

Confidentiality Requested:

Yes No

## Kansas Corporation Commission Oil & Gas Conservation Division

1247591

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
Address 2:	Feet from
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:
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
Oil WSW SWD SIOW 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:	Producing Formation: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No  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 ENHR Conv. to SWD  Plug Back Conv. to GSW Conv. to Producer  Commingled Permit #:  Dual Completion Permit #:  SWD Permit #:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)  Chloride content: ppm Fluid volume: bbls  Dewatering method used:  Location of fluid disposal if hauled offsite:
☐ ENHR         Permit #:           ☐ GSW         Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	Quarter         Sec.         Twp.         S. R.         East         West           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 Name: \_ \_ Well #: \_ County: \_ 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** No Loa Formation (Top), Depth and Datum Sample | Yes (Attach Additional Sheets) Name Top Datum No Samples Sent to Geological Survey Yes ☐ No Yes
 Yes
 ■
 Yes
 ■
 Yes
 ■
 Nes
 Nes Cores Taken Electric Log Run \_\_\_ Yes No List All E. Logs Run: CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc. Size Hole Size Casing Weight Setting Type of # Sacks Type and Percent Purpose of String Drilled Set (In O.D.) Lbs. / Ft. Depth Cement Used Additives ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement # Sacks Used Type and Percent Additives Top Bottom Perforate **Protect Casing** Plug Back TD Plug Off Zone Did you perform a hydraulic fracturing treatment on this well? Yes No (If No, skip questions 2 and 3) No Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes (If No, skip question 3) Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? (If No, fill out Page Three of the ACO-1) Yes PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated Depth (Amount and Kind of Material Used) TUBING RECORD: Size: Set At: Packer At: Liner Run: Yes No Date of First, Resumed Production, SWD or ENHR. Producing Method: Flowing Pumping Gas Lift Other (Explain) **Estimated Production** Oil Bbls Gas Mcf Water Bbls. Gas-Oil Ratio Gravity Per 24 Hours METHOD OF COMPLETION: DISPOSITION OF GAS: PRODUCTION INTERVAL: Open Hole Perf. Dually Comp. Commingled Vented Sold Used on Lease (Submit ACO-5) (Submit ACO-4) (If vented, Submit ACO-18.) Other (Specify)

### CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	Kansas NB Project	State, County	Chautauqua , Kansas	Cement Type		CLASS A
Job Type	Long String	Section		Excess (%)		35%
Customer Acct #	6306	TWP		Density		13.6
Well No.	/ <b>)</b> (IB #1	RGE		Water Required		8.1
Mailing Address		Formation		Yeild		1.8
City & State		Tubing		Sacks of Cement		190
Zip Code		Drill Pipe		Slurry Volume		61
		THE RESERVE AND ADDRESS OF THE PARTY OF THE				
Contact		Casing Size	4 1/2 11.5#	Displacement		27.8
Email		Hole Size	6 3/4	Displacement PSI		1300
Cell		Casing Depth	1817	MIX PSI		250
Dispatch Location	EUREKA	Hole Depth	1817	Rate		3.5
THE RESERVE AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO						3.3
Code	Cement Pump Charges and Mileage	Quantity	Unit	Price per Unit		
5401	CEMENT PUMP (2 HOUR MAX)	1	2 HRS MAX	\$1,085.00	\$	1,085.00
5406	EQUIPMENT MILEAGE (ONE-WAY)	45	PER MILE	\$4.20	\$	189.00
5407	MIN. BULK DELIVERY (WITHIN 50 MILES)	1	PER LOAD	\$368.00	\$	368.00
5609	MISC PUMP (CEMENT TRUCK)	5	PER HOUR	\$210.00	\$	1,050.00
0			0	\$0.00	\$	-
0			0	\$0.00	\$	_
0			0	\$0.00	\$	
0						
			0	\$0.00	\$	-
0			0	\$0.00	\$	-
				QUIPMENT TOTAL	\$	2,692.00
	Cement, Chemicals and Water					
1126	WC. CEMENT (CAL SEAL) 6%OWC. 2% CAL.CLORIDE 2% GE	190	0	\$19.75	\$	3,752.50
1107A	PHENOSEAL	180	0	\$1.35	\$	243.00
1110A		1150	0	\$0.46	\$	529.00
	KOL SEAL (50 # SK)					
1111	GRANULATED SALT (50#) SELL BY #	1250	0	\$0.39	\$	487.50
1118B	PREMIUM GEL/BENTONITE (50#)	3000	0	\$0.22	\$	660.00
0			0	\$0.00	\$	•
0	30% Discount		0	\$0.00	\$	(2,212.08
0			0	\$0.00	\$	-
0			0	\$0.00	\$	_
0			0	\$0.00	\$	
		0				<u>-                                    </u>
0		0	0	\$0.00	\$	
				CHEMICAL TOTAL	\$	3,459.92
	Water Transport					
5502C	80 BBL VACUUM TRUCK (CEMENT)	9	BL VACUUM TRUCK (CEM	\$90.00	\$	810.00
5504B	FLATBED DELIVERY	2	FLATBED DELIVERY	\$105.00	\$	210.00
0	TEMBED DELIVER		0	\$0.00	\$	210.00
U						4 000 00
	-			RANSPORT TOTAL	\$	1,020.00
	Cement Floating Equipment (TAXABLE)					
	Cement Basket					
0			0	\$0.00	\$	-
	Centralizer					
0			0	\$0.00	\$	
0			0	\$0.00	\$	
	Float Shoe			φυ.υυ	Ψ	
	Float Silve		T	1 00.00	_	
0			0	\$0.00	\$	-
	Float Collars		<u> </u>			
00			0	\$0.00	\$	-
	Guide Shoes			973	MODEL S	
0			0	\$0.00	\$	
	Baffle and Flapper Plates					
0			0	\$0.00	\$	_
,	Packer Shoes		<u> </u>	45.00		
0	1 2551 51.000		0	\$0.00	\$	_
U	DV Tools			μ Φυ.υυ	Ψ	-
_	DV Tools			1 00.00		
00			0	\$0.00	\$	-
	Ball Valves, Swedges, Clamps, Misc.					
0			0	\$0.00	\$	-
0			0	\$0.00	\$	-
0			0	\$0.00	\$	
	Plugs and Ball Sealers		· ·	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	100000	
4404	4' 1/2" RUBBER PLUG	1	PER UNIT	\$47.25	\$	47.25
4404	<u> </u>		FER UNIT	μ φ47.25	Ψ	41.23
_	Downhole Tools			T		
0			0	\$0.00	\$	-
			CEMENT FLOATING E		\$	47.2
TRUCK#	DRIVER NAME			SUB TOTAL	\$	7,219.1
690	John Wade	1	8.15%	SALES TAX	\$	466.1
445	Jeremy M	1		TOTAL	\$	7,685.2
667	Jeff	1	0%	(-DISCOUNT)	\$	-
	N I OOV	1			-	
Nunnley	Nunnley 80V	4	מפות	COUNTED TOTAL	<b>S</b>	7.685.29
	Seth Nunniey 80V		DISC	COUNTED TOTAL	\$	7,685.29
Nunnley			DISC	COUNTED TOTAL	\$	7,685.29

