

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1151950

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 #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from Cast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
-	
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used?
OG GSW Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt
If Workover/Re-entry: Old Well Info as follows:	
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Chloride content: ppm Fluid volume: bbls
	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	On and the Name
Dual Completion Permit #:	Operator Name:
□ SWD Permit #:	Lease Name: License #:
ENHR Permit #:	QuarterSecTwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date	

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:

	Side Two	1151950
Operator Name:	Lease Name:	Well #:
Sec TwpS. 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 (Attach Additional She	eets)	Yes No		-	n (Top), Depth an		Sample
Samples Sent to Geolog	ical Survey	Yes No	Nan	ie		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	<pre>Yes □ No Yes □ No Yes □ No</pre>					
List All E. Logs Run:							
		CASIN	G RECORD	ew Used			
		Report all strings se	et-conductor, surface, int	ermediate, product	ion, 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: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					ement Squeeze Record of Material Used)	Depth			
TUBING RECORD:	Siz	ze:	Set At:		Packe	r At:	Liner R	un:	No	
Date of First, Resumed	Product	ion, SWD or ENHF	ł.	Producing M	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	s.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	ON OF (BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Uually (Submit /	Comp. ACO-5)	Commingled (Submit ACO-4)		
(If vented, Sul	bmit ACC)-18.)		Other (Specify)						

Oil Well Services, LLC	REMIT TO Consolidated Oil Well Se Dept. 970 P.O. Box 4346 Houston, TX 77210	6	F Chanute 620/431-9210 • 1-80	AIN OFFICE P.O. Box 884 e, KS 66720 00/467-8676 20/431-0012
INVOICE			Invoice #	259962
Invoice Date: 06/27/2013		Pa	ge 1	
D & Z EXPLORATION 901 N. ELM ST. P.O. BOX 159 ST. ELMO IL 62458 (618)829-3274	420 27-	-14-22 -24-2013	- 2	
1118B PREMIU 1111 SODIUM 1110A KOL SE	ption POZ CEMENT MIX M GEL / BENTONITE CHLORIDE (GRANULA AL (50# BAG) RUBBER PLUG	Qty 110.00 285.00 213.00 550.00 1.00	.2200.3900	Total 1265.00 62.70 83.07 253.00 29.50
Description 369 80 BBL VACUUM TRUCK 495 CEMENT PUMP 495 EQUIPMENT MILEAGE (ON 495 CASING FOOTAGE 510 MIN. BULK DELIVERY		Hours 2.00 1.00 30.00 895.00 1.00	4.20	Total 180.00 1085.00 126.00 .00 368.00

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Parts:	1693.27	Freight:	.00	Tax:	127.42	AR	3579.69
Labor:		Misc:	.00	Total:	3579.69		
Sublt:	.00	Supplies:	.00	Change:	.00		
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CONSOLIDAT ED Oil Well Servic . LLC

259962

42057 TICKET NUMBER LOCATION OKtawa KS FOREMAN_ Fred Ma

DATE

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JOB TYPE Lancestrine HOLE SIZE STR HOLE DEPTH 920 CASING SIZE WEIGHT 275 EUE CASING DEPTH 9940 DIRLIPIE TURING OTHER OTHER SIURRY WEIGHT SLURRY VOL WATER galisk CEMENT LEFT IN CASING 22° Plug DISPLACEMENT S.2882 DISPLACEMENT PSI MIX PSI RATE SAPPM REMARKS: Hold Overly MUNTING Establish parma yak. Mix & Armap 100° G.O. Elush MIX & Pundap 110 SK Solso Par Mix Cemunat 276 Gals & Boath St Mol Sead Str. Manual to Sols tace - Elush pump yak. Mix & Armap 100° G.O. Elush Office Jose Location of Sead Str. Associate Str. Asol Sead Str. Manual to Sols tace - Elush pump + three closer. Displace 28° Rubber plug to casing yr. Prescore to Seat float value. Shurt the Casing yr. Prescore to Seat float value. Shurt the Casing of the casing the seat float value. Shurt the Casing of the casing the seat float value. KCC Regis Tamfar Accuson Tas Drillingh Chad. 400 Madu Account QUANITY or UNITS DESCRIPTION of SERVICES of PRODUCT UNIT PRICE TOTAL Stud J. PUMP CHARGE 495 10 F3° 12622 Stud Str. Basing footege 495 12622 Stud Sorn: MILEACE 495 12622 10 F3° 12622 10 F3° 12 Casing footege 495 12622 10 F3° 12622 10 F3° 12 Casing footege 50 368 fs fs food 368 fs fs 1266 11 Stud Kasing footege 50 368 fs fs 363 fs 1262 11 Stud Str. F0 B BL Vac Truck 769 1602 11 Sta Granulated Salt 632 11 Sta Granulated Salt 6322 11 Sta Granulated Salt 632 11 Sta Sort 12 Sta Sort 1275 1262 11 Sta Sort 128 Sor	ST K					,			
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7.525% SALES TAX /2793			50#	Kal Se	J.	anv			7709
7.525% SALES TAX /2793				25" Ru	6ber Al	JC.			705
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ESTIMATED 252069							7.52592	SALES TAX	12742
	Havin 3737	Or n	6	_				ESTIMATED	

AUTHORIZTION

N

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.

