

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1094545

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:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	
Phone: ()	
CONTRACTOR: License #	
Name:	Lease Name:Well #:
Wellsite Geologist:	
Purchaser:	
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
OG GSW Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	
If Workover/Re-entry: Old Well Info as follows:	
Operator:	
Well Name:	Drilling Fluid Management Plan     (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SV	/D
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 #:	
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
	_
Spud Date or         Date Reached TD         Completion Date or           Recompletion Date         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 Name:	Well #:
Sec TwpS. R East _ West	County:	

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional She	eets)	Yes	No		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog		Yes	No	Nam	1e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	☐ Yes ☐ Yes ☐ Yes	│ No │ No │ No					
List All E. Logs Run:								
		Report al		RECORD N	ew Used ermediate, producti	ion, etc.		
Purpose of String	Size Hole Drilled	Size Ca Set (In	asing	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

#### ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: —— Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot		PERFORATION Specify For		RD - Bridge P Each Interval I		)e			ement Squeeze Record of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed I	Product	ion, SWD or ENHF	<b>λ</b> .	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIC	ON OF G	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit)	Comp. ACO-5)	Commingled (Submit ACO-4)		
(If vented, Sub	omit ACC	)-18.)		Other (Specify)						

## Subject: Miller # 1-5 Cement Invoice Date: Tuesday, August 7, 2012 2:53 PM From: Larry Crawford <LarryDale@cox.net> To: Garry Crawford <gcrawford11@cox.net>

Sec. Passes Contractory of 33718 CONSOLIDATED Decision Company and Contras Cable, 1 OR NAME ADDRESS AND D Con Di Canda da arra FIELD TICKET & TREATMENT REPORT CENENT COMENT 10.64 21.97 Miller 1-5. 32 230 Firsters 5 10000 Genetical dilt be a we inere i Ind battle 100.0 1.24 1000 manne Roll - D. -774 We do the and the Date of the 100.000 Connect. summer of States and the party -----Propher 32 The Age & Sect Links Right Doct alex ligh Sheed Stor which a comment ALC: NO WART & BELL STREET THE AT LODGED A MILLION. STORES. 1011 00000 In state 200 - 200 132 45 . 100 10 Gult and Phal The Colory Delivery the Anno Dent Sine the Lock for any the Color and the Technologies the Technologies the Barbot We Barbot 150.10 100 Sec. Steria Hist 100 ALC: NO 1.55 200 10.0 -2240 -----1000 100 1000 ALC: Che 1003 12.04 ALC: NOT Later and here 100 Sec. 1000

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RILOBITE	DRILL STEM TEST REPORT							
	Crew ford OI & Ges. Co. LLC		5/34	5/3s/23w/Norton-KS				
ESTING, INC	PO 8cg 1366		Mart	or #1-5				
	El Dorado, MS 67042			felet 43	232 DST# 2			
	ATTN: Larry Friend		_		11.11.06 @ 02:04:00			
GENERAL INFORMATION:	The second s	and the second	1	-				
Formation: Regari Sand								
Deviated: No Whipetock: Time Tool Opened: 03:56:30	ft (KE)				Conventional Bottom Hole (Initial) Kevin Mack			
Time Test Ended: 09:01:80			Tost		KOVIN NECK			
Interval: 3577.00 ft (HD) To 34	11 AD & (MR) (TUT)		Per/o	rence Fie	wations: 2346.00 ft (KB)			
Total Depth: 3623.00 H (HB) (Th					2341.00 ft (OF)			
Holo Damator: 7.88 inchesHok	Condition: Good			K2 1	5.00 ft			
Serial #: 6799 Inside	and the second second							
Press@RunDepth: 91.45 psig			Capacity:		acco co peig			
Start Date: 2011.11.06 Start Time: 02:04:00	End Date: End Time:	2011.11.05	Lest Celb Time On B		2011.11.06			
unart 1990	and the	08.01.30	Time On t		2011.11.06 @ 06:59:30			
FS-No Return			PR	ESSUR	E SUMMARY			
<u></u>		Time	Pressure	Temp	Annetation			
-		(Mn.)	(peig)	(deg F)				
- 1	1 1		1776.32		Initial Hydro-etatic Open To Flow (1)			
	1		61.94	85.07	Shut-In(1)			
- / ]	:\	2 76	656.38		End Shut-In(1)			
	1-1-	120	71.04	86.21 87.82	Open To Flow (2) Shut-In(2)			
- /		182	640.83	88.35	End Shut-h(2)			
- 1 1	FIL	184	1762.27	88.05	Final Hydro-state			
Recovery				Ga	s Rates			
Recovery Lingth (t) Description	100/00 (00)			Ga				
Recovery Lingth (5) Description 60.00 OCWM 106-40W 50M	100/10 (100) 0.50			1				
Recovery Linetr (6) 00000000000000000000000000000000000	vourse (200) 0.50 0.30			1				
Recovery     Instrict 0     OCVM110x 40W 50M1     B0.00     OCM40x 50M	100xre (100) 0.30 0.48			1				
Recovery Linuth (6) Description 60:00 OCWM 106 40W 50M 60:00 OCM 406 80M 25:00 MCD 706 30M	vourse (200) 0.50 0.30			1				
Recovery Linuth (8) Counciliation 60:00 OCWM 106 40W 50M 60:00 OCM 406 80M 80:00 OCM 406 80M 35:00 MCD 706 30M	100xre (100) 0.30 0.48			1				