

ORIGINAL

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1
September 1999
Form Must Be Typed

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

API No. 15 - 053-21,151-00-00
County: ELLSWORTH
100 W SE NE SE Sec. 27 Twp. 17 S. R. 9 East West
1650 feet from S N (circle one) Line of Section
430 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: MOLLHAGEN Well #: 7
Field Name: LORRIANE
Producing Formation: ARBUCKLE
Elevation: Ground: 1752' Kelly Bushing: 1760'
Total Depth: 3250' Plug Back Total Depth: 3203'
Amount of Surface Pipe Set and Cemented at 508.33 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to plug rathole/mousehole w/ 15/10 sx cmt.
Alt I - Dig - 10/15/08

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 14,000 ppm Fluid volume 300 bbls
Dewatering method used EVAPORATE
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No. **RECEIVED**
Quarter _____ Sec. _____ Twp. _____ S. **JAN 25 2008** West
County: _____ Docket No.: _____

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW 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>8-26-05</u>	<u>8-30-05</u>	<u>9-16-05</u>
Spud Date or	Date Reached TD	Completion Date or
Recompletion Date		Recompletion Date

KCC WICHITA

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: 1-22-06
Subscribed and sworn to before me this 22nd day of January,
2006.
Notary Public: Jane M. Steinert
Date Commission Expires: 9/20/07

NOTARY PUBLIC - State of Kansas
JANE M. STEINERT
My Appt. Exp. 9/20/07

KCC Office Use ONLY

NO Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

✓

X

Operator Name: POPP OPERATING, INC. Lease Name: MOLLHAGEN Well #: 7
 Sec. 27 Twp. 17 S. R. 9 East West County: ELLSWORTH

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: COMPENSATED DENSITY/NEUTRON, DUAL INDUCTION, MICRO, CEMENT BOND LOGS	<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>ANHYDRITE</td> <td>425'</td> <td>+1337'</td> </tr> <tr> <td>HOWARD LS</td> <td>2379'</td> <td>-619'</td> </tr> <tr> <td>TOPEKA FM</td> <td>2435'</td> <td>-675'</td> </tr> <tr> <td>HEEBNER SH</td> <td>2700'</td> <td>-925'</td> </tr> <tr> <td>DOUGLAS SH</td> <td>2734'</td> <td>-974'</td> </tr> <tr> <td>LANSING GP</td> <td>2847'</td> <td>-1087'</td> </tr> <tr> <td>BASE KC GP</td> <td>3121'</td> <td>-1361'</td> </tr> <tr> <td>ARBUCKLE FM</td> <td>3149'</td> <td>-1389'</td> </tr> </table>	Name	Top	Datum	ANHYDRITE	425'	+1337'	HOWARD LS	2379'	-619'	TOPEKA FM	2435'	-675'	HEEBNER SH	2700'	-925'	DOUGLAS SH	2734'	-974'	LANSING GP	2847'	-1087'	BASE KC GP	3121'	-1361'	ARBUCKLE FM	3149'	-1389'
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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 CSG	12-1/4"	8-5/8"	23	508.33'	A-SERVLITE	250	2% GEL/3%CC/1/4#CF
PRODUCTION CSG	7-7/8"	5-1/2"	14/15.5	3247'	ECONOBOND	100	4%GEL/2%CC/5#SX GIL

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	3153.5'- 54.5'	250 GAL 7-1/2% MCA, 350 GAL 7-1/2% BIO-2	
		750 GAL 7-1/2% NE/DFE/CS, 1500 GAL 7-1/2% NE/DFE/CS	
4	3160'-61'	250 GAL 7-1/2% MCA, 350 GAL 7-1/2% NE/DFE/CS	
		864 BBL POLYMER	3153.5'-54.5' 3160'-61'

TUBING RECORD		Size 2-7/8"	Set At 3196.24'	Packer At A-C 2513.04'	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 9-20-05		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. 5 bbl / 12 bbl	Gas Mcf	Water Bbls. 600 bbl / 113 bbl	Gas-Oil Ratio .8% / 10%	Gravity 42

