Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1233302

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:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
	Field Name:
New Well Re-Entry Workover	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
GSW Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:	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	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	
SWD Permit #: ENHR Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #: GSW Permit #:	Operator Name:
	Lease Name: License #:
	Quarter Sec TwpS. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date Recompletion Date	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	1233302
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sh		Yes No	L	og Formatio	on (Top), Depth and	d Datum	Sample
Samples Sent to Geolog		Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-o	RECORD Ne		on, 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 / SQL	JEEZE RECORD			
Purpose: Depth Type Perforate		Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							
Did you perform a hydraulio	c fracturing treatment of	on this well?		Yes	No (If No, skip	o questions 2 an	d 3)
	-	raulic fracturing treatment ex n submitted to the chemical o	-	? Yes [o question 3) out Page Three o	of the ACO_{-1}
	y ii caiment iniornalio	in submitted to the chemical t	listiosure registry?			ut age meet	

Shots Per Foot		PERFORATION Specify For		RD - Bridge Plu Each Interval Pe		e			ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packe	r At:	Liner F	Run:	No	
Date of First, Resumed	Producti	ion, SWD or ENHF	} .	Producing Me	ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI	ON OF G	BAS:							PRODUCTION INTER	VAL:
Vented Solo	1 🗌 L	Jsed on Lease		Open Hole	Perf.	Uually (Submit)		Commingled (Submit ACO-4)		
(If vented, Su	bmit ACO	9-18.)		Other <i>(Specify)</i> _		(0001111)	,	(2020)		

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Johnson County, KS Town Oilfield Service, Inc. Commenced Spudding: Well: TEA 11-A (913) 837-8400 07/14/2014 Lease Owner: DE Exploration

WELL LOG

Thickness of Strata	Formation	Total Depth
0-12	soil/clay	12
22	shale	34
24	lime	58
7	shale	65
9	lime	74
5	shale	79
19	lime	98
22	shale-redbud	120
2	sand	122
25	lime	147
7	shale	154
13	sandy shale	167
13	shale	180
12	lime	192
20	shale	212
9	lime	221
7	shale	228
11	lime	239
14	shale	253
6	shale and lime	259
6	lime	265
7	shale	272
5	lime	277
32	shale	309
2	lime	311
9	shale	320
9	lime	329
1	shale	330
15	lime	345
7	shale	352
23	lime	375
4	shale	379
5	lime	384
3	shale	387
7	lime	394
26	shale	420
10	sandy shale	430
7	sand and sandy shale	437
8	sandy shale	445
58	shale	503

Johnson County, KSTown Oilfield Service, Inc.Commenced Spudding:Well: TEA 11-A(913) 837-840007/14/2014Lease Owner: DE Exploration07/14/2014

2	sand	507
2	sandy shale	509
52	shale	557
3	sandy shale	560
6	shale	566
5	lime	571
6	shale	575
2	lime	577
10	shale	587
7	lime	594
15	shale	609
3	lime	612
10	shale	622
6		
30		628
3	shale	658
65	lime	661
	shale	726
11	sand	737
4	\sandy shale	741
45	shale	786
4	sandy shale	790
54	shale	844
1	sandy lime	845
5	sand	850
90	shale	940-TD
÷		
	J	

Short Cuts

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) + (D-d)² 4C

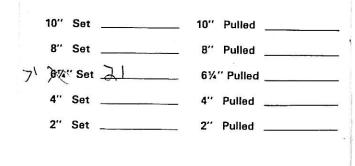
* Need these to figure belt length WATTS = AMPS TO FIGURE AMPS: VOLTS 746 WATTS equal 1 HP

LOQ	ј БО	OK
Well No. <u>11 - A</u>		
Farm_TEA_		
K 5 (State)	John	<u>50ባ</u> (County)
(Section)	(Township)	21 (Range)
For D.E. Ex	ploration Well Owner)	٩

Town Oilfield Services, Inc. 1207 N. 1st East Louisburg, KS 66053 913-710-5400

TEA Farm: Johnson County Elevation 1(203 Commenced Spuding ______7/14 _____20 14 Finished Drilling ______ 07/15 _____ 20_14 Driller's Name <u>Creefery</u> Driller's Name Driller's Name Tool Dresser's Name Kenny Gimm Tool Dresser's Name Was Dollard Tool Dresser's Name Contractor's Name 109 21 (Section) (Township) (Range) 4200 ft. ____ line, __ Distance from ____ Distance from _____E 1515 ft. ____ line, _ 4 bags of (ement