AUTHORIZATION 10 -31 - 14

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.

Air Drilling Specialist Oil and Gas Wells

M.O.K.A.T. DRILLING Office Phone: (620) 879-5377





P.O. Box 590 Caney, KS 67333

Operator	ECHI CHA COLONIA		Well No.		Lease		Loc.	1	1/4	114	Sec.	Twp.		Rge,
	KANSAS MB PROJECT, LLC	TEC	MB-1		WALTI	WALTER MOORE	田							
			County		State		Type/Well		Depth	Hours		Date Started	Date (	Date Completed
			CHAUTAUQUA	IQUA	Ĭ	KS			1817'			9/22/14		9/24/14
Job No.	Casin	Casing Used			B	Bit Record					Coring	Coring Record		
		45' 8 5/8"	2/8"	Bit No.	Type	size	From	То	Bit No.	type	Size	From	То	% Rec.
Driller	Ceme	Cement Used												_
	TOOTIE	6				6 3/4"								
Driller	Rig No.	ō												
Driller	Нати	Hammer No.									-			

# Formation Record

Formation											,																				
			,																												-
n To										$\dashv$																		-		$\parallel$	_
From								_			_																				
Formation	GRE	LIME	S	SAND	SHALE W/ SAND STREAKS	SHALE	BLACK SHALE	SHALE	BLA		SAND (LIGHT ODOR)	SHALE	CHAT/ LIME (MISSISSIPPI)	WHITE LIME/ CHAT	BROWN LIME/ WHITE SOFT	BRC	BLACK LIME	LIMEY SHALE	CHAT		T.D. 1817										
2	1472	1474	1494	1503	1508	1553	1561	1571	1589	1600	1612	1615	1632	1650	1709		1795	1800	1817												
From	1468	1472	1474	1494	1503	1508	1553	1561	1571	1589	1600	1612	1615	16321	1650	1709	1710	1795	1800												
Formation	SHALE	LIME (PAWNEE)(OIL ODOR)	SANDY SHALE/ SAND	SHALE	LIME (OSWEGO)	BLACK SHALE	LIME	BLACK SHALE	LIME	SHALE	SANDY SHALE	SHALE	SAND	SHALE	COAL	SHALE	LIME	SHALE	SHALE	COAL	SAND	SANDY SHALE	SAND	SHALE/ COAL	SHALE/ SANDY SHALE	COAL	SHALE	COAL	SHALE	LIME	BLACK SHALE
2	1035	1057	1085	1140	1172	1180	1198	1207	1218	1245	1260	1263	1274	1283	1284	1313	1314	1330	1384	1386	1396	1400	1410	1411	1427	1428	1432	1435	1460	1462	1468
From	953	1035	1057	1085	1140	1172	1180	1198	1207	1218	1245	1260	1263	1274	1283	1284	1313	1314	1330	1384	1386	1396	1400	1410	1411	1427	1428	1432	1435	1460	1462
Formation	SURFACE	SHALE	LIME/SAND	\LE	SHALE	LIME	SANDY SHALE	SAND/LIME (WATER)	SHALE	LIME	SHALE	SAND/ SANDY SHALE			SANDY SHALE	COAL	SHALE	SAND	LIME	SHALE	SAND	SANDY SHALE	SAND (OIL ODOR)	SHALE	LIME	SHALE	LIME (ALTAMONT)	SHALE	LIME/ SHALE		SAND (GAS & OIL ODOR)
ျှ	45	148	165	170	204	213	218	230	245	247	385	400	430	440	465	467	535	542	543	640	645	959	029	822	831	881	894	968	912	917	953
From	0	45	148	165	170	204	213	218	230	245	247	385	400	430	440	465	467	535	542	543	640	645	650	029	822	831	881	894	968	912	917