

Confiden	tiality Requested:
Yes	No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1174119

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:			Sec.	TwpS. R	East West
Address 2:			F6	eet from North /	South Line of Section
City:	State: Z	ip:+	Fe	eet from East /	West Line of Section
Contact Person:			Footages Calculated from	Nearest Outside Section C	Corner:
Phone: ()			□ NE □ NW	V □SE □SW	
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:	W	ell #:
	e-Entry	Workover	Field Name:		
	_		Producing Formation:		
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW ∏ SIGW	Elevation: Ground:	Kelly Bushing:	
	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total D	epth:
CM (Coal Bed Methane)	dow	Terrip. Abd.	Amount of Surface Pipe Se	et and Cemented at:	Feet
☐ Cathodic ☐ Other (Co	ore, Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes	No
If Workover/Re-entry: Old Well I			If yes, show depth set:		Feet
Operator:			If Alternate II completion, c	cement circulated from:	
Well Name:			feet depth to:	w/	sx cmt.
Original Comp. Date:					
Deepening Re-perf	J	ENHR Conv. to SWD	Drilling Fluid Managemer	nt Dlan	
☐ Plug Back	Conv. to G		(Data must be collected from to		
Commingled	Pormit #:		Chloride content:	ppm Fluid volume	: bbls
Dual Completion			Dewatering method used: _		
SWD			Location of fluid disposal if	f hauled offsite:	
☐ ENHR					
GSW	Permit #:		Operator Name:		
_ _			Lease Name:	License #:_	
Spud Date or Date R	eached TD	Completion Date or	QuarterSec	TwpS. R	East West
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



Operator Name:			Lease Name:			Well #:	
Sec Twp	S. R	East West	County:				
open and closed, flow	ing and shut-in pressu	ormations penetrated. Dures, whether shut-in pre ith final chart(s). Attach	ssure reached stati	c level, hydrosta	tic pressures, bott		
		tain Geophysical Data a r newer AND an image f		gs must be ema	iled to kcc-well-log	gs@kcc.ks.gov	. Digital electronic log
Drill Stem Tests Taken (Attach Additional S		Yes No			n (Top), Depth an		Sample
Samples Sent to Geol	ogical Survey	☐ Yes ☐ No	Nam	9		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING	RECORD Ne	w Used			
		Report all strings set-o			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	EEZE RECORD	I	1	
Purpose:	Depth	Type of Cement # Sacks Used			Type and Pe	ercent Additives	
Perforate Protect Casing Plug Back TD	Top Bottom						
Plug Off Zone							
Does the volume of the to	•	n this well? aulic fracturing treatment ex submitted to the chemical o		Yes [Yes [Yes [No (If No, ski)	o questions 2 ar o question 3) out Page Three	
Shots Per Foot		N RECORD - Bridge Plug			cture, Shot, Cement		
	Specify Fo	ootage of Each Interval Perf	orated	(Ar	nount and Kind of Ma	terial Used)	Depth
	0:						
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or ENH	IR. Producing Meth		Gas Lift C	other (Explain)		
Estimated Production Per 24 Hours	Oil B	bls. Gas	Mcf Wate	er Bl	bls. G	ias-Oil Ratio	Gravity
				T.O.		DE 0-11-	
DISPOSITION Vented Sold	ON OF GAS: Used on Lease	Open Hole	METHOD OF COMPLE Perf. Dually		nmingled	PRODUCTIO	ON INTERVAL:
(If vented, Sub		Other (Specify)	(Submit A		mit ACO-4)		



