

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 # 32325  
Name: POPP OPERATING, INC  
Address 1: PO BOX 187  
Address 2:  
City: HOISINGTON State: KS Zip: 67544 + 0187  
Contact Person: RICKEY POPP  
Phone: ( 620 ) 786-5514  
CONTRACTOR: License # 31548  
Name: DISCOVERY DRILLING CO., INC.  
Wellsite Geologist: JASON ALM  
Purchaser: 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 #:  
8/27/2011 9/03/2011 9/12/2011 (PLUGGED)  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 167-23,736-00-00  
Spot Description:  
w/2 SE SW NE Sec. 31 Twp. 15 S. R. 13  East  West  
2,310 Feet from  North /  South Line of Section  
1,800 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: RUSSELL  
Lease Name: LEO MICHAELIS TRUST Well #: 2  
Field Name: TRAPP  
Producing Formation: ARBUCKLE  
Elevation: Ground: 1916 Kelly Bushing: 1924  
Total Depth: 3370 Plug Back Total Depth: 3344  
Amount of Surface Pipe Set and Cemented at: 879 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: 16,000 ppm Fluid volume: 400 bbls  
Dewatering method used: HAULED FREE FLUIDS  
Location of fluid disposal if hauled offsite:  
Operator Name: POPP OPERATING, INC  
Lease Name: BOOMHOWER "A" #1 SWD License #: 32325  
Quarter NW Sec. 32 Twp. 15 S. R. 13  East  West  
County: RUSSELL Permit #: D-28,918

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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. 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: Rickey Popp  
Title: PRESIDENT Date: 11/07/2011

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: DJG Date: 11/14/11

Operator Name: POPP OPERATING, INC Lease Name: LEO MICHAELIS TRUST Well #: 2  
 Sec. 31 Twp. 15 S. R. 13  East  West County: RUSSELL

**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 type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> No <i>(If no. Submit Copy)</i>  List All E. Logs Run: <b>COMPENSATED NEUTRON/DENSITY, DUAL                  INDUCTION, MICRO &amp; CBL LOGS</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table 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>868'</td> <td>+1030</td> </tr> <tr> <td>TOPEKA</td> <td>2771'</td> <td>-873</td> </tr> <tr> <td>PLATTSMOUTH</td> <td>2918'</td> <td>-1020</td> </tr> <tr> <td>HEEBNER</td> <td>3002'</td> <td>-1104</td> </tr> <tr> <td>DOUGLAS</td> <td>3033'</td> <td>-1135</td> </tr> <tr> <td>L-KC</td> <td>3072'</td> <td>-1174</td> </tr> <tr> <td>ARBUCKLE</td> <td>3313'</td> <td>-1415</td> </tr> </tbody> </table>	Name	Top	Datum	ANHYDRITE	868'	+1030	TOPEKA	2771'	-873	PLATTSMOUTH	2918'	-1020	HEEBNER	3002'	-1104	DOUGLAS	3033'	-1135	L-KC	3072'	-1174	ARBUCKLE	3313'	-1415
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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 PIPE	12-1/4"	8-5/8"	23	879	COMMON	320	2%GEL/3%CC
PRODUCTION	7-7/8"	5-1/2"	14	3367	ECONOBOND	100	

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

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
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DISPOSITION OF GAS: <input checked="" type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-1B.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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QUALITY WELL SERVICE INC

324 SIMPSON  
PRATT KS 67124

Invoice

Date	Invoice #
9/11/2011	270

<p>Bill To</p> <p>POPP OPERATING PO BOX 187 HOISINGTON KS 67544</p>
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P.O. No.	Terms	Project

Quantity	Description	Rate	Amount
171	COMMON	13.50	2,308.50T
114	POZ	8.50	969.00T
10	GEL	20.00	200.00T
3	CALCIUM	53.00	159.00T
11	HULLS	35.00	385.00T
298	HANDLING	2.10	625.80T
3,750	.08 * SACKS * MILES	0.08	300.00T
1	PLUG	950.00	950.00T
10	PUMP TRUCK MILEAGE	8.00	80.00T
298.87	DISCOUNT	-1.00	-298.87T
	DISCOUNT EXPIRES AFTER 30 DAYS FROM THE DATE OF THE INVOICE	0.00	0.00
	LEO MICHAELIS TRUST #2		
	Sales Tax RUSSELL	8.30%	471.31
<p>9 RCVD 9-14-11</p> <p>Lease Leo Michaelis Trust #2</p> <p>Acct # <del>7750</del> 73550</p> <p>Date PD/Ck # _____</p> <p><del>Material \$ 5071.29 -</del></p> <p><del>Labor \$ 1078.45 -</del></p>			<p>RECEIVED</p> <p>NOV 10 2011</p> <p>KCC WICHITA</p>
<p>Thank you for your business.</p>		<b>Total</b>	\$6,149.74

