

Operator Name: POPP OPERATING, INC. Lease Name: Panning Well #: 10
 Sec. 11 Twp. 20 S. R. 11W East West County: Barton

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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

Compensated Density/NeutronLog
 Dual Induction Log
 Micro Log

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Tarkio	2385	-623
Topeka	2618	-856
Heebner	2874	-1112
Lansing	3024	-1262
B LK	3254	-1492
Abb	3273	-1511

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	# Sacs Used	Type and Percent Additives
Surface Pipe	12 1/4	8 5/8	28	495.21	A-Con/60/40	250	3%CC&1/4#CF/sk
Production St.	7 7/8	5 1/2	14	3377	50/50Poz	125	4%Gel&2%CC

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 <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input 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

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval

WILLOWOOD - 3E-25 - W SWTD



INVOICE NO.	Subject to Correction			FIELD ORDER	8214
Date	3-15-04	Lease	PANNDING	Well #	10
Customer ID		County	BARTON	State	Ks.
		Depth		Formation	
		Casing	5 1/2	Casing Depth	3377
				TD	3380
		Customer Representative	ROCK	Treater	H. COOPER
				Shoe Joint	35"
				Job Type	LOWESTRENGTH NW

CHARGE

POPP OPER.

AFE Number	PO Number	Materials Received by	X	<i>Ruby Lynn</i>
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D207	125 SL	ECONOBOND CEMENT		✓		
D203	25 SL	62/40 P02 CEMENT		✓		
C195	86 lb.	FLA-322		✓		
C244	27 lb.	CFR		✓		
C141	5 gal.	CC-1		✓		
C302	500 gal.	MUD FLUSH		✓		
F101	2 EA.	5 1/2 TURBOLOSER		✓		
F143	1 EA.	5 1/2 TOP RUBBER RING		✓		
F231	1 EA.	5 1/2 INSERT FLORA		✓		
E100	55 mile	HEAD VEH. MILEAGE				
E101	55 mile	PICKUP MILEAGE				
E104	355 TM	BULK DELIVERY				
E107	150 SL	CEMENT SERV. CHARGE				
R207	1 EA.	CASING PUMP CHARGE				
R701	1 EA.	CEMENT HEAD				
R72	1 EA.	CASING SUBVER				
				RECEIVED		
				JUL 21 2004		
				KCC WICHITA		
				DISC PRICE =		4552.92

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TREATMENT REPORT

Customer ID		Date	
Customer <i>POPP OPER.</i>		<i>3-15-04</i>	
Lease <i>PLANNING</i>		Lease No.	Well # <i>10</i>
Field Order # <i>8214</i>	Station <i>PRATT KS</i>	Casing <i>5 1/2</i>	Depth <i>3377</i>
Type Job <i>LOW STRONG - NW</i>		County <i>BARTON</i>	State <i>KS</i>
Formation <i>TD-3380</i>		Legal Description <i>26-26-11</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>5 1/2</i>	Tubing Size	Shots/Ft		Acid <i>125 SK 5% / 50 PPT</i>	RATE	PRESS	ISIP	
Depth <i>3377</i>	Depth	From	To	Gas Pad <i>48 GEL, 28 CC</i>	Max		5 Min.	
Volume	Volume	From	To	Bad <i>5# CEMENT, 5# CARBONATE</i>	Min		10 Min.	
Max Press	Max Press	From	To	Frac <i>8/10% PUA-322</i>	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HFP Used		Annulus Pressure	
Plug Depth <i>3340</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative <i>RECH</i>	Station Manager <i>ANDREW</i>	Treater <i>GORDUEY</i>
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Service Units	<i>107</i>	<i>26</i>	<i>47</i>	<i>70</i>
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2030</i>					<i>ON LOCATION</i>
<i>2145</i>					<i>RUN 3377' 5 1/2" CASING</i>
					<i>RECEIVED</i>
					<i>JUL 21 2004</i>
					<i>KCC WICHITA</i>
					<i>WELD ON GUARD STABE, INSERT FRONT CEMENT - 1-2</i>
					<i>TRAC BOTTOM - DROP BTL - BROKED IN ROTATE CASING</i>
<i>2345</i>	<i>200</i>		<i>20</i>	<i>6</i>	<i>PUMP 20 bbl CC-1 H2O</i>
	<i>300</i>		<i>12</i>	<i>6</i>	<i>PUMP 12 bbl MUD FLUSH</i>
	<i>300</i>		<i>3</i>	<i>6</i>	<i>PUMP 3 bbl H2O</i>
	<i>200</i>		<i>33</i>	<i>6</i>	<i>MIX 125 SK. ECONOBOND CEMENT</i>
					<i>STOP - WASH LINE - REVERSE PUMP</i>
	<i>0</i>		<i>0</i>	<i>7</i>	<i>START DISP. w/ CC-1 H2O</i>
	<i>300</i>		<i>65</i>	<i>7</i>	<i>LEFT CEMENT</i>
	<i>700</i>		<i>74</i>	<i>5</i>	<i>SLOW RATE</i>
	<i>1100</i>		<i>78</i>	<i>5</i>	<i>PULL DOWN</i>
<i>0030</i>	<i>1100</i>		<i>81 1/2</i>		<i>RELEASE - HOLD</i>
					<i>PULL RT. & MT.</i>
<i>0130</i>					<i>JOB COMPLETE</i>
					<i>THANKS</i>



