

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32325  
Name: POPP OPERATING, INC.  
Address: PO BOX 187  
City/State/Zip: HOISINGTON, KS 67544  
Purchaser: SEMCRUDE, LLC.  
Operator Contact Person: RICKEY POPP  
Phone: (620) 786-5514  
Contractor: Name: DISCOVERY DRILLING CO., INC.  
License: 31548  
Wellsite Geologist: BOB STOLZLE

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, 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./SWD  
 Plug Back  Plug Back Total Depth  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_

<u>7/27/06</u>	<u>8/01/06</u>	<u>9/27/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 167-23,374-0000

County: RUSSELL

<sup>150'S</sup> SW NE SW Sec. 32 Twp. 15 S. R. 13  East  West

1500 feet from  S / N (circle one) Line of Section

1650 feet from E /  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW  SW

Lease Name: MICHAELIS Well #: 1

Field Name: TRAPP

Producing Formation: ARBUCKLE

Elevation: Ground: 1890' Kelly Bushing: 1898'

Total Depth: 3400' Plug Back Total Depth: 3354'

Amount of Surface Pipe Set and Cemented at 876 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 API NH 6-23-08  
(Data must be collected from the Reserve Pit)

Chloride content 16,000 ppm Fluid volume 300 bbls

Dewatering method used EVAPORATION

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

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

Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_

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

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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.

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: 2/01/07

Subscribed and sworn to before me this 2nd day of February, 2007.

Notary Public: Jane M. Steiner

Date Commission Expires: 5/20/07

NOTARY PUBLIC - State of Kansas  
JANE M. STEINERT  
My Appt. Exp. 5/20/07

**KCC Office Use ONLY**

N Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**RECEIVED**  
**FEB 05 2007**

KCC WICHITA

Operator Name: **POPP OPERATING, INC.** Lease Name: **MICHAELIS** Well #: **1**  
 Sec. **32** 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 copy of all Electric Wireline 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 <i>(Submit Copy)</i>  List All E. Logs Run:  <b>COMPENSATED DENSITY NEUTRON, MICRO,                  DUAL INDUCTION &amp; CEMENT BOND LOGS</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>TARKIO</td> <td>2560'</td> <td>-662'</td> </tr> <tr> <td>TOPEKA</td> <td>2773'</td> <td>-875'</td> </tr> <tr> <td>PLATTSMOUTH</td> <td>2922'</td> <td>-1024'</td> </tr> <tr> <td>LANSING GP</td> <td>3075'</td> <td>-1177'</td> </tr> <tr> <td>LANSING "C"</td> <td>3102'</td> <td>-1204'</td> </tr> <tr> <td>ARBUCKLE</td> <td>3325'</td> <td>-1427'</td> </tr> </table>	Name	Top	Datum	TARKIO	2560'	-662'	TOPEKA	2773'	-875'	PLATTSMOUTH	2922'	-1024'	LANSING GP	3075'	-1177'	LANSING "C"	3102'	-1204'	ARBUCKLE	3325'	-1427'
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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	12-1/2"	8-5/8"	23	876'	60/40POZ&COMMON	350	2%GEL&3%CC
PRODUCTION	7-7/8"	5-1/2"	15.5	3399'	ECONOBOND	125	

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	3327-28	500 GAL 7 1/2%,	
4	3328-29	2500 GAL 7 1/2%	
4	3334-40	4000 GAL 15%	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-7/8"	3340'	A/C 3290'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 10-21-06			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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	5	-----	150	5%	37

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval  Other (Specify) \_\_\_\_\_

# QUALITY OILWELL CEMENTING, INC.

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

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

No. 1059

Date	7-28-06	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
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Lease	Michaelis	Well No.	1	Location	Broomhower Rd 3E 3/4 S	Russell	County	State
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Contractor	Discovery Drilg Rig 2	Owner	VUE
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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.	
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Hole Size	12 1/4	T.D.	877	Charge To	Dopp Operating Inc
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Csg.	8 3/8	Depth	875	Street	
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Tbg. Size		Depth		City	State
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Drill Pipe		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
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Tool		Depth			
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Cement Left in Csg.	1520'	Shoe Joint			
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Press Max.		Minimum			
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Meas Line		Displace	23 E 55 ABL	Amount Ordered	200 COM 3% CC 2% gel
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Perf.				Consisting of	
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EQUIPMENT					
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Pumptrk	1	No.	Cementer	Dave	
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Bulktrk	2	No.	Driver	Keith	
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Bulktrk	3	No.	Driver	Dan	
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JOB SERVICES & REMARKS					
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Pumptrk Charge					
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Mileage					
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Footage					
---------	--	--	--	--	--

Total					
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Remarks:				Sales Tax	
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Ran 150 <sup>60</sup> 40 tailed up					
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200 com					
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Cement Pir					
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Thanks					
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Signature					
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Signature					
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CEMENT 150<sup>60</sup> 3% CC  
2% gel 1/13 flowred  
DOW CK

RECEIVED  
FEB 03 2007  
Total Charge  
KCC WICHITA

Customer: Popp Operating, Incorporated		Lease No.:	Date: 8-1-06	
Lease: Michaelis		Well #:		
Field Order #:	Station: Pratt	Casing: 5 1/2" 15.5 Lb.	Depth: 3399'	County: Russell
Type Job: Long String - New Well	Formation:	Legal Description: 32-155-13W		State: KS.

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME			
Casing Size: 5 1/2" 15.5 Lb./Ft.	Tubing Size:	Shots/Ft:		cement		RATE:	PRESS:	ISIP:	
Depth: 3399'	Depth:	From:	To:	125 sacks Econobond with 48 Gal. 28 C.C., 38		Max:	25%	5 Min.	38 F.L.A.-322,
Volume: 80.9 Bbl.	Volume:	From:	To:	5 Lb./sk. Gilsomite		Min:		10 Min.	
Max Press: 1300 P.S.I.	Max Press:	From:	To:	13.8 Lb./Gal.		Avg:	8.0 Gal./sk.	15 Min.	
Well Connection: Plug Cont.	Annulus Vol.:	From:	To:	29 sacks 60/40		BHP Used:	to plug rat & mouse holes		
Plug Depth: 3356	Packer Depth:	From:	To:	Flush 79.88 Bbl. 28 KCL		Gas Volume:	Total Load		

Customer Representative: Rick Popp	Station Manager: David Scott	Treater: Clarence R. Messick
Service Units: 119	226	302
Driver Names: P. Messick	Anthony	McCastry
571		

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:00					Truck on location and hold safety meeting
4:15					Discovery Drilling start to run Auto-Fill
					Float shoe, Shoe jt. with latch down baffle
					screwed into collar and 81 jts. new 15.5 Lb./ft.
					5 1/2" casing. Ran turbolizer on collars #1, 2, & 3.
6:30					Casing in well. Rotate and circulate for 50 minutes
7:27	300			6	Start 28 KCL Pre-Flush
	200		20	6	Start Mud Flush
	100		32	6	Start Fresh H <sub>2</sub> O Pre-Flush
			39		Stop pumping. Shut in well.
7:40			4-3	2	Plug rat and mouse holes. Open well.
7:49	300			5	Start mixing 125 sacks Econobond cement.
			33		Stop pumping. Shut in well. Wash pump & lines.
					Release plug. Open well.
8:00	100			6.5	Start 28 KCL Flush
8:10	500		80		Plug down.
	1,500				Pressure up.
					Release pressure. Insert new
					Wash up pump truck
8:45					Job Complete
					Thanks
					Clarence R. Messick & crew

**RECEIVED**  
**FEB 05 2007**  
**KCC WICHITA**