

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1272884

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	Temp. 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:		
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 Plan	
Plug Back	Conv. to G		(Data must be collected from to		
Commingled	Permit #		Chloride content:	ppm Fluid volume	: bbls
Dual Completion			Dewatering method used:_		
SWD			Location of fluid disposal if	hauled offsite:	
ENHR	Permit #:				
GSW	Permit #:		Operator Name:		
			Lease Name:		
Spud Date or Date R	eached TD	Completion Date or	Quarter Sec	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:			L	ease Name: _			Well #:		
Sec Twp	S. R	East We	est C	County:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres	sures, whether sh	ut-in pressur	e reached stati	c level, hydrosta	tic pressures, bott		rval tested, time tool erature, fluid recovery,	
Final Radioactivity Lo files must be submitted					ogs must be ema	iled to kcc-well-lo	gs@kcc.ks.go	v. Digital electronic log	
Drill Stem Tests Taker (Attach Additional		Yes [No	L	_	on (Top), Depth an		Sample	
Samples Sent to Geo	logical Survey	Yes	No	Nam	e		Тор	Datum	
Cores Taken Electric Log Run		Yes Yes	No No						
List All E. Logs Run:									
		(CASING REC	ORD Ne	ew Used				
		· ·		ıctor, surface, inte	ermediate, producti	1		I	
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	
		ADD	ITIONAL CEN	MENTING / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cem	ent #	Sacks Used	ercent Additives				
Perforate Protect Casing	100 20111111								
Plug Back TD Plug Off Zone									
1 lag on zono									
Did you perform a hydrau	ulic fracturing treatment	on this well?			Yes	No (If No, ski	o questions 2 ar	nd 3)	
Does the volume of the to		•				_ ` ` '	p question 3)		
Was the hydraulic fractur	ing treatment information	on submitted to the c	hemical disclo	sure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)	
Shots Per Foot		ION RECORD - Bri Footage of Each Into				cture, Shot, Cement		d Depth	
	, ,	<u> </u>			,		,	·	
TUBING RECORD:	Size:	Set At:	Pa	acker At:	Liner Run:				
						Yes No			
Date of First, Resumed	Production, SWD or Ef		cing Method: owing	Pumping	Gas Lift C	other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls. G	as Mcf	Wate	er Bi	ols. G	as-Oil Ratio	Gravity	
DIODOCITI	ON OF CAS:		N 4 - T - 1		TION:		PPODUOTIO	ON INTERVAL.	
Vented Solo	ON OF GAS: Used on Lease	Open Ho		IOD OF COMPLE \Box		nmingled	PRODUCTION	ON INTERVAL:	
	bmit ACO-18.)	Other (Si	necify)	(Submit		mit ACO-4)			



4520 State Hwy 136, Amarillo, TX 79108-7617 • tel. 806-383-5047 • fax 806-383-1716

			•			•					
Deep Well GroundB	ed Data:					Date:	11/13/15				
	SST15-2015-KS					Contractor:		CP Insta	allation,	Inc	
	SOUTHER STAR				F	acility/Line:					
Subject:	DEEP WELL					State:	KS				
Well Depth:							JOHNSON	l			
Diameter:					0	ther-Driller:	TR				
Casing:											
Type of Backfill:					TES	ST VOLTS:	11.68				
Anode Type:	1 SET OF 18-ANOTE	CH 2684									
Remarks:											
<u>Drilling</u>	Log			El-	ectrical L	<u>.og</u>				<u>Anode</u>	Log
					FORE BACK					AFTER BA	
Depth:	Formation Type:	Material:		Volt	Anode	Anode #			Volt	Anode	Anode #
					Depth					Depth	
0'	CLAY	CASING/HOLE P									
5'	CLAY	CASING/HOLE P									
10'	CLAY	CASING/HOLE P									
15'	LIMESTONE	CASING/HOLE P									
20	LIMESTONE	CASING/HOLE P	LUG								
25	LIMESTONE	HOLE PLUG								1	
30	SHALE	HOLE PLUG									
35	SHALE	HOLE PLUG									
40	SHALE	HOLE PLUG									
45	SHALE	HOLE PLUG									
50	SHALE	HOLE PLUG									
55	SHALE	HOLE PLUG									
60	SHALE	HOLE PLUG									
65	SHALE	HOLE PLUG									
70	SHALE	HOLE PLUG									
75	SHALE	HOLE PLUG									
80	SHALE	HOLE PLUG									
85	SHALE	HOLE PLUG									
90	SHALE	COKE									
95	SHALE	COKE									
100	SHALE	COKE									
105	SHALE	COKE				-				-	
110	SHALE	COKE									
115	SHALE SHALE	COKE		2.2		40					
120 125	SHALE	COKE		3.3		18					
130	SHALE	COKE		1.6		17					
135	SHALE	COKE		1.0		17					
140	SHALE	COKE		2.8		16				 	
145	SHALE	COKE		2.0		10				 	
150	SHALE	COKE		2.3		15				 	
155	SHALE	COKE		2.0		10					
160	SHALE	COKE		2.1		14				†	
165	SHALE	COKE				- 				1	
170	SHALE	COKE		0.9		13				1	
175	SHALE	COKE		1		<u> </u>				1	
180	SHALE	COKE		0.7		12				1	
185	SHALE	COKE				İ					
190	SHALE	COKE		2.1		11				Ì	
195	SHALE	COKE									
200	SHALE	COKE		0.8		10					
205	SHALE	COKE									
210	SHALE	COKE		4.5		9					
215	SHALE	COKE									
220	SHALE	COKE		2.1		8					
225	SHALE	COKE									
230	SHALE	COKE		1.3		7					
235	SHALE	COKE									
240	SHALE	COKE		3.9		6					
245	SHALE	COKE									
250	SHALE	COKE		3.1		5					



4520 State Hwy 136, Amarillo,	TX	79108-7617	• tel	. 806-383-5047		fax 806-383-1716
-------------------------------	----	------------	-------	----------------	--	------------------

Deep Well GroundB	ed Data:				Date:	11/13/15			
Job Number:	SST15-2015-KS			Drilling	Contractor:	McLean's	CP Installation,	Inc	
	SOUTHER STAR				acility/Line:				
	DEEP WELL				State:				
Well Depth:	300'				County:	JOHNSON			
Diameter:	10"			О	ther-Driller:	TR			
Casing:	20'								
Type of Backfill:	SC2			TEST	VOLTAGE:	11.68			
Anode Type:	1 SET OF 18-ANOTE	CH 2684							
Remarks:									
<u>Drilling</u>	Log			ectrical L				Anode	
Depth:	Formation Type:	Material:	Volt	FORE BACKI	Anode #		Volt	AFTER BAC	Anode #
Бериі.	romation Type.	waterial.	VOIL	Depth	Alloue #		VOIL	Depth	Alloue #
255	SHALE	COKE		Берин	1			Бери	
260	SHALE	COKE	2.7		4				
265	SHALE	COKE	2.7		<u> </u>				
270	SHALE	COKE	2.9		3				
275	SHALE	COKE							
280	SHALE	COKE	3.0		2				
285	SHALE	COKE							
290	SHALE	COKE	3.2		1				
295	SHALE	COKE							
300	SHALE	COKE							