INVOICE NO.

FIELD ORDER 7923

Subject to Correction

CHARGE

Date	3-11-04	Lease	PANNING	Well #	10	Legal	11-205-11W
Customer ID		County	BARTON	State	Ks	Station	PRATT
POPP OPERATING		Depth	23'	Formation		Shoe Joint	15' CUSTOMER REG
Casing	8 5/8	Casing Depth	495	TD	496	Job Type	8 5/8 SURFACE WELL
Customer Representative				Treater			
Tom Alm				T-SC38			

AFE Number	PO Number	Materials Received by	X Thomas AL
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-203	100 SKS	60/40 P02	✓			
D-201	150 SKS	A-CON	✓			
C-310	669 lbs	CALCIUM CHLORIDE	✓			
C-194	56 lbs	CELLULOSE	✓			
F-163	1 EA	WOODEN PLUG 8 5/8	✓			
RECEIVED						
JUL 21 2004						
KCC WICHITA						
E-107	250 SKS	CMT SERV. CHARGE				
E-101	55 mt	PU MT				
E-100	55 mt	UNITS / WAY	MILES	55		
E-104	61.3 JM	TONS	MILES			
R-201	1 EA	EA. 495'	PUMP CHARGE			
DISCOUNTED PRICE =				3,870.71		
+ TAXES						

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TREATMENT REPORT

Customer ID		Date	
Customer POPP OPER.		3-11-04	
Lease PANNING		Lease No.	Well # 10
Field Order # 7923	Station PRATT	Casing 8 5/8	Depth 495'
		County BARBON	State KS
Type Job 8 5/8 Suction NEW WELL	Formation TD=496	Legal Description 11-205-11W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft	LEAD	Acid	150 SKS A-CON	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad	3 3/4 CC 1/4" C.P.	Max		5 Min.
Volume	Volume	From	To	Pad	11.8 gal 2.71 ft³	Min		10 Min.
Max Press	Max Press	From	To TRAIL	Frac	100 SKS 60/40 POC	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		3 3/4 CC 1/4" C.P.	HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	14.5 gal 1.25 ft³	Gas Volume		Total Load

Customer Representative Tom Alm	Station Manager D. ANTEY	Treater T. SEBIA
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Service Units	114	46	57	44	75				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
5:00					CALLED out
6:45					ON LOC w/ TEL'S : SAFETY MTG
					RUN 13 JTS 8 5/8 23" W/ 500 CSG
7:15					START CSG
					CSG ON BOTTOM
7:20					Hook up TO CSG : BREAK CIRC W/ REG.
8:31	100		10	5	START PUMPING
			72.40		START MIX : Pump 150 SKS & 11.8 gal
			22.26		START MIX : Pump 100 SKS & 14.5 gal
8:50					SHUTDOWN
					RELEASE PLUG
8:52	100			5	START OTSP
			30.7	2	PLUG DOWN
9:00	150				CLOSE VALVE ON CSG
					RECEIVED
					JUL 21 2004
					KCC WICHITA
9:30					JL3 complete
					THANKS
					TOM