



KANSAS CORPORATION COMMISSION 1095544  
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 # 31160  
Name: Phillips Exploration Company L.C.  
Address 1: 1601 Sagebrush  
Address 2: \_\_\_\_\_  
City: WICHITA State: KS Zip: 67230 + 7010  
Contact Person: James B. Phillips  
Phone: ( 316 ) 636-2256  
CONTRACTOR: License # 30806  
Name: Murfin Drilling Co., Inc.  
Wellsite Geologist: James B. Phillips  
Purchaser: Maclasky

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 #: \_\_\_\_\_

<u>11/15/2011</u>	<u>11/21/2011</u>	<u>12/07/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-135-25322-00-00

Spot Description:  
E2 SW SW SW Sec. 13 Twp. 19 S. R. 24  East  West  
330 Feet from  North /  South Line of Section  
590 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW

County: Ness  
Lease Name: Laas Well #: 1-13

Field Name: \_\_\_\_\_  
Producing Formation: Cherokee

Elevation: Ground: 2238 Kelly Bushing: 2243

Total Depth: 4415 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 220 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.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)

Chloride content: 500 ppm Fluid volume: 400 bbls  
Dewatering method used: Evaporated

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

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

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

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**

Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: NAOMI JAMES Date: 10/03/2012

1095544

Operator Name: Phillips Exploration Company L.C. Lease Name: Laas Well #: 1-13  
 Sec. 13 Twp. 19 S. R. 24  East  West County: Ness

**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 checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:  Dual Induction Compensated Density Micro	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum Attached Attached Attached
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CASING RECORD <input checked="" type="checkbox"/> New <input 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	12.25	8.625	23	220	common	150	60/40
long string	7.875	5.5	14	4414	common	175	Qcom

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 <i>(Amount and Kind of Material Used)</i>	Depth
4	4292-4305	natural	4305

TUBING RECORD:	Size: <u>2.875</u>	Set At: <u>4345</u>	Packer At: <u>no</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>02/01/2012</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 Bbls. <u>35</u>	Gas Mcf	Water Bbls. <u>25</u>	Gas-Oil Ratio <u>38</u>

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4292-4305</u>
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Form	ACO1 - Well Completion
Operator	Phillips Exploration Company L.C.
Well Name	Laas 1-13
Doc ID	1095544

Tops

Anhy	1486	+757
B/Anhy	1526	+717
Heebner	3654	-1411
Lansing	3696	-1453
B/KC	4007	-1764
Cherokee Sh	4232	-1989
Miss Dolo	4318	-2075
TD	4415	-2172

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 529

Date	11/15/11	Sec.	13	Twp.	19	Range	24	County	Ness	State	KS	On Location		Finish	10:45PM
Lease	Lucas	Well No.	1-13		Location Ness City, 3/2 S, 1/2 W, 1 S, Winto										
Contractor	Martin Drilling Rig #16							Owner							
Type Job	Surface							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	12 1/4"		T.D.		222'		Charge To								
Csg.	8 5/8"		Depth		221'		Phillips Exploration								
Tbg. Size			Depth				Street								
Tool			Depth				City								
Cement Left in Csg.	15'		Shoe Joint				State								
Meas Line			Displace		13 Bbk.		The above was done to satisfaction and supervision of owner agent or contractor.								
							Cement Amount Ordered								
							150 sq Com 3% Cu 2% ogal								

**EQUIPMENT**

Pumptrk	9	No.	Cement Helper	Paul	Common	150
Bulktrk	8	No.	Driver	Mich	Poz. Mix	
Bulktrk	PU	No.	Driver	Michael	Gel.	3

**JOB SERVICES & REMARKS**

Remarks:	Calcium	5
Rat Hole	Hulls	
Mouse Hole	Salt	
Centralizers	Flowseal	
Baskets	Kol-Seal	
D/V or Port Collar	Mud CLR 48	
Est. Circ	CFL-117 or CD110 CAF 38	
Mix 150 sq	Sand	
Displace	Handling	158
Cement Circulated	Mileage	

**FLOAT EQUIPMENT**

	Guide Shoe	
	Centralizer	8 5/8"
	Baskets	
	AFU Inserts	Swage
	Float Shoe	
	Latch Down	
	Pumptrk Charge	Surface
	Mileage	6

Thank You!!!

