

Kansas Corporation Commission Oil & Gas Conservation Division

1060814

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	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used?
☐ OG ☐ GSW ☐ Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	If Alternate II completion, cement circulated from:
If Workover/Re-entry: Old Well Info as follows:	feet depth to: w/ sx cmt.
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content:ppm Fluid volume:bbls
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD ☐ Conv. to GSW	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 #:	QuarterSecTwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	County Fermit #
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 Approved by: Date:						

Side Two



Operator Name:				_ Lease N	lame:			Well #:		
Sec Twp	S. R	East	West	County:						
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A	osed, flowing and shu es if gas to surface te	t-in pressures, st, along with f	whether sh inal chart(s	nut-in press	ure reach	ed static level,	hydrostatic pres	sures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional S		Yes	No		Log	y Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey	Yes	No		Name			Тор	I	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes Yes Yes	☐ No ☐ No ☐ No							
List All E. Logs Run:										
		Report all	CASING I		New	Used mediate, producti	on, etc.			
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weigi Lbs. /	ht	Setting Depth	Type of Cement	# Sacks Used	, ,,	and Percent dditives
		AI	DDITIONAL	CEMENTIN	G / SQUE	EZE RECORD				
Purpose: Depth Top Bottom Type of Cement — Perforate — Protect Casing — Plug Back TD — Plug Off Zone — Plug Off Zone			ement	# Sacks	Used		Type and	Percent Additives		
Shots Per Foot PERFORATION RECORD - Bridge Plug Specify Footage of Each Interval Perl				s Set/Type orated			cture, Shot, Cemei mount and Kind of N		d	Depth
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:				
Date of First, Resumed	Production, SWD or EN		ducing Meth	od:		as Lift C	Yes No	0		
Estimated Production Per 24 Hours	Oil	Bbls.		Mcf	Water		ols.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	IETHOD OF	COMPLET	ION:		PRODUCTIO	ON INTER	VAL:
Vented Sold	Used on Lease	Open	Hole Specify)	Perf.	Dually (nmingled mit ACO-4)			

Miami County, KS Town Oilfield Service, Inc. Commenced Spudding: Well:Middaugh A47 (913) 837-8400 4/14/2011

Well:Middaugh A47 (913) 837-8400 Lease Owner: Future Investment Properties, LLC

WELL LOG

Thickness of Strata	Formation	Total Depth
25	Soil/Clay	25
1	Gravel	26
64	Shale	90
5	Sandy Shale	95
9	Red Bed	104-Bleed
6	Shale	110
3	Red Bed	113
9	Shale	122
13	Sand	135-Oil, Solid
3	Lime	138
34	Shale	172
3	Lime	175
5	Shale	180
10	Lime	190
6	Shale	196
2	Lime	198-TD
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	CASING AND TUBING MEASUREMENTS								
MICOLAND Farm: WIAM County		Т. П		T. 1		T			
Middle State; Well No. 1993 A 47	Feet	In.	Feet	In.	Feet	ln.			
Elevation	150	1	Butt	10	e;	,			
Commenced Spuding 4-/4 20 //	1/7	4	10to	1-					
Finished Drilling 4-18 20 1	198			$\parallel \parallel$	-				
Driller's Name Jeff [OW]									
Driller's Name Stephen Scoff									
Driller's Name WES Dollard			-						
Tool Dresser's Name									
Tool Dresser's Name									
Tool Dresser's Name									
Contractor's Name									
10 19 24									
(Section) (Township) (Range)	-								
Distance fromft.									
Distance from line, ft.									
7 100									
2 hours 8 sacks									
0 Sacks									
		_							
CACING AND TURNS	-								
CASING AND TUBING									
RECORD									
		_							
10" Set 10" Pulled		_							
8" Set 451 8" Pulled		_							
6%" Set 6%" Pulled									
6%" Set 6%" Pulled			-1-						
			-1-			190			

-1-

	Thickness of Strata	Formation	Total Depth	Remarks
	25	Soil/Clae	25	
		Gravel	26	-
	104	Shale	90	
	5_	Sandy Shak	95	
	9	Ded Bed	104	Bleed
	<u>le</u>	Shale	110	-
	3_	Red Bed	113	-
n. K	9	Shale	122	-
Pelt	150	Sand	135	oil, Goog Solid.
	5	Line	138	
3	34	Shale	172	
	3	Lime	175	
,	5	Shale	180	
	10	LIMP	190	
	4	Shale	194	
•		Lime	198	Tb
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LOCATION Ottawa KS

FOREMAN Fred Mader

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

					V I			
DATE	CUSTOMER#	WELL	NAME &	NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4/18/11	324 4	Midda	.gh.	なA-47	ושטע נס	19	24	mı
CUSTOMER	11. 11.1		0		TRUCK #	DDWED.	TRUCK#	DRIVER
MAILING ADDRE	ss	therap	7		TRUCK#	DRIVER	Saterty	DRIVER
P. 0		128	0		368	Fred	KH	VIVIG -
CITY	· Noy	STATE	ZIP COD	DE .	370	Perell	DM	
Wellsu	ille	KS	660	92	503	(pcil	CHP	
	ng string				H 198	CASING SIZE & W	EIGHT 4	
CASING DEPTH_				Le FUBING		5.10.110 S.III G.	OTHER	
SLURRY WEIGH		SLURRY VOL_			/sk	CEMENT LEFT in		+ Plug
	2.5 BBL.					RATE YBP		
REMARKS:				n. M}x+1	Punn 1/2 Go	1 ESA-4		e d
					late from		condit	
hol	e. Mi	x + Pur	no	40 SKS	50/50 F			12%
Gel	5% Sa	1+ 5 # XC	0/8-			o Surfac	4 1/	ush
PUn				Displace			to Boff	
- in	casive 1				water.			¥ 1051
Λ .		escure		Sex Aloa			neasks	- Long-Con-
	7	.10				1		
700	ws Dii	llder				Fud	Made	
		r				/		
ACCOUNT CODE	QUANITY	or UNITS		DESCRIPTION	of SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
540(1	PUMP C	HARGE				-975°°
5406		50'mi	MILEAG	E				200
5402		179	Ca	size footo	ge			N/c
5407	minis	mm	To	n Miles	<u> </u>			33000
5502C		Bhrs	80	BBC Vac	Truele			27009
	·							
1124		40 SKS	50	50 Poz M	ix Cement	<u></u>		4/1800
1118,3		1. e==	^ '	emium Gel				1,2 60
1111		3 E.	_	envlated				2)30
11104		200		1 Seal		*****		88 25
4404		1	41	"Rubber	Pluc			4700
1143		1/2 6 al	ES	4-41	<i>b</i>			2020
1400		1/2 Gal		-100 Poly	MARC			23 623
				1017		,		
				Н				
			WO-	424085	5			
		8						. >>
	1					7,3%	SALES TAX	47 ⁷⁷ 24 5 5.5
Ravin 3737	//、/	// //				#2, , C	ESTIMATED	21 P P
	(In K	fu			8		TOTAL	2735.5
AUTHORIZTION	Y /,'	y v"		TITLE			DATE	

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.