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Submit ACO-18.) Other (Specify) _____



INVOICE NO.
Date: 8/27/05
Customer ID

Subject to Correction
Lease: MOLLHAGEN
County: ELLSWORTH

FIELD ORDER 10730 ✓
Well #: 7
Legal: 27-175-9W
State: KS
Station: PRATT

CHARGE: Popp OPERATING Inc.
Depth: 23 1/2 FT
Formation: [blank]
Shoe Joint: 15' CUSTOMER BE
Casing: 8 5/8
Casing Depth: 508'
TD: 512'
Job Type: 8 5/8 SURFACE NEW WELL
Customer Representative: Tom
Treater: T SEBA

AFE Number
PO Number

Materials Received by: X [Signature]

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-203	100 SK	60/40 PO2	-			
D-205	150 SK	A-SERV. LITE	-			
C-310	65 lbs	Calcium Chloride	-			
C-194	59 lbs	CEUFLAKE	-			
F-163	1 EA	WOODEN Plug 8 5/8	-			
E-100	80 MT	HEAVY Veh MT				
E-101	80 MT	PU MT				
E-104	860 TM	Bulk DELIVERY				
E-107	250 SK	CMT SERV. CHARGE				
R-201	1 EA	CSG Pump CHARGE				
R-701	1 EA	CMT HEAD RENTAL				
DISCOUNTED PRICE =				5,169.52		
+ TAXES						

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TREATMENT REPORT



Customer ID		Date	
Customer POPP OPER INC		8/27/05	
Lease MOLLHAGEN		Lease No.	Well # 7
Field Order # 15730	Station PRATT	Casing 8 5/8	Depth 508'
Type Job 8 5/8 SURFACE NEW WELL		County ELLSWORTH	State KS
		Formation TD=512	Legal Description 27-175-9W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft	LEAD	Abld 150 SKI A-SERV	1/STC	RATE	PRESS
Depth	Depth	From	To	Pre End 3 3/8 CC 1/4" C.F.	Max		ISIP
Volume	Volume	From	To	Pad 12.5#/GAL 2.02	Mix		5 Min.
Max Press	Max Press	From	To TAIL	Frac 60/40 POZ	Avg		10 Min.
Well Connection	Annulus Vol.	From	To	2 1/2 GEL 3 3/8 CC 1/4"	Gas		15 Min.
Plug Depth	Packer Depth	From	To	Flush 14.7#/GAL 1.25	Gas Volume		Annulus Pressure
							Total Load

Customer Representative **TOM** Station Manager **D. SCOTT** Treator **T. SEBA**

Service Units	123	330	457	347	571
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P. Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:25					Called out
11:00					ON LOC W/ TRK'S SAFETY MTG
					Run 17 JTS 8 5/8 23" CSG SET @ 508'
11:45					START CSG
1:10					CSG ON BOTTOM
1:15					Hook up to CSG ! BREAK CIRC W/ REG
1:30	100		10	4 1/2	START PUMPING H2O
			53.96		START MIX: Pump 150 SKI A-SERV 1/STC
					3 3/8 CC 1/4" C.F. & 12.5#/GAL
			22.26		START MIX: Pump 100 SKI 60/40 POZ
					2 1/2 GEL 3 3/8 CC 1/4" C.F. & 14.7#/GAL
1:50					SHUT DOWN RELEASE PLUG
1:52	100			4	START DISO
			31 1/2		PLUG DOWN
2:00	200				CLOSE VALVE ON CSG.
					GOOD CIRC THRU JOB
					CIRC CNT TO PIT
					30 SKI
					RECEIVED
					JAN 25 2006
					KCC WICHITA
					JOB COMPLETE
					THANKS
					TOM



