

# ORIGINAL

## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

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 # 7064Name: Cattlemans Oil OperationsAddress 1: 2260 Catherine Rd.

Address 2: \_\_\_\_\_

City: Hays State: Ks Zip: 67601+Contact Person: Leo DorzweilerPhone: (785) 623-6847CONTRACTOR: License # 33493Name: American Eagle DrillingWellsite Geologist: Matt DreilingPurchaser: NCRA

Designate Type of Completion:

- New Well     Re-Entry     Workover
- 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:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening     Re-perf.     Conv. to ENHR     Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled    Permit #: \_\_\_\_\_
- Dual Completion    Permit #: \_\_\_\_\_
- SWD    Permit #: \_\_\_\_\_
- ENHR    Permit #: \_\_\_\_\_
- GSW    Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
	<u>11-6-11</u>	<u>11-17-11</u>

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 1220, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

API No. 15 - 051-26211-00-00

Spot Description: \_\_\_\_\_

SW SE NW Sec 21 Twp. 11 S. R. 17  East  West2310 Feet from  North /  South Line of Section1690 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

 NE     NW     SE     SWCounty: EllisLease Name: Hadley Well #: 11Field Name: Bemis-ShuttsProducing Formation: ArbuckleElevation: Ground: 1852 Kelly Bushing: 1857Total Depth: 3499 Plug Back Total Depth: \_\_\_\_\_Amount of Surface Pipe Set and Cemented at: 204 FeetMultiple Stage Cementing Collar Used?  Yes  NoIf yes, show depth set: 1357 FeetIf Alternate II completion, cement circulated from: 1357feet depth to: surface w/ 250 sx cmt.**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: Hauled off

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: Cattlemans Oil OperationsLease Name: Hadley License #: 7064Quarter NE Sec. 20 Twp. 11 S. R. 17  East  WestCounty: Ellis Permit #: D, 30 RECEIVED

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**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.

Signature: Leo DorzweilerTitle: Owner Date: 11-20-11**KCC Office Use ONLY** Letter of Confidentiality Received

Date: \_\_\_\_\_

 Confidential Release Date: \_\_\_\_\_ Wireline Log Received Geologist Report Received UIC DistributionALT  I  II  III Approved by: Alg Date: 12/20/11

Operator Name: Cattlemans Oil Operations Lease Name: Hadley Well #: 11  
 Sec. 21 Twp. 11 S. R. 17  East  West County: Ellis

**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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <u>Radiation-Guard Microresistivity</u>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr><td>Anhydrite</td><td>1075</td><td>+ 782</td></tr> <tr><td>Topeka</td><td>2792</td><td>-2935</td></tr> <tr><td>Heebner</td><td>3024</td><td>-1167</td></tr> <tr><td>Toronto</td><td>3044</td><td>-1187</td></tr> <tr><td>Lansing</td><td>3070</td><td>-1213</td></tr> <tr><td>B KC</td><td>3306</td><td>-1449</td></tr> <tr><td>Arbuckle</td><td>3360</td><td>-1503</td></tr> <tr><td>TD</td><td>3499</td><td>-1641</td></tr> </tbody> </table>	Name	Top	Datum	Anhydrite	1075	+ 782	Topeka	2792	-2935	Heebner	3024	-1167	Toronto	3044	-1187	Lansing	3070	-1213	B KC	3306	-1449	Arbuckle	3360	-1503	TD	3499	-1641
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CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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
surface	9"	8 5/8	24	204	common	150	common
Production	7 7/8	5 1/2	15.50	3488	common	225	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3360-3368	NA	

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TUBING RECORD: Size: <u>2 7/8</u> Set At: <u>3410</u> Packer At: <u>NA</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR: <u>11-21-11</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours: Oil <u>25</u> Bbls. Gas <u>NA</u> Mcf Water <u>175</u> Bbls. Gas-Oil Ratio _____ Gravity _____	

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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## Driller's Log

**Operator:** Cattleman's Oil Operations  
2260 Catherine Rd  
Hays, KS 67601

**Contractor:** American Eagle Drilling, LLC  
P.O. Box 66  
Plainville, KS 67663

**Lease:** Hadley #1

**Location:** SW/SE/NW  
Sec. 21/11S/17W  
Ellis County, Kansas

**Loggers Total Depth:** 3,498'

**API #:** 051-26211

**Rotary Total Depth:** 3,499'

**Elevation:** 1,841'

**Commenced:** 10/30/2011

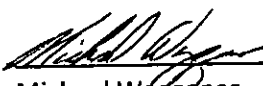
**Completed:** 1,841'

**Casing:** 8 5/8" @ 204' w/50 sx 150 sx  
5 1/2" @ 3,490'

### Depth and Formations All from KB

Surface, Sand and Shale	<u>0'</u>	Shale	<u>1,115'</u>
Dakota Sand	<u>420'</u>	Shale and Sand	<u>1,450'</u>
Shale	<u>525'</u>	Shale	<u>2,320'</u>
Cedar Hill Sand	<u>620'</u>	Shale and Lime	<u>3,000'</u>
Red Bed Shale	<u>735'</u>	Lime and Shale	<u>3,250'</u>
Anhydrite	<u>1,089'</u>	RTD	<u>3,499'</u>
Base Anhydrite	<u>1,115'</u>		

Michael Waggoner of American Eagle Drilling, LLC states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.

