Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1267621

Form ACO-1 November 2016 Form must be Typed Form must be Signed All blanks must be Filled

## WELL COMPLETION FORM

WELL HIST	ORY - DESC	<b>RIPTION OF W</b>	VELL & LEASE

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / 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 #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas DH EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	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 EOR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Liner 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 #:	
EOR Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
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 Drill Stem Tests Received							
Geologist Report / Mud Logs Received							
UIC Distribution							
ALT I II III Approved by: Date:							

	Page Two	1267621
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INSTRUCTIONS: Show important tops of formations penetrated. De	tail all cores Report all fir	nal conjes of drill stems tests giving interval tested, time tool

**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 Sheets)			Yes No	[	Log	Formatic	on (Top), Dep	th and Datum	Sample	
Samples Sent to		vey	Yes No	1	Name			Тор	Datum	
Cores Taken Electric Log Run Geolgist Report / Mud Logs			Yes No Yes No Yes No							
List All E. Logs F	Run:									
		F	CASING Report all strings set-	RECORD	New e, intermed	Used diate, producti	on, etc.			
Purpose of St		e Hole rilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement		Type and Percent Additives	
[			ADDITIONA	L CEMENTING /	SQUEEZ	E RECORD				
Purpose: Perforate		Bottom	ype of Cement	# Sacks Use	Jsed			Type and Percent Additives		
Protect Ca										
Plug Off Z										
1. Did vou perform	n a hvdraulic fractu	ring treatment on th	is well?		I	Yes	No (If N	o, skip questions 2 ar	nd 3)	
	-	-	c fracturing treatmer	nt exceed 350,000	gallons?	Yes		o, skip question 3)		
3. Was the hydraul	lic fracturing treatn	nent information sul	omitted to the chemi	cal disclosure regi	stry?	Yes	No (If N	o, fill out Page Three	of the ACO-1)	
Date of first Produ Injection:	iction/Injection or F	Resumed Production								
			Flowing	Pumping	Gas		other (Explain)			
Estimated Production Oil Bbls. Per 24 Hours		Oil Bbls.	Gas	Mcf	Water Bbls.		bls.	Gas-Oil Ratio Gravity		
DISPO	OSITION OF GAS	:		METHOD OF COM	MPLETIO	N:			DN INTERVAL:	
Vented	Sold Use	d on Lease	Open Hole Perf.		Dually Comp. Commingled		•	Тор	Bottom	
(If vente	ed, Submit ACO-18.	)		(5	ubmit ACC	-5) (SUDI	mit ACO-4)			
Shots Per Perforation Perforation Foot Top Bottom			Bridge Plug Type	Bridge Plug Set At	Plug Acid, Fracture, Shot, Cementing Squeeze Record At (Amount and Kind of Material Used)					

Packer At:

Size:

Set At:

TUBING RECORD:

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Muno SWD 1-31
Doc ID	1267621

# Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	30	20	75	100	Grout	10	none
Surface	12.25	9.63	36	1143	Haliburton Extendac em	410	see cement report
Intermedia te	8.75	7	26	5720	Haliburton Econocem	300	see cement report



### Daily Operations MUNO SWD 1-31

#### 123 Robert S. Kerr Ave. Oklahoma City, OK 73102

10:00

05:00

19.00

24.00

Oklanom	ia City,	OK 73102							Re	eport Date: 9/12	2/2015, F	Report # 3, DFS:	1,140.21
Corporate ID									Working Int (%)				
121516								ANDRIDGE EXPLORATION AND PRODUCTION LLC				SERVICE	75.000000
Well Type		Vell Config		ompletion?	Division		Subdivision	State		County/Parish	District	Well Sub-Status	NRI (%)
RISKED DEVE	201 1112	SWD	No		MIDC	•••	DEVELOPMEN	TKS		FORD		SWD	.000000
Township	Twnshp N	I/S Dir Range	l v		ection	Section Suf							
26	S	21	'	W	31		KONDA						
Daily Op	eration	s											
Report Start	Date							Report End	l Date				
9/11/2015	5 05:00							9/12/201	15 05:00				
Operations a	at Report T	ime						•					
WSI													
Operations S													
Tag TOC	w/ SL @	🖻 6219' KB	, FINAL R	EPORT.									
Operations N	Vext 24 Ho	urs											
TOTP													
Daily Co	ntacts												
							Job	Contact					
Time Log	g												
			Cum Dur				Dpth Start	Dpth End					
Start Time	End Tim	.,	(hr)	ladc Code	0	Category	(ftKB)	(ftKB)			Descript	ion	
	09:00	4.00							WSI				
09:00	10:00	1.00	5.00						HSM JS	SA, MIRU Asher SLL	J, RU 1.5"	SB tool, RIH w/ SL ar	id tag
									TOC @	6219' KB, POOH, F	RDMO SLU	, secure well, TOTP.	
									TOC @	6219' KB			
									KCC wit	tness- Eric McLaren			
					1				1.120.00				

TOTP

		Current	Spud Date 7/29/2012
Field Konda   County Ford   State KS   Well MUNO SWD   SH Location SEC 31, TWP 26S, RI   Elevations 2348' KB; 2336'	<b>1-31</b> NG 21W	Wellbore Schematic	Original Completion () Current X Workover Proposed
Well Bore Data	<u>a MD TVD</u>		
20" 106.5# J-55 Conductor Pipe	100	24* Hole	
26 jts 9-5/8" 36# J-55 csg @ 36# J-55: Cplg OD =10.625" ID=8.921 Drift=8.765 Collaps Cmt'd w/ 315 sxs Extendacem @ 12.4 ppg (Yield=2.12), fo Standard @ 15.6 ppg (Yield=1.2). Bump plug. Floats held.	llowed by 175 sxs	12 1/4" Hole	
KB 10' X 4-1/2" 11.6# J-55 LT&C Chrome Sub 4-1/2" 11.6# J-55 LT&C IPC 10' sub 144 Ijs 4-1/2" 11.6# J-55 LT&C IPC tbg 3-1/2" NC On/Off tool w/ 2.833" profile 3-1/2" NC On/Off tool w/ 2.833" profile 3-1/2" NC On/Off tool w/ 2.833" profile 3-1/2" Nickel Coated sub 2.813" Nickel Coated Sub 2.813" Nickel Coated WLEG EOT	Length Top 12 0 10 12 5665 32 1 5697 1 5698 7 5699 6 5706 1 5712 1 5713 5714	TOC @ 3005'	
Well History   Operations Summary   9/20/2012   MIT Passed - Start Injecting water.   3/22/2015   RIH w/ SL tag 6318'   9/10/2015   RIH w/ SL tag 6219'			
134 jts 7" 26# J-55 BTC Csg 1 Float Collar 7", 26#, J-55 BTC 1 jt 7" 26# J-55 BTC Csg 1 jt 7" 26# Cr-120 BTC Csg 1 Casing Shoe7", 26#, J-55 BTC Csg Set	5639' 0'   1' 5639'   42' 5640'   36' 5682'   2' 5718'   5720'	Arbuckle Top 5543' 8 3/4" Hole	
26# J-55: Cplg OD =7.656* ID=6.276 Drift=6.151 Collapse: Cmt'd w/ 200 sxs Extendacem mixed at 13.6 ppg (Yield=1.1 (Yield=1.19), Bumped plug, floats held. Full returns through	54), followed by 100 sxs Premium @ 15.6	Cmt Plug 6219' - 6440'	
TD @	6,440'	6 1/8" Hole Arbuckle Base	
		Arbuckie Base 6329'	