

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1157661

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:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
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 OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	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: feet depth to: w/ sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	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: Operator Name: Lease Name: Quarter Sec TwpS. R Dest County:
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 III Approved by: Date:						

	Side Two	1157661
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]Log Formatio	on (Top), Depth an	d Datum Top	Sample
Samples Sent to Geolog	gical Survey	Yes No		ame		юр	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASI	NG RECORD	New Used			
		Report all strings s	et-conductor, surface,	intermediate, produc	tion, 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

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 RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				,		ement Squeeze Record I of Material Used)	Depth		
TUBING RECORD:	Siz	ze:	Set At:		Packer	At:	Liner R	un:	No	
Date of First, Resumed Pr	oduct	on, SWD or ENH	<i>₹</i> .	Producing N		oing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
									1	
DISPOSITION	OF	BAS:			METHOD (OF COMPLE	TION:		PRODUCTION INTE	RVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit)		Commingled (Submit ACO-4)		
(If vented, Subm	it ACC	-18.)		Other (Specify)					

Hodown Drilling

Lease Name: Lovett	Spud Date: 7-18-2013	Surface Pipe Size: 8"	Depth: 40"	TD:1450
Operator: C&S Oil	Well #1	Bit Diameter: 6 3/4"	50ptn. 40	10.1450
		a contra a seconda a		
Footage taken	Sample type			
0_3	soil			
3_151	shale			
151_243	lime			
243_251	shale			
251_386	lime			
386_395	shale			
395_410	lime		Contraction I for	
410_448	shale			
448_474	lime			
474_516	shale			
516_586	lime			
586_592	shale			
592_634	lime			
532_034 634_704				
	shale			
704_725	harder shale			
725_820	shale			
820_824	lime			
824_830	shale			
330_844	lime			
344_898	shale			
398_900	lime			
900_906	shale			
906_918	lime			
918_932	shale			
932_936	lime			
936_950	shale			
950_957	lime			
957_970	shale			
970_978	lime			
978_984	shale			
984_986				
186_993	lime			
93_1025	shale			
	slight oil show			
025_1026	1st cap			
026_1030	cap			
030_1031	2nd cap			
031_1353	shale			
353_1359	lime			
359_1373	shale			
373_1376	lime			
376_1388	shale			
388_1391	lime			
391_1394	1st break odor good			
394_1397	lime			
	good oil			
399_1401	soft lime			
401_1403	harder lime			
403_1406	soft lime			
406_1408				
	harder lime			
408_1418	soft lime, oil			
418 _1450	lime			
	1450 TD			

Hurricane Services, Inc. 3613 A Y Road Madison, KS 66860 Office # 620-437-2661 Brad Cell # 620-437-6765



Ticket Number	100284	
Location	Madison	
Foreman	Brad Butter	

HURRICANE SERVICES INC OILFIELD SERVICES MADISON, KANSAS

P		Cement Service ticket				
Date	Customer #	Well Name & Number	Sec./Township/Range		County	
7-19-13		Lovett #1	24	6-23-16E	Woodson	
Customer	S Oil	Mailing Address	City	State	Zip	

Job Type:	LongsTring		Truck #	Driver
	0		201	Kelly
Hole Size: 63/4"	Casing Size: 41/2	Displacement: 23.3 Buls	202	Jerry James
Hole Depth: 1450-	Casing Weight: 9.516	Displacement PSI: 700	106	James
Bridge Plug:	Tubing:	Cement Left in Casing: o-	142-152	ClayTON
Packer:	PBTD: 1443-			,
Quantity Or Units	Description of	Servcies or Product	Pump charge	790.00
	Mileage		\$3.25/Mile	97.50
				-
157 SACKS	Quick. Set Cement		17.90	2810,30
<u>785 /6s</u>	KOI-SEAL 5"PU/	5K	,55	431.75
400 Bs.	Geh Flush		,30	120.00
4 Hrs,	WATEr Truck		84.00	336,00
4 Hrs.	WATE Transport		105.00	420,00
7000 GAL	WATE		13.00 AN/1000	91.00
30 miles	Truck * 290		1.50	45,00
	Wireline Services		50.00	N/c
10 Tons	Bulk Truck > minimum cl	nege	\$1.15/Mile	250.00
/	Plugs 41/2" Top Rubber		38.00	38.00
			Subtotal	5.429.55
		7.152	Sales Tax	249.61
			Estimated Tota	5679.16

Remarks: Pumped Coche 5.B6/5 Ahrad with good curculation, Pumpred 20 Bbls. Gel Flysh CisculsTed Pumped 10Bbl. Dyewater Ahrad, To condition Mixed Hole QuickSelcement 157.5Ks with 5the KO1-SEAL Shutdown - washout Pump+Lines Release Plus

Displaced Plug with 231/2 Bbls water - Final Rumping at 700 RSE, Bumped Plug To 1/00 RSE

Release Pressure - Float Held Close cashing in with OPSI

Good cement FETHAS with 10Bbl, slurry

"Thankyoa"

witnessed by Bab

Customer Signature