



KANSAS CORPORATION COMMISSION 1108149
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 SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Corr. 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 #: _____
07/23/2012 07/25/2012 07/25/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-091-23827-00-00
Spot Description: _____
E2 E2 SW SE Sec. 29 Twp. 14 S. R. 22 East West
660 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 #: #20
Field Name: _____
Producing Formation: BARTLESVILLE
Elevation: Ground: 1013 Kelly Bushing: 0
Total Depth: 960 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 918 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

1108149



Operator Name: D & Z Exploration, Inc. Lease Name: Sugar Ridge Farms Well #: #20
Sec. 29 Twp. 14 S. R. 22 [x] 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 Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken [] Yes [x] No
Samples Sent to Geological Survey [] Yes [x] No
Cores Taken [] Yes [x] No
Electric Log Run [] Yes [x] No
Electric Log Submitted Electronically [] Yes [] No
List All E. Logs Run:
[] Log Formation (Top), Depth and Datum [] Sample
Name Top Datum
BARTLESVILLE

CASING RECORD [] New [x] Used
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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.
Rows: SURFACE, PRODUCTION

ADDITIONAL CEMENTING / SQUEEZE RECORD
Table with columns: Purpose, Depth Top Bottom, Type of Cement, # Sacks Used, Type and Percent Additives.
Purposes: Perforate, Protect Casing, Plug Back TD, Plug Off Zone

PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated
Table with columns: Shots Per Foot, PERFORATION RECORD, Acid, Fracture, Shot, Cement Squeeze Record, 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

DISPOSITION OF GAS: [] Vented [] Sold [] Used on Lease (If vented, Submit ACO-18.)
METHOD OF COMPLETION: [] Open Hole [] Perf. [] Dually Comp. [] Commingled [] 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 # 251469

Invoice Date: 07/24/2012 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 #20
37481
29-14-22
07-23-2012
KS

L.D.E.
-I.D.C.
(#20 cement)

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	114.00	10.9500	1248.30
1118B	PREMIUM GEL / BENTONITE	292.00	.2100	61.32
1111	SODIUM CHLORIDE (GRANULA	220.00	.3700	81.40
1110A	KOL SEAL (50# BAG)	570.00	.4600	262.20
4402	2 1/2" RUBBER PLUG	1.00	28.0000	28.00

Description	Hours	Unit Price	Total
368 CEMENT PUMP	1.00	1030.00	1030.00
368 EQUIPMENT MILEAGE (ONE WAY)	30.00	4.00	120.00
368 CASING FOOTAGE	919.00	.00	.00
370 80 BBL VACUUM TRUCK (CEMENT)	2.00	90.00	180.00
503 MIN. BULK DELIVERY	1.00	350.00	350.00

Parts: 1681.22 Freight: .00 Tax: 126.51 AR 3487.73
 Labor: .00 Misc: .00 Total: 3487.73
 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



TICKET NUMBER 37481
 LOCATION Oklahoma 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
7/23/12	3392	Sugar Ridge Farms #20	SE 29	14	22	JO

TRUCK #	DRIVER	TRUCK #	DRIVER
506	Fred Mader	Safety	Wally
368	Art McD	ARM	
370	Joe Ric	TR	
503	Dan Det / 6	Tuc	DP-ST

CUSTOMER: D & Z Exploration
 MAILING ADDRESS: 901 N. Elm ST
 CITY: St Elmo STATE: IL ZIP CODE: 62458
 JOB TYPE: hang string HOLE SIZE: 5 1/8 HOLE DEPTH: 960' CASING SIZE & WEIGHT: 2 1/8 EUE
 CASING DEPTH: 919' DRILL PIPE: _____ TUBING: _____ OTHER: _____
 SLURRY WEIGHT: _____ SLURRY VOL: _____ WATER gal/sk: _____ CEMENT LEFT in CASING: 2 1/2" Plug
 DISPLACEMENT: 5.34 DISPLACEMENT PSI: _____ MIX PSI: _____ RATE: 4 B.B.M

REMARKS: Establish pump rate. Mix + Pump 100# Gel Flush. Mix Pump
114 sks 50/50 Por Mix Cement 2% Gel 5% Salt ~~5% KCl~~ 5% Kal
Seal/sk. Cement to surface Flush pump + lines clean.
Displace 2 1/2" Rubber plug to casing TD. Pressure to 800#
PSI. Release pressure to set float valve. Shut in casing

TOS Drilling Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1030 ⁰⁰	1030 ⁰⁰
5406	30 mi	MILEAGE	365	120 ⁰⁰
5402	919'	Casing footage	N/C	N/C
5407	Minimum	Ton Miles	503	350 ⁰⁰
5502C	2 hrs	80 BBL Vac Truck	370	180 ⁰⁰
1124	114 sks	50/50 Por Mix Cement		1245 ⁵⁰
1119B	292 #	Premium Gel		61 ³²
1111	220 #	Granulated Salt		81 ⁴⁰
1110A	570 #	Kal Seal		262 ²⁰
4402	1	2 1/2" Rubber plug		25 ⁰⁰
			SALES TAX	126 ⁵¹
			ESTIMATED TOTAL	3487 ²³

AUTHORIZATION: Debe Belden TITLE: _____ DATE: 25/14/09

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 20
Lease Owner: D Z

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

Commenced Spudding:
7/20/2012

WELL LOG

Thickness of Strata	Formation	Total Depth
23	Soil/Clay	23
13	Shale	36
6	Lime	42
4	Shale	46
15	Lime	61
8	Shale	69
9	Lime	78
8	Shale	86
8	Lime	94
6	Shale	100
8	Lime	108
17	Shale	125
21	Lime	146
12	Shale	158
12	Lime	160
6	Shale	176
34	Lime	210
20	Shale	230
8	Lime	238
18	Shale	256
9	Lime	265
3	Shale	268
7	Lime	275
47	Shale	322
25	Lime	347
7	Shale	364
23	Lime	377
5	Shale	382
5	Lime	387
3	Shale	390
7	Lime	397
177	Shale	574
6	Lime	580
10	Shale	590
9	Lime	599
14	Shale	613
5	Lime	618
2	Shale	620
8	Lime	628
14	Shale	642

