

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1199046

Form ACO-1 August 2013 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:	SecTwpS. R
Address 2:	Feet from
City: State: Zip:+	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
□ Oil □ WSW □ SHOW □ 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:	Producing Formation: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Plug Back Conv. to GSW Conv. to Producer Commingled Permit #: Dual Completion Permit #: SWD Permit #:	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:
☐ ENHR Permit #: ☐ GSW Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	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
Confidentiality Requested
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

Page Two



Operator Name:			Lease Name: _			Well #:		
Sec Twp	S. R	East West	County:					
open and closed, flow and flow rates if gas t	ving and shut-in presson to surface test, along w	formations penetrated. I ures, whether shut-in pro vith final chart(s). Attach	essure reached stati n extra sheet if more	c level, hydrosta space is neede	itic pressures, bott d.	tom hole tempe	erature, fluid r	recovery,
		otain Geophysical Data a or newer AND an image		egs must be ema	ailed to kcc-well-lo	gs@kcc.ks.gov	 Digital elec 	tronic log
Drill Stem Tests Taken (Attach Additional	•	Yes No		_	on (Top), Depth ar		Samp	
Samples Sent to Geo	ological Survey	☐ Yes ☐ No	Nam	e		Тор	Datur	m
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No						
List All E. Logs Run:								
		CASING	RECORD Ne	ew Used				
		Report all strings set-	conductor, surface, inte	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 P Additiv	
		ADDITIONAL	OFMENTING / OOL					
Purpose:	Depth		CEMENTING / SQL	JEEZE RECORD		araant Additiraa		
Perforate	Top Bottom	Type of Cement	# Sacks Used		Type and F	ercent Additives		
Protect Casing Plug Back TD								
Plug Off Zone								
Did vou perform a hydra	ulic fracturing treatment o	on this well?		Yes	No (If No, ski	p questions 2 ar	nd 3)	
	=	raulic fracturing treatment ex	xceed 350,000 gallons		= ' '	p question 3)	,	
Was the hydraulic fractu	ring treatment information	n submitted to the chemical	disclosure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)	
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Per			cture, Shot, Cement			Depth
	Сроспу Г	octago of Laon morvari of	ioratou	(>1	mount and rand or ma	teriar Good)		Борит
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or EN							
Fotimeted Device C	0" -	Flowing			Other (Explain)) O" D "		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf Wate	er B	bls. G	Gas-Oil Ratio	Gr 	ravity
DISPOSITI	ON OF GAS:	1	METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:	
Vented Sold		Open Hole	Perf. Dually	Comp. Con	mmingled			
	bmit ACO-18.)	Other (Specify)	(Submit)	ACO-5) (Sub	omit ACO-4)			

Form	ACO1 - Well Completion
Operator	D & Z Exploration, Inc.
Well Name	East Gordon #I-12
Doc ID	1199046

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.825	7	20	20	Portland	10	none
Production	5.625	2.825	6.2	926	50/50 poz	133	none



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 # 266775
-----Invoice Date: 03/24/2014 Terms: 0/30/10,n/30 Page 1

D & Z EXPLORATION 901 N. ELM ST. P.O. BOX 159 ST. ELMO IL 62458 (618)829-3274 EAST GORDON I-12 42727 NW 27-14-22 03-20-2014 KS

Qty Unit Price Part Number Description Total 1124 50/50 POZ CEMENT MIX 1529.50 133.00 11.5000 1118B PREMIUM GEL / BENTONITE .2200 71.28 324.00 1111 SODIUM CHLORIDE (GRANULA 257.00 .3900 100.23 KOL SEAL (50# BAG) 1110A 665.00 .4600 305.90 4402 2 1/2" RUBBER PLUG 29.5000 1.00 29.50 Sublet Performed Description Total 9996-120 CEMENT MATERIAL DISCOUNT -602.07 Description Hours Unit Price Total 495 CEMENT PUMP 1085.00 1.00 1085.00 EQUIPMENT MILEAGE (ONE WAY) 495 30.00 4.20 126.00 .00 495 CASING FOOTAGE 927.00 .00 558 MIN. BULK DELIVERY 1.00 368.00 368.00 675 80 BBL VACUUM TRUCK (CEMENT) 2.00 100.00 200.00

Amount Due 3965.60 if paid after 04/03/2014

Sublt: -602.07 Supplies: .00 Change: .00	======= Parts: Labor:	.00	Freight: Misc:	.00	Tax: Total:	105.79 3319.13	 3319.1
	Sublt:	-602.07	Supplies:	.00	Change:	.00	

Signed	Date



266775

LOCATION OF Jawa KS
FOREMAN Fred Made

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

FIELD TICKET & TREATMENT REPORT CEMENT

STATE 910 M EIM ST 910 M EIM ST STATE 172 Fr. Mad 95 Mar Be 910 M EIM ST STATE 172 Fr. Mad 95 Mar Be 173 Mar Be 174 Mar Be 175 Mar De 175 Mar De 176 Mar Be 177 Mar Be 177 Mar Be 178	DATE	CUSTOMER#	WELL	NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
STONER & Z Exploration TRUCK B DRIVER TRUCK B DRIVER TRUCK B	3-20-14	3392	Fast 6	ordon	I.12	NB 27	14	22	マ٥
SHING ADDRESS 910 D EIM ST 172 Fr. Mad 910 D EIM ST 173 Har Be 1745 Har Be 175 Er Mad 175 Har Be 175 Er Mad 175 Har Be 175 Er Mad 175 Har Be 175 Har B	ISTOMER 1					TDUCK #		TRUCK # T	DRIVER
910 DEIM STATE STA	D 9	Z EXPLO	ration		+			TRUCK#	DRIVER
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7. 375% SALES TAX 105 79									3213,34
estimated 3737		-					7.375%		10579
	Pavin 3737		_ 1			-	, _B	ESTIMATED	2 - 1/3
	21110107			~ d.				TOTAL	3319.10
TITLE DATEDATE									