INVOICE NO.
Date 8-30-05
Customer ID

Subject to Correction

FIELD ORDER 10791

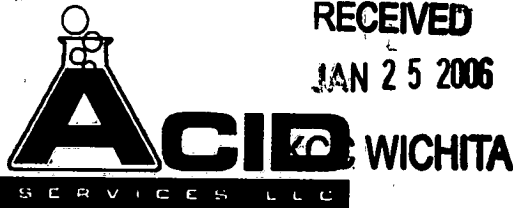
Lease Mollhagen Well # 7 Legal 27-175-9W
County Ellsworth State KS Station Pratt

CHARGE Popp Operating Depth Formation Shoe Joint 42.68'
Casing 5614 #415.5# Casing Depth 3245' TD 3247' Job Type Cement Long String New
Customer Representative Rick Popp Treater Clarence R. Messick Well

AFE Number PO Number Materials Received by X mill

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D 207	100 st.	Econokond				
D 203	25 st.	60/40 Poz				
C 195	26 lb.	FLA-322				
C 243	22 lb.	Defoamer				
C 244	22 lb.	Cement Friction Reducer				
C 141	2 gal.	CC-1				
C 302	500 gal.	Mud Flush				
F 101	4 ea.	Turbolizer, 5 1/2"				
F 171	1 ea.	I.R. Latch Down Plug & Baffle, 5 1/2"				
F 211	1 ea.	Auto Fill Float Shoe, 5 1/2"				
E 100	80 mi.	Heavy Vehicle Mileage, 1-way				
E 101	80 mi.	Pickup Mileage, 1-way				
E 104	428 tm.	Bullt Delivery				
E 107	125 st.	Cement Service Charge				
R 207	1 ea.	Casing Cement Pumper, 3,001'-3,500'				
R 701	1 ea.	Cement Head Rental				
R 702	1 ea.	Casing Swivel Rental				
		Discounted Price =		\$ 5,337.34		
		Plus taxes				

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JAN 25 2006

TREATMENT REPORT

Customer ID		Date	
Customer Popp Operating		8-30-05	
Lease Mollhagen		Lease No.	Well # 7
Field Order # 10791	Station Pratt	Casing # 5-11415#	Depth 3245'
Type Job Cement-Leng String - New Well		County Ellsworth	State KS
Formation		Legal Description 27-175-9W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft		cement		RATE	PRESS	ISIP
Depth 3245'	Depth	From	To	100 sacks Econobond with 4% Reducer, .25% Defoamer, 3% 13.8#/Gal, 6.79 Gal/stk, 1.510 V.Ft./stk.		Max	280	5 Min.
Volume 76.8 bbl.	Volume	From	To	25 sacks 60/40 Poz		Min	322	10 Min.
Max Press 1000 P.S.I.	Max Press	From	To	76 bbl. Fresh H ₂ O		Avg	110	15 Min.
Well Connection Plug Cont.	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth 202.32'	Packer Depth	From	To			Gas Volume		Total Load

Customer Representative Rick Popp	Station Manager Dave Scott	Treater Clarence R. Messick
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Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:00					Trucks on location and hold safety meeting
8:15					Discovery Drilling start to run Auto-Fill guideshoe, shoe joint with latch down buffer screwed into collar and 53, 15.14 #/ft casing, Run tool w/izers, 15.14 #/ft casing in well. Rotate anticlockwise for 20 minutes
10:40					
11:30	300			6	Start 2% HCL Pre-Flush
			20	6	Start Fresh H ₂ O Spacer
			25	6	Start Mud Flush Pre-Flush
			37	6	Start 8 Fresh H ₂ O Spacer
			42		Shut in well Plug rat in hole
11:45			4	5	Open well. Start tum, x 100 sacks cement
			27		Stop pumping. Shut in well Wash pump & line. Release latch down plug
12:00				7	Start Fresh H ₂ O Displacement
12:10			76		Plug down
	1000				Pressure up
					Release pressure. Insert held
					Wash up pump truck
1:00					Job Complete
					Thanks