
Cement to surface. Flush pump + lines clean. Displace 2 1/2"
rubber plug to casing TD Pressure to 800# PSI. Balance
pressure to set float valve. Shut in casing.

TOS Drilling (Ehad). Fred Maden

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|--------------|-------------------|------------------------------------|------------|--------------------|
| 5401 | 1 | PUMP CHARGE | 495 | 1030 ⁰⁰ |
| 5406 | 30 | MILEAGE | 495 | 120 ⁰⁰ |
| 5402 | 896 | Casing foot logs | | N/A |
| 5407 | Minimum | Ton Miles | 510 | 350 ⁰⁰ |
| 5502C | 1 1/2 hr | 80 BBL Vac Truck | 369 | 135 ⁰⁰ |
| 1124 | 123 SKS | 50/50 Por Mix Cement | | 1346 ⁰⁵ |
| 1118B | 307* | Premium Gel | | 6447 |
| 1117 | 238* | Granulated Salt | | 880 ⁰⁵ |
| 1110A | 6.5* | Kol Seal | | 2829 ⁰⁰ |
| 4402 | 1 | 2 1/2" Rubber Plug | | 28 ⁰⁰ |
| | | | 7.52578 | SALES TAX |
| | | | | ESTIMATED |
| | | | | TOTAL |
| | | | | 136 ²³ |
| | | | | 3561 ⁵¹ |

Rev'n 8737 AUTHORIZATION Depe Belen TITLE 249404 DATE _____

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

Johnson County, KS
Well: Sugar Ridge 15
Lease Owner: D Z

Town Oilfield Service, Inc.
(913) 837-8400

Commenced Spudding:
4/25/2012

WELL LOG

| Thickness of Strata | Formation | Total Depth |
|---------------------|-------------|-------------|
| 9 | Soil/Clay | 9 |
| 5 | Shale | 14 |
| 6 | Lime | 20 |
| 3 | Shale | 23 |
| 17 | Lime | 40 |
| 8 | Shale | 48 |
| 9 | Lime | 57 |
| 8 | Shale | 65 |
| 22 | Lime | 87 |
| 15 | Shale | 102 |
| 23 | Lime | 125 |
| 10 | Shale | 135 |
| 10 | Lime | 145 |
| 5 | Shale | 150 |
| 40 | Lime | 190 |
| 17 | Shale | 207 |
| 9 | Lime | 216 |
| 19 | Shale | 235 |
| 8 | Lime | 243 |
| 5 | Shale | 248 |
| 7 | Lime | 255 |
| 45 | Shale | 300 |
| 25 | Lime | 325 |
| 8 | Shale | 333 |
| 24 | Lime | 357 |
| 3 | Shale | 360 |
| 15 | Lime | 375 |
| 35 | Shale | 410 |
| 9 | Sand | 419 |
| 7 | Broken Sand | 426 |
| 126 | Shale | 552 |
| 10 | Lime | 562 |
| 7 | Shale | 569 |
| 8 | Lime | 577 |
| 13 | Shale | 590 |
| 4 | Lime | 594 |
| 6 | Shale | 600 |
| 15 | Lime | 615 |
| 100 | Shale | 715 |
| 15 | Broken Sand | 730 |

| Thickness of Strata | Formation | Total Depth | Remarks |
|---------------------|-----------|-------------|---------|
| 9 | cal/clay | 9 | |
| 5 | shale | 14 | |
| 6 | Lime | 20 | |
| 3 | shale | 23 | |
| 17 | Lime | 40 | |
| 8 | shale | 48 | |
| 9 | Lime | 57 | |
| 8 | shale | 65 | |
| 22 | Lime | 87 | |
| 15 | shale | 102 | |
| 23 | Lime | 125 | |
| 10 | shale | 135 | |
| 10 | Lime | 145 | |
| 5 | shale | 150 | |
| 40 | Lime | 190 | |
| 17 | shale | 207 | |
| 9 | Lime | 216 | |
| 19 | shale | 235 | |
| 8 | Lime | 243 | |
| 5 | shale | 248 | |
| 7 | Lime | 255 | |
| 45 | shale | 300 | |
| 25 | Lime | 325 | |
| 8 | shale | 333 | |
| 24 | Lime | 357 | |
| 3 | shale | 360 | |
| 15 | Lime | 375 | |