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:E. Gordon I-12 Lease Owner:D and Z Ex

Town Oilfield Service, Inc. Commenced Spudding: 03/19/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
6	soil/clay	6
13	sandstone	19
12	shale	31
2	lime	33
25	shale	58
7	\lime	65
5	shale	70
16	lime	86
10	shale	96
8	lime	104
7	shale	111
19	lime	130
17	sandy shale and sand	147
18	lime	165
8	shale	173
57	lime	230
22	shale	252
8	lime	260
19	shale	279
8	lime	287
3	shale	290
10	lime	300
34	shale	334
1	lime	335
11	shale	346
25	lime	371
8	shale	379
23	lime	402
5	shale	407
3	lime	410
5	shale	415
7	lime	422
5	shale	427
20	sandy shale	447
86	shale	533
7	sandy shale	540
36	shale	576
5	sand and sandy shale	581
15	shale	596
6	lime	602

Lease Owner:D and Z Ex

Johnson County, KS Well:E. Gordon I-12 Town Oilfield Service, Inc. Commenced Spudding: 03/19/2014

03/19/2014

3	shale	605
2	lime	607
6	shale	613
5	lime	618
9	sandy shale	627
9	shale	636
4	lime	640
9	shale	649
7	lime	656
40	shale	696
26	sandy shale	722
39	shale	761
6	broken sand	767
8	sandy shale	775
15	shale	790
3	lime	793
7	shale	800
7	sand	807
32	shale	839
5	sand	844
3	sandy shale	847
35	shale	882
3	sandy lime	885
2	sandy lime	887
1	sand	888
4	sand	892
1	sand	893
1	sand	894
2	broken sand	896
8	sandy shale	904
31	shale	935
10	sand	945
15	shale	960-TD
7		
		-

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals D²x.14xh 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 - 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 - AMP

746 WATTS equal 1 HP

Log Book

Well No	1-12	
Farm <u>&c.&\</u>	Conden	
(State)	5	<u> (County)</u>
(Section)	(Township)	
	(Well Owner)	Total Control of the

Town Oilfield Services, Inc.

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

est GordenFarm: Johnson County		
KS State; Well No. 11-13		AS
Elevation_ 3047	Feet	[장이상 언어 얼어째』
Commenced Spuding 3-1C 20_14		
Finished Drilling 3-20, 20 14		
Driller's Name Chad Water		
Driller's Name		
Driller's Name	-	FIRM STEED TO A WITH
Tool Dresser's Name Cala Holcom		
Tool Dresser's Name		
Tool Dresser's Name		
Contractor's Name		
27 14 22		
(Section) (Township) (Range)		
Distance from line,3S3Cft		
Distance from E line, 48:40 ft.		
	and the second	
3. Seiches		
CASING AND TUBING		
RECORD		
10" Set 10" Pulled		
\$" Set <u>33</u> 8" Pulled		
6¼" Set 6¼" Pulled		
4" Set 4" Pulled		
27/gSet 92(2" Pulled		1
9ko TO		-1-

Thickness of Strata	Formation	Total Depth	Remarks
	soil Iday	(.	Nellidiks
13	sendetone	10	
12	alicita	31	
2	Lille	33	,
25	slight	58	
	Lime	65	
5	shoile	70	
)(_	Lime	Sic	
10	shale	96	
8	Lime	104	
7	Shale	111	
101	Lime	130	
17 tc	adjohaletean	2347	
18	Lime	165	
8	Sheile	173	
57	Lime	230	
22	delle	252	. (2
8	Lime	260	
19	shale	279	
8	Lime	287	
3	should	290	
10	Lima	306	
34	chale	334	
1	Lime	335	
) \	Shoule	340	
25	Lime	371	
8	shale	379	

		379	· ·
Thickness of Strata	Formation	Total Depth	Remarks
23	Lime	402	Nemans
5	eliala	407	
3	Lime	410	
_ 5	shale	415	
7	lime	133	
5	shale	427	Hartha
	sciplyshale	147	
86	encile	533	
	sendyshale	540	
26	Shale	576	
	sand deandy to	2581	
15	shale	596	No or
6	Line	602	
3	shale	6.05	
2	Lime	207	
6	shale	613	
5	Line	618	
Ci.	and female	427	
9	Shale	636	
4	Lime	640	
q	Shale	649	
7	Lime	CSC .	
OF	shale	196	
26	sand, chale	722	red bed - 660
39	shale	761	
. (,	Broken send	767	111 1 1001
X	sevidychale	775	1. the oder, with some Brown

-4-

-	_	
,	\neg	400
,	- 1	

		175	
Thickness of Strata	Formation	Total Depth	Remarks
15	Shale	790	
	Lime	793	
	shorle	800	
7	sand	867	1 sucy 111001
30	shale	839	
5	sand	8.1.4	snew no oil
3	sendyshole	847	3 3
35	Siale	882	
3	sendylima	885	ader, (690- 800 on 1, ok when)
2	send, Limo	887	15% 20% 0.1
1	send	828	25% 0.1
14	send	892	80% 90% 0.1, coch Woodis
)	sond	3513	40916-50°/6 6.1
)	sen d	8914	20% 6.1.
2	Broken serd	596	1000.
8	sand y sheet o	404	
31	chale	935	
10	send	9:15	
15	elial e	960	ar
	,		
		ь	
		di regioni	
		The second	