

Kansas Corporation Commission Oil & Gas Conservation Division

1144939

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:	SecTwpS. R
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: ()	□NE □NW □SE □SW
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 Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	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: sx cmt
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 Conv. to GSW	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec TwpS. R
ENHR Permit #:	County: Permit #:
GSW Permit #:	. 5
Spud Date or Date Reached TD Completion Date or Recompletion Date 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



Operator Name:			Lease Name	ə:		_ Well #:	
Sec Twp	S. R	East West	County:				
ime tool open and clo	sed, flowing and shut s if gas to surface tes	d base of formations pe -in pressures, whether st, along with final chart well site report.	shut-in pressure	reached static leve	l, hydrostatic pres	sures, bottom h	ole temperature, fluid
Orill Stem Tests Taken (Attach Additional S		Yes No		Log Formati	on (Top), Depth ar	nd Datum	Sample
Samples Sent to Geole	ogical Survey	Yes No	N	lame		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy,	I Electronically	Yes No Yes No Yes No					
List All E. Logs Run:							
		CASING Report all strings set	RECORD	New Used	ction, 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
		ADDITIONA	L CEMENTING /	SQUEEZE RECOR	D		
Purpose: — Perforate — Protect Casing — Plug Back TD — Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	1	Type and I	Percent Additives	
Shots Per Foot	PERFORATIO Specify F	ON RECORD - Bridge Plu ootage of Each Interval Pe	gs Set/Type erforated		acture, Shot, Cemen		d Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed I	Production, SWD or ENI	HR. Producing Me	thod:	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	Used on Lease	Open Hole		ually Comp. C	ommingled ubmit ACO-4)	PRODUCTIO	ON INTERVAL:

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

Commenced Spudding: 5-22-2013

Well: Lowe 6 Lease Owner: Lowe's Arena, LLC

WELL LOG

hickness of Strata	Formation	Total Depth
0-9	Soil & Clay	9
1	Lime	10
5	Clay	15
19	Lime	34
6	Shale	40
11	Lime	51
5	Shale	56
18	Lime	74
39	Shale	113
23	Lime	136
71	Shale	207
22	Lime	229
26	Shale	255
6	Lime	261
25	Shale	286
7	Lime	293
26	Shale	319
23	Lime	342
8	Shale	350
23	Lime	373
4	Shale	377
4	Lime	381
3	Shale	384
6	Lime	390
46	Shale	436
10	Sand	446
27	Sandy Shale	473
29	Shale	502
3	Sand	505
4	Sand	509
27	Shale	536
1	Lime	537
8	Shale	545
7	Lime	552
8	Shale	560
9	Sand	569
21	Shale	590
8	Lime	598
13	Shale	611
3	Lime	614

Franklin County, KS Well: Lowe 6

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

Commenced Spudding: 5-22-2013

Lease Owner: Lowe's Arena, LLC

11	Shale	625
7	Lime	632
3	Shale	635
3	Lime	638
17	Shale	655
2	Shale & Lime	657
3	Shale	660
1	Sandy Shale	661
1	Sand	662
8	Sand	670
25	Sandy Shale	695
22	Shale	717
6	Sand	723
37	Shale	760
**		
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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

TO FIGURE AMPS:

WATTS = AMPS

746 WATTS equal 1 HP

Log Book

Well No	<u>G</u>	
j		
Farm	الله الله	
KS	Fire	m lilivi
(State)		(County)
1 1/20 many	16	21
(Section)	(Township)	(Range)
For LOWES	Acres,	LLC
(\	Well Owner)	

Town Oilfield Services, Inc.