CASING AND TUBING RECORD



CASING AND TUBING MEASUREMENTS

Feet	ln.	Feet	ln.	Feet	In.
871		Biff	10	27	1W
901	80	Tota	1		3
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-1-

Thickness of Strata	of Formation	Total Depth		Remarks	
0-12	Soil-Clay	12	- G		•
22	Shale	34		1601 2	
24	Line	58		3 1.	- <u>\</u>
7	Shale	65	1		
24 7 9	Line	74	1. 1. 2. 1	5 1214	·
5	Shale	79		5-161-2	
19	Lime	98	326	A MARK	
22 2	Shalp - Red bed	120	N. S. S.		
à	Sand	122	-No Oil	list 2	
25	Line	147		Species of present	N. E
7	Shale	154	$\langle v \rangle \sim \langle v $	I set in the	· · · ·
13	Sandy Shale Shale	167	1	in shi Cature	
13	Shale	180	(())	1 IS 1	
12	Lime	192		Alla 2	1
20	Shalo	202	102	And March	
9	Lime	221	in the	2442	-
7	Sharle	228		and shared	e st
11	Lime	239	1.1.2	「夜り二	, ,
14	Shale	253	- 14 (C	2-1.1	1 ^e
6	Shalebalime	259	250	The second	Į.
6	Lime	269	<u></u>		
7	Shake	272	Carlos Carlos	S. A. S.	1
5	Lime	277	Nº.	- ₍₁ , - 1	
32	Shale	309	i je Vje) + j x / x'	1
2	Lime	311	1 1	1.5	
14 6 6 7 32 32 7 9 2 9 2 9	Shale	320	1. J	The second s	.)
9	Lime -2-	729	X.K	3.10	

-3-

Thickness of	Formation	329 Total	1	
Strata		Depth	-	Remarks
16	Shale	310	- 2	
15	Lime	345	-*	x . · · · · · · · · · · · · · · · ·
_7	Sharla	352		1 . I.
23	Lime	375		1.
<u> </u>	Shale	379	1.5.3	
<u> </u>	Line	384	125	
3	Shale	387		2 (A) - 12 -
7	Lime	394	Hartha	in the second
26	Shale	\$20	- wring	
10	Sondy Shale	430	520	have a
7	Sand & Sandy Shale	437		A to be a
8	Sandy Shale	449		
58 R	Shafe	503	-	
み	Sond	507		
2	Sandy Shale	509		
52	Sharke	557		
3	Sandy Shale	560		
6	Shale	566		
5	Lime	571	-	
4	Shale	\$75		
2	Lime	577		•
(0)	Shale	587		
7	Line	594		
15	Lime Shak	609		
3	Lime	612		
10	Sharte.	612 622		
6	Lime	63.8		
	-4-			<u></u>
				-0- <

Thickness of Strata	Formation	Total Depth	Remarks
30	Shale	658	
3	Line	661	-
65	Shale	726	
[[Sand	737	NoOil
Ч	Sandy Shelle	741	
45	Shalo	786	
ý	Sandy Shale	790	
54	Shale	844	
λ	Sandy lime	845	Broken-Good Saturation
5	Sand.	850	Broken-Good Saturation
10	Shale	940	TO
Б.			
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	-6-		-7-

