

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1271609

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 East West							
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 #	GPS Location: Lat:, Long:(e.g. xxx.xxxxx) (e.g. xxx.xxxxxx)							
Name:								
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84							
Purchaser:	County:							
Designate Type of Completion:	Lease Name: Well #: Field Name:							
New Well Re-Entry Workover								
□ 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: Operator: □ Well Name: □	Producing Formation: Elevation: Ground: Kelly Bushing: Feet Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: 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	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)							
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite: Operator Name:							
GSW Permit #:	Lease Name: License #:							
Spud Date or Date Reached TD Completion Date or Recompletion Date	QuarterSec. TwpS. REastWest 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 l	Name: _			Well #:		
Sec Twp	S. R	East V	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres o surface test, along	sures, whether s with final chart(shut-in pre s). Attach	ssure reac extra shee	hed stati t if more	c level, hydrosta space is neede	itic pressures, bot d.	tom hole temp	erature, flui	d recovery,
Final Radioactivity Lo- files must be submitte						gs must be ema	ailed to kcc-well-lo	gs@kcc.ks.go	v. Digital el	ectronic log
Drill Stem Tests Taker (Attach Additional S		Yes	No				on (Top), Depth ar			mple
Samples Sent to Geo	logical Survey	Yes	☐ No		Nam	e		Тор	Da	tum
Cores Taken Electric Log Run		☐ Yes ☐ Yes	☐ No ☐ No							
List All E. Logs Run:										
			CASING		☐ Ne					
	0: 11-1-	· ·				ermediate, product		// OI	T	d Damasat
Purpose of String	Size Hole Drilled	Size Cas Set (In O		Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used		d Percent itives
		AD	DITIONAL	CEMENTIN	NG / SQL	JEEZE RECORD				
Purpose: Depth Type of Cement Top Bottom			# Sacks	Used						
Protect Casing	Perforate Protect Casing									
Plug Back TD Plug Off Zone										
Did you perform a hydrau	•					Yes	No (If No, ski	p questions 2 ar	nd 3)	
Does the volume of the to							= :	p question 3)	of the ACO	()
Was the hydraulic fractur	ing treatment information	on submitted to the	e chemicai d	isciosure re	gistry?	Yes	No (If No, fill	out Page Three	or the ACO-1	<i>)</i>
Shots Per Foot		ION RECORD - I Footage of Each I					cture, Shot, Cement mount and Kind of Ma		d	Depth
TUBING RECORD:	Size:	Set At:		Packer A	i:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or Ef	NHR. Prod	ducing Meth	ıod:		1				
			Flowing	Pumpin	g	Gas Lift C	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er B	bls. (Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	METHOD OF	COMPLE	ETION:		PRODUCTIO	ON INTERVA	
Vented Sold		Open		Perf.	Dually	Comp. Cor	mmingled			
	bmit ACO-18.)		(Specify)		(Submit)	ACO-5) (Sub	mit ACO-4)			



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

	15.4				T		44/04/45		1	1	1
Deep Well GroundB	ed Data:					Date:	11/04/15				
	00700 0045 40							001			
	r: SST06-2015-KS							McLean's CP Installation, In		Inc	
	SOUTHERN STAR	,			F	acility/Line:					
	DEEP WELL					State:					
Well Depth:							THOMAS				
Diameter:					0	ther-Driller:	TR				
Casing:											
Type of Backfill:	SC2				TES	ST VOLTS:	8.72				
Anode Type:	1 SET OF 7-ANOTEC	H 2684 ANODES									
Remarks:	2 WELLS										
Drilling	Log			Ele	ectrical L	.og				Anode	Log
· ·					BEFORE BACKFILL					AFTER BA	
Depth:	Formation Type:	Material:		Volt	Anode	Anode #			Volt	Anode	Anode #
	7,				Depth					Depth	
0'	SANDY CLAY	CASING/HOLE PL	UG								
5'	SANDY CLAY	CASING/HOLE PL									
10'	SANDY CLAY	CASING/HOLE PL									
15'	SANDY CLAY	CASING/HOLE PL	UG								
20	SANDY CLAY	CASING/HOLE PL						 		+	
25	SANDY CLAY	HOLE PLUG						-		-	
30	SANDY CLAY	HOLE PLUG									
35	SANDY CLAY	HOLE PLUG									
40	SANDY CLAY	HOLE PLUG									
45	SAND	HOLE PLUG									
50	SAND	HOLE PLUG									
	SAND										
55		HOLE PLUG									
60	SAND	HOLE PLUG									
65	SAND	COKE									
70	SAND	COKE									
75	SAND	COKE									
80	SAND	COKE									
85	SAND	COKE									
90	GRAVEL	COKE									
95	GRAVEL	COKE									
100	SANDY CLAY	COKE									
105	SANDY CLAY	COKE									
110	SANDY CLAY	COKE									
115	SANDY CLAY	COKE									
120	SANDY CLAY	COKE									
125	SANDY CLAY	COKE									
130	SANDY CLAY	COKE									
135	SANDY CLAY	COKE		2.3		7					
140	SANDY CLAY	COKE									
145	SANDY CLAY	COKE		1.0		6					
150	SHALE	COKE									
155	SHALE	COKE		0.3		5					
160	SHALE	COKE									
165	SHALE	COKE		0.4		4					
170	SHALE	COKE									
175	SHALE	COKE		0.3		3					
180	SHALE	COKE								1	
185	SHALE	COKE		0.3		2					
190	SHALE	COKE		J.0							
195	SHALE	COKE		0.5		1		 		+	
200	SHALE	COKE		0.0		<u>'</u>				1	
200	OI IALL	JUNE			l	1	l	1	1	1	

