

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division 1243123

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	East _ West
Address 2:			F6	eet from North /	South Line of Section
City:	State: Z	ip:+	Fe	eet from East /	West Line of Section
Contact Person:			Footages Calculated from	Nearest Outside Section C	Corner:
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:			County:		
Designate Type of Completion:			Lease Name:	W	ell #:
	e-Entry	Workover	Field Name:		
	_		Producing Formation:		
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW ∏ SIGW	Elevation: Ground:	Kelly Bushing:	
	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total D	epth:
CM (Coal Bed Methane)	dow	Temp. Abd.	Amount of Surface Pipe Se	et and Cemented at:	Feet
☐ Cathodic ☐ Other (Co	ore. Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes	No
If Workover/Re-entry: Old Well I			If yes, show depth set:		
Operator:			If Alternate II completion, c	cement circulated from:	
Well Name:			feet depth to:	w/	sx cmt.
Original Comp. Date:					
Deepening Re-perf	J	ENHR Conv. to SWD	Drilling Fluid Managemer	nt Plan	
Plug Back	Conv. to G		(Data must be collected from to		
Commingled	Permit #		Chloride content:	ppm Fluid volume	: bbls
Dual Completion			Dewatering method used:_		
SWD			Location of fluid disposal if	hauled offsite:	
ENHR	Permit #:				
GSW	Permit #:		Operator Name:		
			Lease Name:		
Spud Date or Date R	eached TD	Completion Date or	Quarter Sec	TwpS. R	East West
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						
Geologist Report Received						
UIC Distribution						
ALT I II III Approved by: Date:						

Page Two



Operator Name:			L	ease Name: _			Well #:	
Sec Twp	S. R	East We	est C	County:				
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres	sures, whether sh	ut-in pressur	e reached stati	c level, hydrosta	tic pressures, bott		rval tested, time tool erature, fluid recovery,
Final Radioactivity Lo files must be submitted					ogs must be ema	iled to kcc-well-lo	gs@kcc.ks.go	v. Digital electronic log
Drill Stem Tests Taken Yes No (Attach Additional Sheets)				L	_	on (Top), Depth an		Sample
Samples Sent to Geo	logical Survey	Yes	No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes Yes	No No					
List All E. Logs Run:								
		(CASING REC	ORD Ne	ew Used			
		· ·		ıctor, surface, inte	ermediate, producti	1		I
Purpose of String	Size Hole Drilled	Size Casin Set (In O.D		Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADD	ITIONAL CEN	MENTING / SQL	JEEZE RECORD			
Purpose:	Depth Top Bottom	Type of Cem	ent #	# Sacks Used Type and Percent Additives				
Perforate Protect Casing	100 20111111							
Plug Back TD Plug Off Zone								
1 lag on zono								
Did you perform a hydrau	ulic fracturing treatment	on this well?			Yes	No (If No, ski	o questions 2 ar	nd 3)
Does the volume of the to		•				_ ` ` '	p question 3)	
Was the hydraulic fractur	ing treatment information	on submitted to the c	hemical disclo	sure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)
Shots Per Foot PERFORATION RECORD - Br Specify Footage of Each Int				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth				
Specify Footage of Later met va								
TUBING RECORD:	Size:	Set At:	Pa	acker At:	Liner Run:			
						Yes No		
Date of First, Resumed	Production, SWD or Ef		cing Method: owing	Pumping	Gas Lift C	other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls. G	as Mcf	Wate	er Bi	ols. G	as-Oil Ratio	Gravity
DIODOCITI	ON OF CAS:		N 4 - T - 1		TION:		PROPUSTIC	ON INTERVAL.
Vented Solo	ON OF GAS: Used on Lease	Open Ho		IOD OF COMPLE \Box		nmingled	PRODUCTION	ON INTERVAL:
	bmit ACO-18.)	Other (S	necify)	(Submit		mit ACO-4)		

TO	I ORDER N	CUSTOMER'S ORDER NO.				
Address_	cun	•				
	state c	· · · · · · · · · · · · · · · · · · ·				
Ship To_	VIA	· 1	····			
CASH	CHARGE C. O. D. PAID OUT RETURNED MC		ED ON ACC	OHNE		
САЭП	Change C. U. U. Pario Dol Reformed Mil	neceivi	ED ON ACC	,OUN1		
QUANTITY	DESCRIPTION	PRICE	UOMA	NT		
	Harra KR-11					
	Ran 1" to 47.8 plugged from TO to surface pulled 1"					
1	Pump truck - vac truck charge		450	00		
25	1, 15000 Scmco	1000	250	00		
	sacks 50-50 well plug cement	986	709	92		
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SPUD DATE: 27 NOV	14			1													
FINISH DATE: 1 Dec 14																	
LEASE: Harra LEASE OPERATOR: MRED WELL: ITR 11 API: 15-121-30862				TITE													
				UTAH OL													
									SEC: TWP:	RNG:							
									COUNTY: Miami								
DRILLERS NAME: RONNIE	Har	vard		239	4 UTAH ROAD												
RIG#:	- 1100				OUL, KS 66079												
SURFACE: SIZE BIT 978	LEN	истн 🗟	216	711	-1 - 5												
576		1 1		_ SIZE C	EMENT 5093	_											
DRILL BIT SIZE 57/8	LENG		14-1	SIZE T	BAFFLE NA												
TD 478 CORED L	158-1	478		•		-											
FORMATIONS	THICKNESS	FROM	то	FORMATION	THICKNESS FROM	T0											
Time	18	Ø	18		THERITESS PROM	то											
Shale	103	118	121	1													
Line	17	121	138	1 100		-											
Shale	31	138	169			 											
Line	3	169	172	111		-											
Shale	30	172	202	HOLO													
Lime	15	202	217	1100													
Shale	13	217	230			_											
Lime	26	230	256														
Shale	6	256	262			200											
Line	al	262	283														
Coal	4	283	287														
Lime	3	287	290		7												
Shale	Ц	990	094														
Lime	8	294	302														
Shale	134	302	936														
	2	436	436														
Shale	16	438	454														
Broken Liney Sanda	4	454	458														
oil Sano	1	458	459														
Broken 8090shale	3	459	462														
Lime	2	460	464														
Broken 60% Shale	4	464	468	***													
Shale	2	468	470														
Broken Sand	11/2	470	4714														
shale	61/2	47142	478														
Shale Broken Liney Sanda Oil Sand Broken 80965hake Lime Broken 60965hake Shale Broken 5and Shale	1																
	Fe																
		griffs - i	N 24														
		1537															
*See		7	A)														