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CONSOLI Oil Well Serv	ices, LLC Consolida	REMUT TO ated Oil Well Services, LLC Dept. 970 P.O. Box 4346 Iston, TX 77210-4346	Сһапи 620/431-9210 • 1-8	AIN OFFICE P.O. Box 884 Ite, KS 66720 300/467-8676 320/431-0012
INVOICE			Invoice #	
Invoice Date: 07/28		/0/10,n/30		age 1
D.E. EXPLORATIC DOUG EVANS P.O. BOX 128 WELLSVILLE KS (785)883-4057	N 66092	TEA #11A 47442 NE1-15-21 07/15/2014		
Part Number 1124 1118B 1111 1110A 4402	Description 50/50 POZ CEMENT PREMIUM GEL / BE SODIUM CHLORIDE KOL SEAL (50# BA 2 1/2" RUBBER PL	MIX 114.00 NTONITE 292.00 (GRANULA 220.00 .G) 570.00	.3900	Total 1311.00 64.24 85.80 262.20 29.50
Sublet Performed 9996-120	Description CEMENT MATERIAL :	DISCOUNT		Total -516.97
Description 495 CEMENT PUMP 495 EQUIPMENT MILE 495 CASING FOOTAGE 548 MIN. BULK DELT 675 80 BBL VACUUM	VERY	Hours 1.00 30.00 901.00 1.00 1.50		Total 1085.00 126.00 .00 368.00 150.00

4

Amount Due 3611.02 if paid after 08/07/2014

========	============	=================	=========			=======	
Parts:	1752.74	Freight:	.00	Tax:	91.15	AR	3055.92
Labor:	.00	Misc:	.00	Total:	3055.92		0000174
Sublt:	-516.97	Supplies:	.00	Change:	.00		
========	===========	==================	=========		=======================================	========	

 Signed______
 Date_____

 BARTLESVILLE, OK
 EL DORADO, KS
 EUREKA, KS
 PONCA CITY, OK
 OAKLEY, KS
 OTTAWA, KS
 THAYER, KS
 GILLETTE, WY
 CUSHING, OK

 918/338-0808
 316/322-7022
 620/583-7664
 580/762-2303
 785/672-8822
 785/242-4044
 620/839-5269
 307/686-4914
 918/225-2650

	Consolidated	269730		TICKET NUM	BER4	7442
	Qii Wali Services, LLC			LOCATION_(KS
				FOREMAN_	-red Ma	der
	Chanute, KS 66720 F or 800-467-8676	ELD TICKET & TREA CEMEN		PORT		
DATE	CUSTOMER # WE	LL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7.15.14	2355 TEA	- + 11 A	NEI	15	21	20
	= Explanation					
MAILING ADDF			TRUCK #	DRIVER	TRUCK #	DRIVER
PO	. Box 128		712	Fre Mad	·	
CITY	STATE	ZIP CODE	495	Harber		
De We	ellswille KS	66092	675	Ki Det		
JOB TYPE K	mastring HOLE SIZE	51/8 HOLE DEPTH	<u> </u>	Bre Man/ Do CASING SIZE & V	withe	L
CASING DEPT		Baffle In TUBING @	871	CASING SIZE & V		
SLURRY WEIG	HT SLURRY VOL	2024 (C. 1925 St. 1926 - 2016		CEMENT LEFT in	OTHER	Plus
DISPLACEMEN	T DISPLACEME			RATE YBP		<u> </u>
REMARKS:	told arew Saf	et meeting E	stablish	circulat	Law M.	0
100 # 0	el Flush. M.	YOX Pumal' II	4 cke	50/50 Pm	Min M	ment
2% 6	l 5% Salt Ft.	KolSed) SK. ("enrent y	o Surfa	P.	
Dumo	+ lines alean.	Displace 2's"	Rubber D	Une to he	TNI	
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TOS	Drilling			70	MID	
	0.			fille	prover	
ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of	SERVICES or PRO	DDUCT	UNIT PRICE	TOTAL
5401	,	PUMP CHARGE				TOTAL
5406	Bomi	MILEAGE		495		10850
				495		12600
5402 5407	701	Casing footag	ρ			N/C
	minimum	Ton Miles		548		36800
55020	1/2hrs	80 BBL Vac	ruck	675		15000
1.0.1						
1124	114 SKS	50/50 Por Mix Co		· · · · · · · · · · ·	131100	
7118B	292*	Premium Gel			1424	
141	220#	Granulated So	H		8550	
1110 A	570#	Kal Seal			26220	
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4402	1	22" Rubber PI	ug			29.50
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			(3611.12		
	h		(7.375%	SALES TAX	9, 4
vin 3737	Bryon Mals		(SALES TAX ESTIMATED TOTAL	91. "" . उठ् <i>र</i> भ

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.