  
\_\_\_\_\_  
Michael Waggoner  
Manager of Operations

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# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 515

Date	11/6/11	Sec.	21	Twp.	11	Range	17	County	Ellis	State	KS	On Location		Finish	6:45 AM
Lease	Hadley		Well No.	11		Location Toulon N to Open Range, 2 1/2 N, 1 E									
Contractor	American Eagle Drilling Rig #3					Owner									
Type Job	Production String					To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.									
Hole Size	7 7/8"		Y.D.	3499'		Charge To									
Csg.	5 1/2" 15.50#		Depth	3491'		Cattlemans Oil Operations									
Tbg. Size			Depth			Street									
Tool	Port Collar		Depth	1357'		City									
Cement Left in Csg.	12'		Shoe Joint	12'		State									
Meas Line			Displace	84 Pbs.		The above was done to satisfaction and supervision of owner agent or contractor.									
						Cement Amount Ordered 225 ex Com 10% Salt									

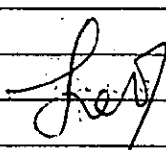
### EQUIPMENT

Pumptrk	9	No.	Cementor	Paul	Common	225
			Helper			
Bulktrk	8	No.	Driver	Matt	Poz. Mix	
			Driver			
Bulktrk	PU	No.	Driver	Cory	Gel.	
			Driver			

### JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	30 ex Salt 20
Mouse Hole	Flowseal
Centralizers	5, 7, 9, 11, 13, 53 Kol-Seal
Baskets	2, 4, 50 Mud CLR 48 500 gal
D/V or Port Collar	# 51 1357' CFL-117 or CD110 CAF 38
Est Circ.	Sand
Pump 500 gal sand clear-48	Handling 245
Plug Rat Hole	Mileage
Mix 155 5 1/2"	5 1/2"

Displace	Guide Shoe	1	RECEIVED DEC 07 2011 KCC WICHITA
Land Plug	Centralizer	6	
Float Held	Baskets	3	
	AFU Inserts	1	
	Float Shoe		
	Latch Down		
	Port Collar		
	Rubber Plug		
	Pumptrk Charge	Prod. Long String	
	Mileage	13	
	Tax		
	Discount		
	Total Charge		

x Signature 

# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 162

Date	10-30-11	Sec.	21	Twp.	11	Range	17	County	Ellis	State	Ks	On Location		Finish	8:00 AM			
Lease	Hadley		Well No.	#11		Location Taylor Rd + I-70 N to open Range 2-3 miles												
Contractor	American Eagle #3					Owner E to Rig												
Type Job	Surface					To Quality Oilwell Cementing, Inc.												
Hole Size	12 1/4"					T.D.	207'					You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.						
Csg.	8 3/4"					Depth	207'					Charge To Cattleman's oil						
Tbg. Size						Depth						Street						
Tool						Depth						City						
Cement Left in Csg.	15'					Shoe Joint	15'					State						
Meas Line						Displace	12 BUS					The above was done to satisfaction and supervision of owner agent or contract						
													Cement Amount Ordered			150 SX Common 3%CL 2%G		

**EQUIPMENT**

Pumptrk	1	No.	Cementer	Cisco	Common	150
			Helper			
Bulktrk	8	No.	Driver	Tim	Poz. Mix	
			Driver			
Bulktrk	p.u.	No.	Driver	Rick	Gel.	3
			Driver			

**JOB SERVICES & REMARKS**

Remarks:	Cement did Circulate.					
Rat Hole						
Mouse Hole						
Centralizers						
Baskets						
D/V or Port Collar						
	CFL-117 or CD110 CAF 38					
	Sand					
	Handling 158					
	Mileage					

**FLOAT EQUIPMENT**

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge	Surface
Mileage	13

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X Signature *Bruce R. Kuhn*

Tax	
Discount	
Total Charge	

# OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67663

No. 065

Date	11-15-11	Sec.	21	Twp.	11	Range	17	County	Ellis	State	KS	On Location	10/15
Lease	Harley		Well No.		11		Location		Tadon v of Range 2 3/4 - 1511k				

Contractor	CO TOOLS		Owner	To Quality Oilwell Cementing, Inc.	
Type Job			You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as list.		
Hole Size	T.D.		Charge To	Cattlemans Oil	
Csg.	Depth		To		
Tbg. Size	Depth		Street		
Tool	Depth		City	State	
Cement Left in Csg.	Shoe Joint		The above was done to satisfaction and supervision of owner agent or contra		
Meas Line	Displace		Cement Amount Ordered		

**EQUIPMENT**

Pumptrk	1	No.	Cementer	Eug	Helper	Eug
Bulktrk		No.	Driver		Driver	
Bulktrk	8	No.	Driver	Brian	Driver	Brian

Common	250
Poz. Mix	
Gel.	
Calcium	
Hulls	
Salt	
Flowseal	62#
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	250
Mileage	

**JOB SERVICES & REMARKS**

Remarks:  
Rat Hole  
Mouse Hole  
Centralizers  
Baskets  
D/V or Port Collar  
Part collar 135 Test casing to  
~~8000' after open tool~~  
Est. Circulation Mix 250SK x  
Displace Cement Circulated.  
Close Tool previous to spot  
Hold for 5 joints & Release out.

<b>FLOAT EQUIPMENT</b>	
Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	

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Thanks!

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Pumptrk Charge	Part Collar
Mileage	13
Tax	
Discount	
Total Charge	

X Signature