

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

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 # 9262  
Name: LOWRY EXPLORATION, INC.  
Address 1: 427 S. BOSTON, STE, 306  
Address 2: \_\_\_\_\_  
City: TULSA State: OK Zip: 74103 + \_\_\_\_\_  
Contact Person: R.G. LOWRY  
Phone: ( 918 ) 587-5094  
CONTRACTOR: License # 5929  
Name: DUKE DRILLING  
Wellsite Geologist: NONE  
Purchaser: NONE

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

2/28/11      3/7/11      3/7/11  
Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date           Recompletion Date

API No. 15 - 189-22763-0500

Spot Description: \_\_\_\_\_  
\_\_\_\_\_ SW SE NW Sec. 26 Twp. 33 S. R. 38  East  West  
1,590 Feet from  North /  South Line of Section  
740 Feet from  East /  West Line of Section

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

County: STEVENS

Lease Name: DEMUTH Well #: 1-26X

Field Name: WILDCAT

Producing Formation: NONE

Elevation: Ground: 3178 Kelly Bushing: 3190

Total Depth: 1750 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: LOST HOLE 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: 175 ppm Fluid volume: 300 bbls

Dewatering method used: EVAPORATION

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

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

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

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

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, 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.

**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: R.G. Lowry  
Title: PRESIDENT Date: 3/22/2011

**KCC Office Use ONLY**

**RECEIVED**  
**MAR 25 2011**  
**KCC WICHITA**  
 Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: DJG Date: 3/28/11

Operator Name: LOWRY EXPLORATION, INC. Lease Name: DEMUTH Well #: 1-26X

Sec. 26 Twp. 33 S. R. 38  East  West County: STEVENS

**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  Yes  No  
(Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No

Electric Log Submitted Electronically  Yes  No  
(If no, Submit Copy)

Log Formation (Top), Depth and Datum  Sample  
Name Top Datum  
GLORIETTA 1140 KB

List All E. Logs Run:  
**NO LOGS - LOST HOLE**

CASING RECORD <input 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
CONDUCTOR	32 INCH	20 INCH	84 #	70 FEET	GROUT	8 YARDS	
SURFACE PIPE	17 1/2	13 3/8	48#	610	A-CON BLEND	220	3%CC+1/4# POLYFLAKE
					PREMIUM PLUS	150	2%CC+1/4#POLYFLAKE

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
— Perforate				
— Protect Casing				
— Plug Back TD				
— 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

TUBING RECORD: Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_  
Estimated Production Per 24 Hours: Oil Bbls. \_\_\_\_\_ Gas Mcf \_\_\_\_\_ Water Bbls. \_\_\_\_\_ Gas-Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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**BASIC**  
ENERGY SERVICES  
Liberal, Kansas

**Cement Report**

Customer	Lease No.	Date
Lease	Well #	Service Receipt
Casing	Depth	County
Job Type	Formation	Legal Description

Pipe Data		Perforating Data		Cement Data
Casing size	Tubing Size	Shots/Ft		Lead
Depth	Depth	From	To	
Volume	Volume	From	To	
Max Press	Max Press	From	To	Tail in
Well Connection	Annulus Vol.	From	To	
Plug Depth	Packer Depth	From	To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:30					on loc-site assessment
9:32					spot trucks-rig up
10:00					start csg + float sand
10:45					csg on bottom break circ
10:45					wait on cement
11:00					pressure test 3000#
11:06	100		116	4	start mixing & pump 220 sk 3% CC, 1/2% solids, 2% wax 2.95 lb/sk, 18.10 gal/sk @ 11:4 am
11:40	100		36	4	switch to tail cont 150 sk 2% CC, 1/2% solids 1.34 lb/sk, 6.33 gal/sk @ 11:5 am
11:50	0		0	4	drop disp, disp csg
12:07	150		69	3	slow rate 20 lbf before land
12:10	200		79	2	slow rate last 10 lbf of disp
12:15	500		89	0	land plug, float hold pvc curve to surface job complete

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Service Units	
Driver Names	



**BASIC**  
ENERGY SERVICES  
Liberal, Kansas

# Cement Report

Customer: <u>Energy Services</u>	Lease No.:	Date: <u>3-24-11</u>
Lease: <u>Don't</u>	Well #: <u>F-26X</u>	Service Receipt: <u>04500</u>
Casing: <u>7 7/8" ID</u>	Depth: <u>1000</u>	County: <u>SEWYARD</u>
Job Type: <u>ZUL-DTA</u>	Formation:	Legal Description: <u>26-33-30</u>

Pipe Data		Perforating Data		Cement Data
Casing size	Tubing Size	Shots/Ft		Lead: <u>20 SK</u>
Depth	Depth	From	To	<u>00/40 50Z</u>
Volume	Volume	From	To	<u>60/40 50Z</u>
Max Press	Max Press	From	To	Tail in
Well Connection	Annulus Vol.	From	To	
Plug Depth	Packer Depth	From	To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:00					on loc - site assessment
7:05					start trucks - dig up
9:00					Exhibits mounting
9:15	50		10	3	circ hole @ 1000 - no returns
9:17	50		13.4	3	MIX + DILUO 50 SK @ 1000 - 750 gal
					w/ 1.50 @ 7.50 gal @ 13.5 gpm
9:30	0		6	3	diso balanced plug
10:00	50		60	3	circ hole @ 30' - no returns
10:05	50		5.3	3	MIX + DILUO 70 SK
10:07					circ cutt to surface
10:15	50		13.4	3	MIX + DILUO 50 SK - plug rat + mouse holes
					job complete

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Service Units				
Driver Names				

Customer Representative: \_\_\_\_\_ Station Manager: James A. [unclear] Cementer: \_\_\_\_\_ Taylor Printing, Inc.