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

	Brooke	4.00 ID TUBING MEA	
Low E Farm: Franklin County	100		
State; Well No		Feet In.	Feet In.
Elevation 963	397.1	13-7-4	1
Commenced Spuding May 22 20 13 Finished Drilling May 23 20 13	735 1	Flort	
Finished Drilling May 23 20 13	2 2 2/ 3/ 1	1 10 57	
Driller's Name Wesley Dollard			2/3
Driller's Name			
Driller's Name			
Tool Dresser's Name Colt Stone			
Tool Dresser's Name Colt Stone			
Tool Dresser's Name			
Contractor's Name			
17 16 21			
(Section) (Township) (Range)			
Distance from S line, / 4/5ft.			
Distance from E line, 4505ft.			
2 Secks			
Shis			
CASING AND TUBING			
RECORD			
			×
10" Set 10" Pulled			
8" Set 8" Pulled			
7 6%" Set 6%" Pulled			
4" Set 4" Pulled		1	

2" Set _____

2" Pulled _____

-1-

Thickness of	Formation	Total	5
Strata		Depth q	Remarks
0-7	Soil-clay		-
	Lime /	10	-
5	lime	15	
19	Limk	34	
4	Shale	40	
11	Lime	51	
	shelf	56	
18	Lime	74	
30	Shalt	1/3	Since Since
73	Lime	136	
7194	shale 200	1 1400	some since
22	Lime	2201	- 31,000
26	Shi L	255	
6	Lime	261	
35	Shale	286	
7	Lime	293	
26	Shale	3/9	
23	Livny	342	
5	Shald	350	
23	Lime	373	
4	Shire	377	
4	Lime	381	
3	Shalf	384	
6	Lime	390	Hertha
46	shale	436	
10	sound	446	ne 2: 1
27	Scholy Shall	473	
	1-2-		-3-

Thickness of		Total	
Strata	Formation	Depth	Remarks
29	shale	502	
_3	Sancl	505	No OII
4	SALO	50-1	- broken - Slight show
27	Shalt	536	3,977
)	Lime	537	
8	Shale	545	
7	Lime	552	
8	shalt	560	
9	Sind	569	orler - no show
21	shal e	590	
8	Lime	598	
13	Shigl-E	611	
3	Lime	614	
11	Shale	625	
7	Lime	632	
3	Shalt	635	
3	Limi	638	
17	shale	655	
\mathcal{A}	duly & lime	657	
3	5halt	doc	-
1	sandy shold	661	
1	sand,	662	no Cil
8	sand	670	brekty good Vil
25	sandy shall	145	
22	shale	7/7	
6	Seincl	723	no Cil
37	Shalt	760	TD
	-4-		-5-



