

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1161533

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	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.):	feet depth to:w/sx cmt.
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 SWD	Chloride content: ppm Fluid volume: bbls
	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operation
Dual Completion Permit #:	Operator Name:
☐ SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec Twp S. 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 III Approved by: Date:

	Side Two	1161533
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 Sh	eets)	Yes No		-	n (Top), Depth and		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	16		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted B (If no, Submit Copy)	Electronically	<pre>Yes □ No  Yes □ No  Yes □ No</pre>					
List All E. Logs Run:							
		CASIN	G RECORD	ew Used			
		Report all strings se	t-conductor, surface, int	ermediate, producti	on, 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 Specify For		RD - Bridge P Each Interval I		)e			ement Squeeze Record I 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
						1				
DISPOSITIC	ON OF C	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)						

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202



P.O. Box 763 • Hays, KS 67601 • OFFICE (785) 623-2920 • CELLULAR (785) 635-1511

# DRILLER'S LOG

Operator: Cattlemans Oil Op	erations Lic#	7064 Contractor: Disc	covery Drilling Co., Inc. LIC#31548
2260 Catherine Ro	bad		Box 763
Hays, KS 67601		Hay	s, KS 67601
		1	ENI 2210 EEI
Lease: Hadley # 13			FNL - 2310 FEL /NW/NE
			tion 20/ 11S/ 17W
			s County, KS
100 Mar	The second second	the second second	where the state of the local
		API#15- 051	-26,546-00-00
Loggers Total Depth: 3489'			6 GL - 1854 KB
Rotary Total Depth: <u>3490'</u> Commenced: <u>8/28/2</u>	013	Completed: 9/4	
	@ 259.59'W/150sks	Status: Oil	well
	@ 3489.79'W/195sks		
	Collar @ 1384')	_	
		FORMATIONS	
		from KB)	
		Shale	1128'
Surface, Sand & Shale	0'	Shale	
Dakota Sand	401'	Shale & Lime	1754'
Shale	482'	Shale	2216'
Cedar Hill Sand	596'	Shale & Lime	2668'
Red Bed Shale	747'	Lime & Shale	3010'
Anhydrite	1094'	RTD	3490'
Base Anhydrite	1128'		
STATE OF KANSAS) )	a de la companya de la compa	$\frown$	
) ss COUNTY OF ELLIS )			, ]
Thomas H. Alm of Di the above and foregoing is a	a true and correct log of the	1 hmas -	
	Th	omas H. Alm	
Subscribed and sworn to be	fore me on $9-5$	-/3	
My Commission expires:	6-28.14	50 5	
(Place stamp or seal below)	No.	tary Public	rouman
MYRNA S. H NOTARY P STATE OF K My App. Exp.	ANSAS ,		

Phone 785-483-2025 Cell 785-324-1041	Home Office P.C	D. Box 32 Russell, KS 67665 from on No. (150) (
Date 9-10-13	Sec. Twp. Range	County State On Location Finish
1. Aleg Braz marins	tra trade di la atera ta la La	ocation Toulon N to OPEN RANGE NO
Lease Hadley	Well No. # 4	Owner Co Xy /
Contractor Cartlemans	avantaria activitati muta	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish
Type Job	FILL A. TO AGREE OF 16 16 THE	cementer and helper to assist owner or contractor to do work as lister
Hole Size	T.D.	To Cottlein and Oil and a second of
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Run 5 igints	en la manager president en les	Baskets
Pumper 25 bi	bl of Hro	AFU Inserts
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Cell 785-324-1041	Twp. Range	County State On Location	Finish
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Lease Hadley	Well No. Design and the set of th	Owner           To Quality Oilwell Cementing, Inc.	in an ann ann an an an an an an an an an
Contractor Piscovery #2	Phile thereit is a barrier water and	<ul> <li>You are hereby requested to rent cementing equipment cementer and helper to assist owner or contractor to contractor.</li> </ul>	nt and furnish to work as listed
Type Job Surface		Charge C to Line A. I	na na serie de la constante de La constante de la constante de
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