X Signature *A. J. [Signature]*

Tax  
Discount  
Total Charge

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 532

Date	11/22/11	Sec.	13	Twp.	19	Range	24	County	Ness	State	KS	On Location		Finish	3:15 AM	
Lease	Loas	Well No.	1-13			Location Ness City, 3 1/2 S, 1 1/2 W, 1 S, W into										
Contractor	Murfin Drilling Rig #6							Owner								
Type Job	Production string <del>to</del> Bottom							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"		T.D.		4414'		Charge To									
Csg.	5 1/2" 14#		Depth		4413'		Phillips Exploration									
Tbg. Size			Depth				Street									
Tool	DN Jt # 72		Depth		1498'		City									
Cement Left in Csg.	18'		Shoe Joint		18'		State									
Meas Line			Displace		107 1/4 Bbls.		The above was done to satisfaction and supervision of owner agent or contractor.									
EQUIPMENT							Cement Amount Ordered 175 Sx Com 10% Salt									
Pumptrk	9	No.	Cementer	Paul		Common		5% Gilsomite								
Bulktrk	14	No.	Helper	Cisco		175										
Bulktrk	PV	No.	Driver	Brain		Poz. Mix										
JOB SERVICES & REMARKS							Gel.									
Remarks:								Calcium								
Rat Hole								Huffs								
Mouse Hole								Salt								
Centralizers	3, 4, 5, 6, 7, 10, 14, 18, 24, 71							Flowseal								
Baskets	25, 72							Kol-Seal								
DN or Port Collar	Jt # 72 1498'							825#								
Est Circ.	1-hour							Mud CLR 48								
Pump	500 gal Mud Clean / 10 Bbl							1000 gal / 20 Bbls KU								
Mix	175 Sx							CFL-117 or CD110 CAF 38								
Displace	72 Water / 35% Mud							Sand								
Land Plug								Handling								
Float Held								199								
Thank You!!							Mileage									
							5 1/2" FLOAT EQUIPMENT									
							Guide Shoe									
							Centralizer									
							10									
							Baskets									
							2 - PAFO									
							AFU Inserts									
							Float Shoe									
							1									
							Latch Down									
							DN Tool w/ latch Down									
							40 Reiforcing Scratchers									
							Pumptrk Charge									
							prod Long String Bottom Stage									
							Mileage									
							8									
Signature							Tax									
							Discount									
							Total Charge									

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 533

Date	11/22/11	Sec.	13	Twp.	19	Range	24	County	Ness	State	Ks	On Location		Finish	6:45AM			
Lease	Loes	Well No.	1-13			Location Ness City, 3 1/2 S, 1 1/2 W, 15, W into												
Contractor	Murfen Drilling Rig #16							Owner										
Type Job	Production String - Top							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"			T.D.			44 1/4'											
Csg.	5 1/2" 14 #			Depth			4413'											
Tbg. Size				Depth			Street											
Tool	DV J+ # 72			Depth			1498'											
Cement Left in Csg.				Shoe Joint			City State											
Meas Line				Displace			36 1/2 Bbls, Cement Amount Ordered 350 sx Q-MDC 14 # Elcele											
<b>EQUIPMENT</b>												Used 290						
Pumptrk	9	No.	Cementer	Paul				Common 290										
Bulktrk	12	No.	Driver	Cisco				Poz. Mix										
Bulktrk	PV	No.	Driver	Michael				Gel.										
<b>JOB SERVICES &amp; REMARKS</b>												Calcium						
Remarks:												Hulls						
Rat Hole	30 sx														Salt			
Mouse Hole	20 sx														Flowseal 87 #			
Centralizers												Kol-Seal						
Baskets												Mud CLR 48						
D/V or Port Collar	J+ # 72			1498'			CFL-117 or CD110 CAF 38											
Open Tool												Sand						
Circ. - 2 hours												Handling 350						
Plamp 500 gal Mud Clean / 10 Bbl												KCL Mileage						
Plug Rat / Mouse												<b>FLOAT EQUIPMENT</b>						
Mix 300 sx												Guide Shoe						
Displace												Centralizer						
Land Plug / Close Tool												Baskets						
Cement Circulated												AFU Inserts						
												Float Shoe						
												Latch Down						
Thank You!!																		
												Pumptrk Charge						
												Mileage						
												Tax						
												Discount						
												Total Charge						
X Signature	[Signature]																	