CEMENT FIELD TICKET AND TREATMENT REPORT

ustomer	Larry Watts	State, County	Montgomery , Kansas	Cement Type		CLASS A
ob Type	Long String	Section	9	Excess (%)		30
ustomer Acct #		TWP	35	Density		14
/ell No.	Longhorn #18	RGE	15	Water Required		7.2
ailing Address		Formation		Yeild		1.73
ity & State		Tubing		Sacks of Cement		60
p Code		Drill Pipe		Slurry Volume		18.5 bbl
ontact		Casing Size	4 1/2" (9.5#)	Displacement		9.4
mail		Hole Size	6 3/4"	Displacement PSI		300
ell		Casing Depth	580'	MIX PSI		200
ispatch Location	BARTLESVILLE	Hole Depth		Rate		4 bpm
ode	Cement Pump Charges and Mileage	Quantity	Unit	Price per Unit		
5401	CEMENT PUMP (2 HOUR MAX)	1	2 HRS MAX	\$1,085.00	\$	1,085.0
5402	FOOTAGE	580	PER FOOT	\$0.22	\$	127.6
0			0	\$0.00	\$	are abrecana.
0			0	\$0.00	\$	Control of the contro
0			0	\$0.00	\$	-
0			0	\$0.00	\$	
0			0	\$0.00	\$	
0			0	\$0.00	\$	
0			0	\$0.00	\$	
		45(45) 64 <u>1</u> .3		EQUIPMENT TOTAL		1,212.6
	Cement, Chemicals and Water			Edon MENT TOTAL		
1126	WC. CEMENT (CAL SEAL) 6%OWC. 2% CAL.CLORIDE 2% GE	60	0	\$19.75	\$	1,185.0
1118B	PREMIUM GEL/BENTONITE (50#)	150	0	\$19.75	\$	33.0
1107A	PHENOSEAL	40	0	\$1.35	\$	54.0
1110/A		350	0	\$1.35	\$	161.0
1110A 1111	KOL SEAL (50 # SK) GRANULATED SALT (50#) SELL BY #	350	0	\$0.46	\$	136.5
0	GRANULATED SALT (30#) SELL BY #	350	0	\$0.39	\$	136.5
0			0	\$0.00	\$	<u> </u>
0			0	\$0.00	\$	-
0			0	\$0.00	\$	
0			0	\$0.00	\$	
0			0	\$0.00	\$	
0			0		\$	-
0				\$0.00		
0			0	\$0.00	\$	-
U			0	\$0.00	\$	1 500 5
				Chemical Total	\$	1,569.5
	Cement Water Transports		But he was a series of the ser			
0			0	\$0.00	\$	-
0			0	\$0.00	\$	-
0		A CONTRACTOR OF THE PARTY OF TH	0	\$0.00	\$	
				Transports Total	\$	-
	Cement Floating Equipment (TAXABLE)	Control of the Control				
	Cement Basket					
0			0	\$0.00	\$	<u> </u>
	Centralizer					
0			0	\$0.00	\$	-
0			0	\$0.00	\$	-
	Float Shoe					
00			0	\$0.00	\$	_
	Float Collars				ancun	
0			0	\$0.00	\$	-
	Guide Shoes					
0			0	\$0.00	\$	-
	Baffle and Flapper Plates				•	
0	D. J. Ol		0	\$0.00	\$	-
	Packer Shoes				•	
0	DUT 1		0	\$0.00	\$	-
	DV Tools				•	
0	D-11/41 - 2 - 4 - 2:		0	\$0.00	\$	
N. T. S. L. S.	Ball Valves, Swedges, Clamps, Misc.				•	Black Control
0			0	\$0.00	\$	•
0			0	\$0.00	\$	-
0	Divise and Ball Cools		0	\$0.00	\$	-
4404	Plugs and Ball Sealers		DEDUNT	647.05	6	
4404	4' 1/2" RUBBER PLUG	1	PER UNIT	\$47.25	\$	47.2
_	Downhole Tools			60.00	•	
			0 CEMENT FLOATING E	\$0.00	\$	47.2
0	DRIVER NAME		CEMENT FLOATING E		\$	2,829.3
		1	6.30%	SALES TAX	S	101.8
TRUCK#	Kirk Sanders		5.0070	TOTAL	S	2,931.2
	Kirk Sanders Bryan Scullawl]		IOIALI		
TRUCK#	Bryan Scullawl Johnnie Goad]	5%	(-DISCOUNT)	\$	141.4
TRUCK# 577 398	Bryan Scullawl			(-DISCOUNT)	\$	
TRUCK# 577 398	Bryan Scullawl Johnnie Goad			(-DISCOUNT)	\$	
TRUCK# 577 398	Bryan Scullawl Johnnie Goad			(-DISCOUNT)	\$	
TRUCK# 577 398	Bryan Scullawl Johnnie Goad			(-DISCOUNT)	\$	2,789.74
TRUCK# 577 398	Bryan Scullawl Johnnie Goad Nunneley's	TITLE	DISC	(-DISCOUNT)	\$	

CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	Larry Watts	State, County	Montgomery , Kansas	Cement Type	CLASS A
ob Type	Long String	Section	9	Excess (%)	30
Customer Acct #	0	TWP	35	Density	14
Well No.	Longhorn #18	RGE	15	Water Required	7.2
Mailing Address	0	Formation	0	Yeild	1.73
City & State	0	Tubing	0	Sacks of Cement	60
Zip Code	0	Drill Pipe	0	Slurry Volume	18.5 bbl
Contact	0	Casing Size	4 1/2" (9.5#)	Displacement	9.4
Email	0	Hole Size	6 3/4"	Displacement PSI	300
Cell	0	Casing Depth	580'	MIX PSI	200
Dispatch Location	BARTLESVILLE	Hole Depth	0	Rate	4 bpm
Time:	Description	Rate (bpm)	Volume (bbl)	Pressure	Notes
Amo	unt of Cement Left in Casing				
	1,1367.2.1.911.8128.1.1.1.1.1.1.1	Remarks:			
	n last 10', ran gel / LCM and established circ., r				
Flushed pump	and lines, dropped plug and displaced 9.4 bbl t			to surface, shut down and	l washed up.
	Nun	neley charged customer for T	P & water.		
	98 (28) (27) (80 YELL)	ATTACK DE TAKE	- Na Jagana . m 14		
		- Y			
La Succession of the Paris		to the littless	and The State of the		
17 10 37 30 ,8					

Air Drilling Specialist Oil & Gas Wells

THORNTON AIR ROTARY, LLC Office Phone: 620-879-2073

PO Box 449 Caney, KS 67333

Date Started	10/3/2013
Date Completed	10/4/2013

Operator			A.P.I #	County	State
Larry Watt		15-125-32396-00-00	Montgomery	Knasas	
Well No.	Lease		Sec.	Twp.	Rge.
18 Longhorn		9	35	15	
Туре	Driller C	ement Used	Casing Used	Depth	Size of Hole
Oil	Brantley Thornton	4	20' 85/8	586	6 3/4

Formation Record

0-8	MUD		
8-21	SANDY SHALE		
21-160	SANDY SHALE		
160-200	SAND		
165	PICKED UP LOTS OF WATE	3	
185	WENT TO WATER		
200-208	LIME		
208-245	SANDY SHALE		
245-260	LIME		
260-272	SAND		
272-400	SANDY SHALE		
400-474	SAND		
474-476	LIME		
476-480	SHALE		
480-496	SANDY SHALE		
496-503	LIME		
503-509	SAND / LIGHT ODOR		
509-513	SAND / GOOD ODOR & LIGHT SH	OW	
513-526	SAND / GOOD ODOR & SHOW IN	PIT	
526-528	SAND / LIGHT ODOR, NO S	HOW	
528-540	SAND		
540-586	SANDY SHALE		
586	TD		