



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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1151881

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

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

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 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 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
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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
_____ 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 <i>(Amount and Kind of Material Used)</i>	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 # 259683

Invoice Date: 06/17/2013 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

EAST GORDON #1
41995
27-14-22
06-14-2013
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	120.00	11.5000	1380.00
1118B	PREMIUM GEL / BENTONITE	402.00	.2200	88.44
1111	SODIUM CHLORIDE (GRANULA	252.00	.3900	98.28
1110A	KOL SEAL (50# BAG)	600.00	.4600	276.00
4402	2 1/2" RUBBER PLUG	1.00	29.5000	29.50
	Description	Hours	Unit Price	Total
558	MIN. BULK DELIVERY	1.00	368.00	368.00
666	CEMENT PUMP	1.00	1085.00	1085.00
666	EQUIPMENT MILEAGE (ONE WAY)	30.00	4.20	126.00
666	CASING FOOTAGE	897.00	.00	.00
675	80 BBL VACUUM TRUCK (CEMENT)	3.00	90.00	270.00

Parts:	1872.22	Freight:	.00	Tax:	140.90	AR	3862.12
Labor:	.00	Misc:	.00	Total:	3862.12		
Sublt:	.00	Supplies:	.00	Change:	.00		

Signed _____ Date _____



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
6/14/13	3392	East Gordon #1	NE 27	14	22	JO

CUSTOMER Dt Z Exploration
MAILING ADDRESS 901 N Elm St.
CITY St Elmo STATE IL ZIP CODE 62458

TRUCK #	DRIVER	TRUCK #	DRIVER
481	Caseen		
646	Carl Moo		
558	Wil Mot		
675	Kei Det		

JOB TYPE longstring HOLE SIZE 5 5/8" HOLE DEPTH 740' CASING SIZE & WEIGHT 2 7/8" EUE
CASING DEPTH 897' DRILL PIPE TUBING OTHER _____
SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING _____
DISPLACEMENT 5.19 bbls DISPLACEMENT PSI MIX PSI RATE 4.5 bpm

REMARKS: held safety meeting, established circulation, mixed & pumped 200 # Premium Gel followed by 10 bbls fresh water, mixed & pumped 120 lbs 50/50 Pozmix cement w/ 276 gal 5% salt, & 5# Kalseal per sk, cement to surface, flushed pump clean, pumped 2 1/2" rubber plug to casing TD w/ 5.19 bbls fresh water, pressured to 800 PSI, released pressure, shut in casing.

[Handwritten signature]

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		1085.00
5406	30 mi	MILEAGE		126.00
5402	897'	casing footage		368.00
5407	minimum	ton mileage		270.00
5502C	3 hrs	80 Vac		1380.00
				88.44
1124	120 sks	50/50 Pozmix cement		98.28
1118B	402 #	Premium Gel		276.00
1111	252 #	Salt		29.50
1110A	600 #	Kalseal		
4402	1	2 1/2" rubber plug		



Completed

7.525%

SALES TAX 140.90
ESTIMATED TOTAL 3862.12

Ravin 3737

AUTHORIZATION Deke Balbu

TITLE _____ DATE _____

Johnson County, KS
Well: East Gordon #1
Lease Owner: D Z Exploration

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

Commenced Spudding:
6/7/2013

WELL LOG

Thickness of Strata	Formation	Total Depth
29	Soil-Clay	29
5	Lime	34
6	Shale	40
15	Lime	55
8	Shale	63
9	Lime	72
8	Sand and Sandy Shale	80
18	Lime	98
15	Shale	113
19	Lime	133
5	Shale	138
57	Lime	195
23	Shale	218
8	Lime	226
19	Shale	245
6	Lime	251
5	Shale	256
9	Lime	265
33	Shale	298
2	Lime	300
11	Shale	311
26	Lime	337
6	Shale	343
23	Lime	366
5	Shale	371
4	Lime	375
5	Shale	380
6	Lime	386
5	Shale	391
7	Sand	398
10	Sandy Shale	408
92	Shale	500
8	Sand	508
5	Sandy Shale	513
61	Shale	574
7	Lime	581
16	Shale	597
4	Lime	601
8	Shale	609
9	Lime	618

Short Cuts

TANK CAPACITY

BBLs. (42 gal.) equals $D^2 \times 14 \times h$

D equals diameter in feet.

h equals height in feet.

