



KANSAS CORPORATION COMMISSION 1108151
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 #:

08/17/2012	08/19/2012	08/19/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-091-23828-00-00

Spot Description:
NE_NE_SW_SE Sec. 29 Twp. 14 S. R. 22 East West
1100 Feet from North / South Line of Section
1540 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 #: #21

Field Name:

Producing Formation: BARTLESVILLE

Elevation: Ground: 1009 Kelly Bushing: 0

Total Depth: 940 Plug Back Total Depth:

Amount of Surface Pipe Set and Cemented at: 909 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: Deanna Garrison Date: 01/22/2013



1108151

Operator Name: D & Z Exploration, Inc. Lease Name: Sugar Ridge Farms Well #: #21
 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
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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	909	50/50 POZ	111	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: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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: _____ _____
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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 # 252165

Invoice Date: 08/20/2012 Terms: 0/0/30,n/30

Page 1

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

SUGAR RIDGE FARMS #21
37586
29-14-22
08-17-2012
KS

L.D.E.
-I.D.C.
(Cementing #21)

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	111.00	10.9500	1215.45
1118B	PREMIUM GEL / BENTONITE	286.00	.2100	60.06
1111	SODIUM CHLORIDE (GRANULA	215.00	.3700	79.55
1110A	KOL SEAL (50# BAG)	555.00	.4600	255.30
4402	2 1/2" RUBBER PLUG	1.00	28.0000	28.00

Description	Hours	Unit Price	Total
495 CEMENT PUMP	1.00	1030.00	1030.00
495 EQUIPMENT MILEAGE (ONE WAY)	30.00	4.00	120.00
495 CASING FOOTAGE	909.00	.00	.00
558 MIN. BULK DELIVERY	1.00	350.00	350.00
675 80 BBL VACUUM TRUCK (CEMENT)	2.00	90.00	180.00

Parts:	1638.36	Freight:	.00	Tax:	123.29	AR	3441.65
Labor:	.00	Misc:	.00	Total:	3441.65		
Sublt:	.00	Supplies:	.00	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
785/672-2227

OTTAWA, KS
785/242-4044

THAYER, KS
620/839-5269

GILLETTE, WY
307/686-4914



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 37586
LOCATION Ottawa KS
FOREMAN Fred Mader

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
8/17/12	3392	Sugar Ridge Farm # 21	SE 29	17	22	To
CUSTOMER DEZ Exploration			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS 901 N Elm St			506	Fred Mad	Safety	Mty
CITY STATE ZIP CODE St. Elmo IL 62458			495	Kel Det	KD	0
			675	Har Bee	HB	
			558	Bre Man	BM	

JOB TYPE Longstring HOLE SIZE 5 1/8 HOLE DEPTH 940. CASING SIZE & WEIGHT 2 7/8 EVE
 CASING DEPTH 909 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 2 1/2" Plug
 DISPLACEMENT 5.28 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 50 PPM

REMARKS: Establish pump rate. Mix + Pump 100# Gel Flush Mix + Pump
111 sks 50/50 Por Mix Cement 2% Gel 5% Salt 5# Hal Seal / 5K.
Cement to surface Flush pump + lines clean. Displace 2 1/2"
rubber plug to casing TO. Pressure to 800# PSI. Release
pressure to set float valve. Shut in casing.

To S Drilling - Chad. Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1030 ⁰⁰
5406	30 mi	MILEAGE	495	120 ⁰⁰
5402	909	Casing Footage		N/C
5407	Minimum	Ton Miles.	558	350 ⁰⁰
5502C	2 hr	80 BBL Vac Truck	675	180 ⁰⁰
1124	111 sks	50/50 Por Mix Cement		1215 ⁴⁵
1115B	286 ⁰⁰	Premium Gel		60 ⁰⁰
1111	215 ⁰⁰	Granulated Salt		79 ⁵⁵
1110A	555 ⁰⁰	Kal Seal		255 ³⁰
4402	1	2 1/2 Rubber plug		28 ⁰⁰
			7.525%	SALES TAX
				123 ²⁹
				ESTIMATED TOTAL
				3441 ⁶⁵

Rev 3737 AUTHORIZATION [Signature] TITLE _____ 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 for.

252165

Johnson County, KS
Well: Sugar Ridge 21
Lease Owner: D Z

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

Commenced Spudding:
8/16/2012

WELL LOG

Thickness of Strata	Formation	Total Depth
3	Soil-Clay	3
13	Sand Stone	16
21	Shale	37
5	Lime	42
4	Shale	46
15	Lime	61
8	Shale	69
8	Lime	77
9	Shale	86
24	Lime	110
10	Shale	120
26	Lime	146
11	Shale	157
10	Lime	167
6	Shale	173
37	Lime	210
18	Shale	228
7	Lime	235
20	Shale	255
9	Lime	264
3	Shale	267
7	Lime	274
47	Shale	321
25	Lime	346
6	Shale	352
23	Lime	375
4	Shale	379
5	Lime	384
4	Shale	388
6	Lime	394
30	Shale	424
12	Sandy Shale	436
132	Shale	568
3	Lime	571
9	Shale	579
2	Lime	581
9	Shale	588
9	Lime	597
12	Shale	609
4	Lime	613