# QUALITY OILWELL CEMENTING, INC.

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

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

No. 5286

Date	8/31/11	Sec.	31	Twp.	15	Range	13	County	Russell	State	KS	On Location	Finish	4:00 PM	
Lease	LEO MICHAELIS TRUST #2			Well	TRUST #2			Location	Hwy 281, Michaelis Bl, SE, 3/4 S, W into						
Contractor	Discovery Drilling Rig #2							Owner	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.						
Type Job	Surface							Charge To	Popp Operating						
Hole Size	12 1/4"			T.D.	880'			Depth	880'						
Csg.	8 5/8"			Depth	880'										
Tbg. Size				Depth											
Tool				Depth											
Cement Left in Csg.	42'			Shoe Joint	42'			The above was done to satisfaction and supervision of owner agent or contractor.							
Meas Line				Displace	5 3/2 Bbls.			Cement Amount Ordered	320s x Con 3% CC 2% gel						

**EQUIPMENT**

Pumptrk	9	No.	Cementer	Paul	Common	320
			Helper			
Bulktrk	10	No.	Driver	Matt	Poz. Mix	
			Driver			
Bulktrk	PV	No.	Driver	Brian	Gel.	6
			Driver			

**JOB SERVICES & REMARKS**

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
Est. Est.	Sand
Mix 320s x	Handling 338
Displace	Mileage
hand Plug	8 5/8"
Cement Circulated	<b>FLOAT EQUIPMENT</b>

Guide Shoe	<b>RECEIVED</b>
Centralizer	
Baskets	NOV 10 2011
AFU Inserts	<b>KCC WICHITA</b>
Float Shoe	
Latch Down	
Baffle Plate + Rubber Plug	
Head + Manifolds	
Pumptrk Charge	Long Surface
Mileage	16
Tax	
Discount	
Total Charge	

Thank You!!!

X Signature

Customer <b>Pope Operating</b>	Lease No.	Date <b>9-4-11</b>
Lease <b>Leomichaelis</b>	Well # <b>2</b>	
Field Order # <b>5002</b>	Station <b>Pratt</b>	Casing <b>5 1/2 11 1/2</b>
		Depth <b>3371</b>
Type Job <b>CNW-5 1/2 L.S</b>	Formation	County <b>Russell</b>
		State <b>KS</b>
		Legal Description <b>31-15-13</b>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft				RATE	PRESS	ISIP
<b>5 1/2 11 1/2</b>			<b>100 sks</b>	<b>Acid Eurobond</b>				
Depth <b>3371</b>	Depth	From	To <b>35 sks</b>	Pre Pad <b>60/40 per</b>	Max			<b>5 Min.</b>
Volume <b>80.2</b>	Volume	From	To <b>50 sks</b>	Pad <b>60/40 per KH/MH</b>	Min			<b>10 Min.</b>
Max Press <b>1573</b>	Max Press	From	To	Frac	Avg			<b>15 Min.</b>
Well Connection <b>P.C.</b>	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush <b>81.74</b>	Gas Volume			Total Load

Customer Representative <b>Rick Pope</b>	Station Manager <b>Dave Scott</b>	Treater <b>Steve Orlando</b>
Service Units <b>27283</b>	<b>19842 / 19889</b>	<b>19831 / 19863</b>
Driver Names <b>Dorado</b>	<b>Mitchell</b>	<b>Hunter</b>

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
<b>2:00 AM</b>					<b>On location - Safety meet.</b>
					<b>Run 7751s 5 1/2 14" casing</b>
					<b>Centralize - 1-2-3-4-5-6-7-8</b>
					<b>Baskets on collars 3-4-5</b>
					<b>21.73 S.T.</b>
					<b>Casing on bottom - Break circ w/R.</b>
					<b>Rotate casing</b>
<b>5:45</b>	<b>310</b>		<b>8</b>	<b>5</b>	<b>Mix 35 sks 60/40 per @ 10#/gal</b>
<b>5:47</b>	<b>300</b>		<b>26</b>	<b>5</b>	<b>Mix 100 sks Eurobond @ 13.8#/gal</b>
					<b>Shut Down - Clear Pump &amp; Line</b>
					<b>Release plug</b>
<b>5:58</b>	<b>0</b>		<b>0</b>	<b>6</b>	<b>Start H<sub>2</sub>O Displacement w/ 2% KCL</b>
<b>6:09</b>	<b>300</b>		<b>65</b>	<b>5</b>	<b>List Pressure</b>
<b>6:12</b>	<b>500</b>		<b>70</b>	<b>4</b>	<b>Slow Rate - Stop Rotation</b>
<b>6:15 AM</b>	<b>1500</b>		<b>82</b>	<b>4</b>	<b>Plug Down - H.I.D</b>
					<b>Job complete</b>
					<b>Plus KH/MH w/50sk. 60/40 per.</b>
					<b>Thank, Steve</b>

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SEP 11 2011

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