259122

LOCATION Of Laws

FOREMAN Alan Moder

				FOREMAN	100 2010	
Roy 884. Chantt	te, KS 66720	FIELD TICKET &				
431-9210 or 80	00-467-8676		EMENT	TOWNSHIP T	RANGE	COUNTY
	STOMER#	WELL NAME & NUMBER		TOWNSHIP	PANGE	COUNTY
-23.13	7823 LON	e # 6	3W 1			
TOMER	1 / 6 000 0		TRUCK#	DRIVER	TRUCK#	DRIVER
ING ADDRESS	: Lomp	7	516	AlaMad		
1206	11/287		368	SHM		
YAUL	STATE	ZIP CODE	675	Kei Det		
a ola_	I KS	46071	558	W.I Mat		175
	STOING HOLE SIZ	E 3 3/8 HO	LE DEPTH 760	CASING SIZE & W	10	8
ING DEPTH_	ARILL PI	PETU	BING		OTHER 69	1 Gast
RRY WEIGHT	SLURRY		ATER gal/sk	_ CEMENT LEFT in	CASING	3
PLACEMENT	H DISPLAC	EMENT PSI800 MI		RATE 7	por	14
MARKS: Held	neeting	Hopked to	casing I	stablishe	d vat	<u>«</u> .
lixed &	pumped	100 7 90	tollowed	10 x 50	6K 501	Flict
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ima f	umerch	plug to	pattle.	Well no	100 86	JU PO
The FI	pat Cl	BSER V	alve.			
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				Aller		
	QUANITY or UNITS	DESC	RIPTION of SERVICES o	PRODUCT	UNIT PRICE	TOTAL
ACCOUNT CODE	QUANITY or UNITS		RIPTION of SERVICES o	PRODUCT 3108	UNIT PRICE	TOTAL
CODE	QUANITY OF UNITS	PUMP CHARGE	RIPTION of SERVICES o		UNIT PRICE	TOTAL 1085-2 84.00
	20	PUMP CHARGE MILEAGE	RIPTION of SERVICES o	368	UNIT PRICE	1085-2 84.00
CODE	QUANITY or UNITS	PUMP CHARGE MILEAGE	RIPTION of SERVICES o	368 368	UNIT PRICE	TOTAL 1085-2 84.00
CODE	20	PUMP CHARGE MILEAGE CASIA	RIPTION of SERVICES o	3le8 3le8 3le8	UNIT PRICE	1085-2 84.00
CODE	20	PUMP CHARGE MILEAGE	RIPTION of SERVICES o	3le8 3le8 3le8 558	UNIT PRICE	1085-2 84.00
CODE	20	PUMP CHARGE MILEAGE CASIA	RIPTION of SERVICES o	3le8 3le8 3le8 558	UNIT PRICE	1085-2 84.00
701	20 727 Min 11/2	PUMP CHARGE MILEAGE CAS JA FROM BO	footage nailes	3lo8 3lo8 3lo8 538 lo75	UNIT PRICE	1085-2 84.00
CODE	20 727 727 Min 1/2	PUMP CHARGE MILEAGE CASIA	RIPTION of SERVICES of footage sailes	3lo8 3lo8 3lo8 538 lo75	UNIT PRICE	1085-2 84.00 368.0 135.0
124 118 B	20 727 Min 11/2	PUMP CHARGE MILEAGE CAS JA FROM BO	footage nailes	3lo8 3lo8 3lo8 538 lo75	UNIT PRICE	1085-2 84.00 368.0 135.0
124 118 B	20 727 727 Min 1/2	PUMP CHARGE MILEAGE CAS JA FROM BO	footage nailes	3lo8 3lo8 3lo8 538 lo75	UNIT PRICE	1085-2 84.00 368.0 135.0
100 106 1402 1407 502C	20 727 727 Min 1/2	PUMP CHARGE MILEAGE CAS JA FROM BO	footage nailes	3lo8 3lo8 3lo8 538 lo75	UNIT PRICE	1085-3 84.00 368.0 135.0
100 106 1402 1407 502C	20 727 727 Min 1/2	PUMP CHARGE MILEAGE CAS JA FROM BO	footage nailes	3lo8 3lo8 3lo8 538 lo75	UNIT PRICE	1085-2 84.00 368.0 135.0
124 118 B	20 727 727 Min 1/2	PUMP CHARGE MILEAGE CAS JA FROM BO	footage nailes	3lo8 3lo8 3lo8 538 lo75	UNIT PRICE	1085-3 84.00 368.0 135.0
CODE	20 727 727 Min 1/2	PUMP CHARGE MILEAGE CAS JA FROM BO	footage nailes	3lo8 3lo8 3lo8 538 lo75		1085-2 84.00 368.0 135.0 1035.0 55.22 29.52
124 118 B	20 727 727 Min 1/2	PUMP CHARGE MILEAGE CAS JA FROM BO	footage nailes	368 368 368 558 675		1085-2 84.00 368.0 135.0 1035.0 55.22 29.52
124 118 B	20 727 727 Min 1/2	PUMP CHARGE MILEAGE CAS JA FROM BO	footage nailes	3lo8 3lo8 3lo8 538 lo75		1085-2 84.00 368.0 135.0 1035.0 55.22
124 118 B	20 727 727 Min 1/2	PUMP CHARGE MILEAGE CAS JA FROM BO	footage nailes	368 368 368 558 675		1085-2 84.00 368.0 135.0 1035.0 55.22 29.52
124 118 B	20 727 727 Min 1/2	PUMP CHARGE MILEAGE CAS JA FROM BO	footage nailes	368 368 368 558 675		1085-2 84.00 368.00 135.00 55.22 29.50
100E 701 706 706 707 502C	20 727 727 Min 1/2	PUMP CHARGE MILEAGE CAS LA how b 80 L	footage nailes	368 368 368 558 675		1085-2 84.00 368.0 135.0 55.22 29.52

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.