

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1242182

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:			Sec.	TwpS. R	
Address 2:			Feet from North / South Line of Section		
City:	State: Zi	p:+	Fe	eet from East / V	Vest Line of Section
Contact Person:			Footages Calculated from	Nearest Outside Section Co	rner:
Phone: ()			□ NE □ NW	V □SE □SW	
CONTRACTOR: License #			GPS Location: Lat:	, Long:	
Name:				(e.g. xx.xxxxx)	(e.gxxx.xxxxx)
Wellsite Geologist:			Datum: NAD27	NAD83 WGS84	
Purchaser:					
Designate Type of Completion:			Lease Name: Well #:		
New Well R	e-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: Elevation: Ground: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from:		
Operator:			, ,	w/w/	
Well Name: Original Comp. Date: Deepening Re-perf. Plug Back	Original To		Drilling Fluid Managemer	nt Plan	3x cm.
☐ Commingled ☐ Dual Completion ☐ SWD	Permit #:			ppm Fluid volume:	
☐ ENHR ☐ GSW			Lease Name:	License #:	
Spud Date or Date Re Recompletion Date	eached TD	Completion Date or Recompletion Date	QuarterSec	TwpS. R 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 #:	
Sec Twp	S. R	East West	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.							
		tain Geophysical Data a r newer AND an image f		gs must be ema	iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Taker (Attach Additional S		Yes No		on (Top), Depth an		Sample	
Samples Sent to Geo	logical Survey	☐ Yes ☐ No	Nam	9		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne conductor, surface, inte		ion, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
	5	ADDITIONAL	CEMENTING / SQU	EEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives			
Protect Casing							
Plug Back TD Plug Off Zone							
					¬		1
	ulic fracturing treatment or otal base fluid of the hydra	n this well? aulic fracturing treatment ex	ceed 350,000 gallons	Yes ? Yes		p questions 2 an p question 3)	d 3)
		submitted to the chemical of	_	Yes		out Page Three	of the ACO-1)
Shots Per Foot		N RECORD - Bridge Plug		Acid, Fra	cture, Shot, Cement	Squeeze Record	i
Shots Fel Foot	Specify Fo	ootage of Each Interval Perf	orated	(Aı	mount and Kind of Ma	terial Used)	Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First. Resumed	Production, SWD or ENH	R. Producing Meth	nod:				
Pumping Gas Lift Other (Explain)							
Estimated Production Per 24 Hours	Oil BI	bls. Gas	Mcf Wate	er B	bls. G	as-Oil Ratio	Gravity
DISPOSITIO	ON OF GAS:	N.	METHOD OF COMPLE	TION:		PRODUCTIO	N INTERVAL:
Vented Sold		Open Hole	Perf. Dually	Comp. Cor	nmingled		
(If vented, Sul	bmit ACO-18.)	Other (Specify)	(Submit A	(Sub	mit ACO-4)		



271212

ticket number 48191 LOCATION Of tawa FOREMAN Alan Mader

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

FIELD TICKET & TREATMENT REPORT

DATE OUSTOMER# WELL NAME & NUMBER SECTION TOWNSHIP RANCE COUNTY J-18.1/8 W 4448 CAPTURISTS RESOLUTES FOR THE SECTION TOWNSHIP RANCE COUNTY ROLL STATE SECTION TOWNSHIP RANCE COUNTY ROLL SET SET SECTION TOWNSHIP RANCE COUNTY ROLL SET SET SET SECTION TOWNSHIP RANCE COUNTY ROLL SET	620-431-9210 or 800-467-8676 CEMENT								
CUSTOMER KANSAS RESOURCES E & D MALINA ADDRESS 9393 W 110 th CITY DVE PCHILL PORK ILS BEARD SLURRY VOL DISPLACEMENT PSI 200 BLURRY WEIGHT SILVERY VOL DISPLACEMENT PSI 200 BLURRY WEIGHT SURRY VOL DISPLACEMENT PSI 200 MAKE 100 WATER 98 19 k WATER 98 19 k CEMENT LEFT IN CASING 1/25 SURRY WEIGHT SILVERY VOL DISPLACEMENT PSI 200 MAKER 98 19 k WATER 98 19 k CEMENT LEFT IN CASING 1/25 SURRY WEIGHT SILVERY VOL DISPLACEMENT PSI 200 MAKER 98 19 k WATER 98 19 k CEMENT LEFT IN CASING 1/25 THE DISPLACEMENT PSI 200 MAKER 98 19 k WATER 98 19 k WATER 98 19 k WATER 98 19 k WATER 98 19 k CEMENT LEFT IN CASING 1/25 TO THER \$53 5/2 5 WATER 98 19 k WATER	DATE	CUSTOMER#	WELL	NAME & NUI			TOWNSHIP	RANGE	COUNTY
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TOTAL 225239	savin 3737	NO C	onipany	VEP			(*)	ESTIMATED	-0
	AUTHORIZTION_	Jim	EKA		TITLE			TOTAL	125239

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

Jackman Oilfield Services 1 West Mulberry St. Colony, KS 66015 620-852-3350

WELL LOG Kansas Resource Exploration & Development, LLC Cartwright KR-9

September 16, 2014

Thickness of Strata	7.0.00		
15.00	soil/clay	15.00	
19.00	lime	34.00	
22.00	shale	56.00	
4.00	lime	60.00	
40.00	shale	100.00	
16.00	lime	116.00	
10.00	shale	126.00	
28.00	lime	154.00	
7.00	shale	161.00	
44.00	lime	205.00	
140.00	shale	345.00	
1.00	lime	346.00	
6.00	grey sand	352.00	
4.00	sandy shale	356.00	
12.00	shale	368.00	
10.00	lime	378.00	
6.00	grey sand	384.00	
11.00	sandy shale	395.00	
22.00	shale	417.00	
1.00	coal	418.00	
9.00	shale	427.00	
5.00	lime	432.00	
13.00	shale	445.00	
3.00	lime	448.00	
1.00	coal	449.00	
11.00	shale	460.00	
16.00	lime	476.00	
11.00	shale	487.00	
2.00	lime	489.00	
2.00	shale	491.00	
2.50	lime	493.50	
1.00	lime/sand	494.50	med. Bleed

2.50	lime	497.00	light gas smell
5.50	shale	502.50	0 0 0
0.50	brokensand/75%shale	503.00	med. Bleed
1.00	brokensand/95%shale	504.00	no bleed
3.50	oil sand	507.50	good bleed
2.50	broken sand	510.00	good bleed
3.50	broken sand	513.50	no bleed
2.50	broken sand	516.00	good bleed
2.00	very broken sand	518.00	light bleed
6.00	grey sand	524.00	
56.00	shale	580.00	TD

Drilled a 9 7/8" hole to 19'7" Drilled a 5 7/8" hole to 580'

Set 20' of 7" surface casing cemented with 5 sacks of portland cement Set 571.25' of 2 7/8" round upset tubing. Baffle @ 539.65'

Cartwright KR-9