BARRELS PER DAY

Multiply gals. per minute x 34.2

HP equals BPH x PSI x .0004

BPH - barrels per hour

PSI - pounds square inch

TO FIGURE PUMP DRIVES

* D - Diameter of Pump Sheave

* d - Diameter of Engine Sheave

SPM - Strokes per minute

RPM - Engine Speed

R - Gear Box Ratio

*C - Shaft Center Distance

D - $\text{RPM} \times d$ over $\text{SPM} \times R$

d - $\text{SPM} \times R \times D$ over RPM

SPM - $\text{RPM} \times D$ over $R \times d$

R - $\text{RPM} \times D$ over $\text{SPM} \times d$

BELT LENGTH - $2C + 1.57(D + d) + \frac{(D-d)^2}{4C}$

* Need these to figure belt length

TO FIGURE AMPS: $\frac{\text{WATTS}}{\text{VOLTS}} = \text{AMPS}$

746 WATTS equal 1 HP

Log Book

Well No. 1

Farm East Gordon

KS Johnson
(State) (County)

27 14 22
(Section) (Township) (Range)

For D+Z Exploration
(Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East
Louisburg, KS 66053
913-710-5400

East Gordon Farm: Johnson County

KS State; Well No. 1

Elevation 1025

Commenced Spuding 6-7, 20 13

Finished Drilling 6-14, 20 13

Driller's Name Chad Weaver

Driller's Name _____

Driller's Name _____

Tool Dresser's Name Brandon Stone

Tool Dresser's Name Greg Parny

Tool Dresser's Name _____

Contractor's Name TOS

27 14 22

(Section) (Township) (Range)

Distance from S line, 5060 ft.

Distance from E line, 4180 ft.

2 - Sacks
**CASING AND TUBING
RECORD**

10" Set _____ 10" Pulled _____
7 8/8" Set 20' 8" Pulled _____
6 1/4" Set _____ 6 1/4" Pulled _____
4" Set _____ 4" Pulled _____
2 7/8" Set 896⁶⁵ 2" Pulled _____

8 3/4 feed nipple
0140 TD

Thickness of Strata	Formation	Total Depth	Remarks
29	soil/clay	29	
5	Lime	34	
6	shale	40	
15	Lime	55	
8	shale	63	
9	Lime	72	
8	shaly shale/sand	80	
18	Lime	98	
15	shale	113	
19	Lime	132	
5	shale	137	
57	Lime	194	
23	shale	217	
8	Lime	225	
19	shale	244	
6	Lime	250	
5	shale	255	
9	Lime	264	
33	shale	297	
2	Lime	299	
11	shale	310	
26	Lime	336	
6	shale	342	
23	Lime	365	
5	shale	370	
4	Lime	374	
5	shale	379	

Thickness of Strata	Formation	Total Depth	Remarks
		380	
6	lime	386	Mertha
5	shale	391	
7	sand	398	gray, no oil
10	sandy shale	408	
92	shale	500	
8	sand	508	
5	sandy shale	513	
61	shale	574	
7	lime	581	
16	shale	597	
4	lime	601	
8	shale	609	
9	lime	618	
37	shale	655	red bed - 622'
19	sand	674	
8	sandy shale	682	
42	shale	724	
5	Broken sand	729	gray, very little oil
11	sandy shale	740	
22	shale	762	
6	sand	768	
5	sandy shale	773	
82	shale	825	
5	sand	830	
7	shale	837	
1	sandy lime	838	gray with oil 2% - 5% oil
2	sandy lime	840	50% oil

