

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
June 2009

Form Must Be Typed  
Form must be Signed  
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 #: \_\_\_\_\_

11/10/2010	11/14/2010	11/25/2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 167-23,673-00-00  
Spot Description: \_\_\_\_\_  
E/2 SE NW SW Sec. 36 Twp. 15 S. R. 14  East  West  
1,650 Feet from  North /  South Line of Section  
1,140 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: RUSSELL  
Lease Name: DUMLER Well #: 3  
Field Name: TRAPP  
Producing Formation: ARBUCKLE  
Elevation: Ground: 1881' Kelly Bushing: 1889'  
Total Depth: 3390' Plug Back Total Depth: 3338'  
Amount of Surface Pipe Set and Cemented at: 873 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.

RECEIVED  
JAN 18 2011

KCC WICHITA

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: 16,000 ppm Fluid volume: 320 bbls  
Dewatering method used: HAUL FREE FLUIDS/EVAPORATION  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: POPP OPERATING, INC  
Lease Name: MICHAELIS A License #: 32325  
Quarter SE Sec. 36 Twp. 15 S. R. 14  East  West  
County: RUSSELL Permit #: D-28,748

**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: Rickey Popp  
Title: PRESIDENT Date: 01/12/2011

**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: Dlg Date: 1/21/11

Operator Name: POPP OPERATING, INC Lease Name: DUMLER Well #: 3  
 Sec. 36 Twp. 15 S. R. 14  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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:  COMPENSATED NEUTRON/DENSITY, DUAL INDUCTION, MICRO & CEMENT BOND LOGS	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>ANHYDRITE</td> <td>854'</td> <td>+1035</td> </tr> <tr> <td>TARKIO</td> <td>2569'</td> <td>-680</td> </tr> <tr> <td>TOPEKA</td> <td>2774'</td> <td>-885</td> </tr> <tr> <td>HEEBNER</td> <td>3005'</td> <td>-1116</td> </tr> <tr> <td>DOUGLAS</td> <td>3037'</td> <td>-1148</td> </tr> <tr> <td>L-KC</td> <td>3070'</td> <td>-1181</td> </tr> <tr> <td>ARBUCKLE</td> <td>3306'</td> <td>-1417</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	ANHYDRITE	854'	+1035	TARKIO	2569'	-680	TOPEKA	2774'	-885	HEEBNER	3005'	-1116	DOUGLAS	3037'	-1148	L-KC	3070'	-1181	ARBUCKLE	3306'	-1417
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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	873'	COMMON	320	2%GEL&3%CC
PRODUCTION CSG	7-7/8"	5-1/2"	14	3385'	ECONOBOND	150	

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
4	3306-07'	150 GAL 7-1/2% MCA	
4	3307-08'	150 GAL 7-1/2% MCA	

TUBING RECORD: Size: <u>2-7/8"</u> Set At: <u>3326'</u> Packer At: <u>A/C 3265'</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>12-06-10</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>8</u> Gas Mcf <u> </u> Water Bbls. <u>410</u> Gas-Oil Ratio <u> </u> Gravity <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>3306-08'</u>
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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. 4573

Date	11-11-10	Sec.	36	Twp.	15	Range	14	County	Russell	State	KS	On Location		Finish	10:45AM
Lease	Dumler	Well No.	3			Location Russell Sto Michaelis rd 1E 1S									
Contractor	Discovery #2				Owner E into										
Type Job	Long 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	2 7/4		T.D.		873		Charge To Popp Operating								
Csg.	8 5/8 23lb		Depth		873.11		Street								
Tbg. Size			Depth		City										
Tool			Depth		State										
Cement Left in Csg.	2.69		Shoe Joint		22.69		The above was done to satisfaction and supervision of owner agent or contractor.								
Meas Line			Displace		54bbs		Cement Amount Ordered 3200m 30cc 2b gel								

**EQUIPMENT**

Pumptrk	9	No.	Cementer	Brandon	Common	320
			Helper			
Bulktrk	12	No.	Driver	Paul	Poz. Mix	
			Driver			
Bulktrk	fu	No.	Driver	Cisco	Gel.	6
			Driver			

**JOB SERVICES & REMARKS**

Remarks:	Hulls	
Rat Hole	Salt	RECEIVED
Mouse Hole	Flowseal	JAN 18 2011
Centralizers	Kol-Seal	KCC WICHITA
Baskets	Mud CLR 48	
D/V or Port Collar	CFL-117 or CD110 CAF 38	
Cement did circob	Sand	
	Handling	337
	Mileage	

**FLOAT EQUIPMENT**

1-8 5/8 head + manifold on location	Guide Shoe	
Thank you!	Centralizer	
	Baskets	
	AFU Inserts	
	Float Shoe	
	Latch Down	
	1-8 5/8 baffle plate	
	1-8 7/8 solid rubber plug	
	Pumptrk Charge Long Surface	
	Mileage	13

X Signature <i>[Signature]</i>	Tax	
	Discount	
	Total Charge	

Customer <b>POPP OPERATING</b>	Lease No.	Date <b>11-15-10</b>	
Lease <b>DONKER</b>	Well # <b>3</b>		
Field Order # <b>3078</b>	Station <b>Pad #</b>	Casing <b>5 1/2</b>	Depth
Type Job <b>CNW 5 1/2 Longstay</b>	Formation	Legal Description <b>36-15-14</b>	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
<b>5 1/2</b>				Pre Pad	Max		5 Min.
Depth <b>327'41"</b>	Depth	From	To	Pad	Min		10 Min.
Volume <b>81'1/2</b>	Volume	From	To	Frac	Avg		15 Min.
Max Press <b>2100</b>	Max Press	From	To		HHP Used		Annulus Pressure
Well Connection <b>PC</b>	Annulus Vol.	From	To	Flush	Gas Volume		Total Load
Plug Depth <b>334'34"</b>	Packer Depth	From	To				

Customer Representative	Station Manager <b>DAVE SCOTT</b>	Treater <b>Robert Kellner</b>
Service Units <b>19867 33708 20220 19940 19916</b>		
Driver Names <b>Sullivan melson Phyle</b>		

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
<b>0600</b>					ON LOC Safety meeting
					RECEIVED JAN 18 2011 KCC WICHITA
<b>1145</b>					CASING ON BOTTOM
<b>1155</b>					HOOK' UP TO CIRC
<b>1300</b>	<b>200</b>		<b>20</b>	<b>4</b>	2# 2% KCL Flush
			<b>12</b>		2# mud flush
			<b>3</b>		At spacer
			<b>29</b>	<b>5.5</b>	Mix 150 stick + Slowobon's
					Shut down cut mud and wait 15 min
					Release Plug
<b>1320</b>	<b>150</b>			<b>6</b>	At Deep
	<b>300</b>		<b>54</b>		lit + PSI
<b>1345</b>	<b>500</b>		<b>70</b>	<b>4.5</b>	Slow Rate
	<b>1800</b>		<b>81 1/2</b>	<b>4</b>	Plug down
			<b>6</b>		plug R.H
			<b>4</b>		plug R.H
					SOB complete
					Thank you