TITLE_

Johnson County, KSTown Oilfield Service, Inc.Commenced Spudding:
6/22/2013Well: East Gordon I-2(913) 837-84006/22/2013Lease Owner:D Z Exploration6/22/2013

WELL LOG

Thickness of Strata	Formation	Total Depth
34	Soil-Clay	34
5	Lime	39
6	Shale	45
16	Lime	61
7	Shale	68
9	Lime	77
8	Sand and Sandy Shale	85
19	Lime	104
14	Shale	118
22	Lime	140
8	Shale	148
55	Lime	203
22	Shale	225
8	Lime	233
19	Shale	252
6	Lime	258
6	Shale	264
9	Lime	273
33	Shale	306
1	Lime	307
11	Shale	318
26	Lime	344
6	Shale	350
26	Lime	373
5	Shale	378
4	Lime	382
6	Shale	388
6	Lime	394
6	Shale	400
7	Sand	407
10	Sandy Shale	417
92	Shale	509
7	Sand	516
5	Sandy Shale	521
44	Shale	565
5	Lime	570
3	Shale	573
3	Lime	576
8	Shale	584
7	Lime	591

Johnson County, KS **Town Oilfield Service, Inc.** Commenced Spudding: Well: East Gordon I-2 (913) 837-8400 6/22/2013 Lease Owner:D Z Exploration

16	Shala	007
3	Shale	607
8	Lime	610
9	Shale	618
	Lime	627
101	Shale	728
6	Broken Sand	734
10	Sandy Shale	744
21	Shale	765
5	Sand	770
3	Sandy Shale	773
72	Shale	845
3	Sandy Lime	848
2	Sandy Lime	850
5	Sand	858
2	Broken Sand	857
1	Broken Sand	858
12	Sandy Shale	870
50	Shale	920-TD
	<u>×</u>	

Short Cuts

BBLS. (42 gal.) equals D²x.14xh D equals diameter in feet. h equals the ight 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 - RPMxd over SPMxR d - SPMxRxD over RPM SPM - RPMXD over RxD R - RPMXD over SPMxD

BELT LENGTH - 2C + 1.57(D + d) + $\frac{(D-d)^2}{4C}$ * Need these to figure belt length WATTS = AMPS

TO FIGURE AMPS: VOLTS 746 WATTS equal 1 HP

Log Book

Well No.	1-2	
Well No.	1-2	

Farm East Condou

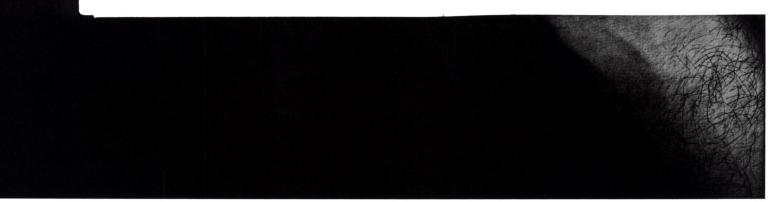
(State) (County)

27)'422(Section)(Township)(Range)

(Well Owner) For D+Z

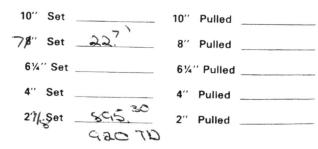
Town Oilfield Services, Inc.

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



East CondenEarm: Johnson County					
KS State; Well No. 1-2					
Elevation_10-31					
Commenced Spuding 20_13					
Finished Drilling $20 \sqrt{3}$					
Driller's Name Check Weever					
Driller's Name					
Driller's Name					
Tool Dresser's Name Cale Holcom					
Tool Dresser's Name Branken Stone					
Tool Dresser's Name					
Contractor's Name SOS					
<u>26 14</u>					
(Section) (Township) (Range)					
Distance from line, ft.					
Distance from <u>E</u> line, <u>HNCC</u> ft.					

CASING AND TUBING RECORD



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Thickness of Strata	Formation	Total	Remarks
34	sal I clar	34	i i i i i i i i i i i i i i i i i i i
5	Linne	39	
6	sheile	'45	
16	Livic	(0)	
7	Shelle	68	
e	Lime	77	
5	sand where the		
14	Line	104	
14	shalle	118	
22	Lime	2'40	
5	shelle	148	
55	Lime	203	
32	shale	<u></u>	
*8	Lime	233	
19	Sheile	252	
· _	Lime	258	
6	shale	264	
G	Lime	273	
33	shelle	206	
	Lime	307	
	shale	314	
ale	Lime	344	
-	shela	350	
26	Livne	373	
5	shale	375	
ч	Lime	382	
G	chale	348	

Thickness of		383	
Strata	Formation	Total Depth	Remarks
6	Livine	3414	
6	Shale	400	
7	sund	407	sver incoll
10	sendyshale	417	-
92	shalle	504	-
۲	escend	516	ever, ne el
1.0	sundy concile	521	· · · · · · · · · · · · · · · · · · ·
44	shele	565	
5	Lime	570	·
3	shale	573	
00	Lime	576	·
5	esheile	584	
7	Livie	5911	
16	shale	607	
3	Livie	510	·
S	shele	218	
9	simet shale	627	
101	shale	728	red bed (31)
6	Broken sind	734	eday vary little oil
10	sind, shale	7:-1-1	
21	shale	765	
\$	sind	770	
3	andy shale	773	ı
72	shale	245	
2	sondy Lime	818	edon, 25% - 20% . 1
2	and think	650	upely an
	-4-	865	80°6- 9040 good broding
	-4-		-5-

		855	
Thickness of Strata	Formation	Total Depth	Remarks
2	Broken scild	857	566 al
)	Broken wand	658	15% 0:1
12	surely shall	\$70	
50	shale	420	CJT
[]			
			j
			1
	-6-		-7-

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