

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 32325
Name: POPP OPERATING, INC.
Address: P.O. Box 187
City/State/Zip: Hoisington, KS 67544-0187
Purchaser: _____
Operator Contact Person: Rickey Popp
Phone: (620) 786-5514
Contractor: Name: Discovery Drilling Co., Inc.
License: 31548
Wellsite Geologist: Bob Stolze
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. _____
4/14/03 4/18/03 4/19/03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

RECEIVED
8-1-03
AUG 01 2003
KCC WICHITA

API No. 15 - 009-24,748-00-00
County: Barton
150' N & 160' E of SW - SE - SE Sec. 11 Twp. 20 S. R. 11W East West
4800 feet from N (circle one) Line of Section
830 feet from E (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Panning Well #: 7
Field Name: Chase-Silica
Producing Formation: Arbuckle
Elevation: Ground: 1751 Kelly Bushing: 1759
Total Depth: 3360 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 485 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 See 1st 8.7.03
(Data must be collected from the Reserve Pit)
Chloride content 13,000 ppm Fluid volume 80 bbls
Dewatering method used Hauled free fluid
Location of fluid disposal if hauled offsite:
Operator Name: Popp Operating, Inc.
Lease Name: Panning #1 SWD License No.: 32325
Quarter S/2 Sec. 11 Twp. 20 S. R. 11 East West
County: Barton Docket No.: D-27,948

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: 7-30-03
Subscribed and sworn to before me this 30th day of July
2003
Notary Public: Jane M. Steiert
Date Commission Expires: 5/20/07

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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

Operator Name: POPP OPERATING, Inc. Lease Name: PANNING Well #: 7

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

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No

List All E. Logs Run: Dual Induction, Density/Neutron, Micro

Table with columns: Log, Formation (Top), Depth and Datum, Name, Top, Datum. Rows include Anhy, Howard, Heebner, Lansing, Base KC, Arb.

CASING RECORD New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Table with columns: 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. Rows include Surface Pipe and Production St.

ADDITIONAL CEMENTING / SQUEEZE RECORD

Table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

Table with columns: Shots Per Foot, PERFORATION RECORD - Bridge Plugs Set/Type, Acid, Fracture, Shot, Cement Squeeze Record, Depth.

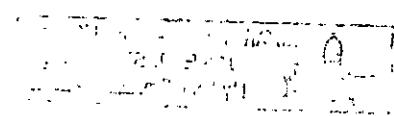
TUBING RECORD Size 2-7/8" Set At 3286' Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Enhr. 5-30-03 Producing Method Flowing Pumping Gas Lift Oilier (Exhaust)

Estimated Production Per 24 Hours Oil 15 Bbls. Gas Mcf Water 420 Bbls. Gas-Oil Ratio 4% Gravity 38

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled



ORIGINAL



SALES OFFICE:
100 S. Main
Suite #807
Wichita KS 67202
(316) 262-3699
(316) 262-5799 FAX

SALES & SERVICE OFFICE:
10244 NE Hiway 61
P.O. Box 8613
Pratt, KS 67124-8613
(316) 672-1201
(316) 672-5383 FAX

ACIDIZING - FRACTURING - CEMENTING

Invoice

Bill to:	7080000	Invoice	Invoice Date	Order	Order Date
POPP OPERATING P.O. Box 187 Hoisington, KS 67544		304094	4/22/03	6080	4/18/03
Service Description					
Cement					
Lease				Well	
Panning				7	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms
	R. Popp	D. Scott	New Well		Net 30

RECEIVED
AUG 01 2003
KCC WICHITA

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D207	ECONOBOND (COMMON)	SK	125	\$12.37	\$1,546.25 (T)
D203	60/40 POZ (COMMON)	SK	25	\$7.84	\$196.00 (T)
C195	FLA-322	LB	86	\$7.50	\$645.00 (T)
C141	CC-1, KCL SUBSTITUTE	GAL	2	\$40.00	\$80.00 (T)
C302	MUD FLUSH	GAL	500	\$0.75	\$375.00 (T)
F101	TURBOLIZER, 5 1/2"	EA	7	\$71.00	\$497.00 (T)
F191	GUIDE SHOE-REGULAR, 5 1/2"	EA	1	\$185.00	\$185.00 (T)
F231	FLAPPER TYPE INSERT FLOAT VALVES, 5 1/2"	EA	1	\$165.00	\$165.00 (T)
F143	TOP RUBBER CEMENT PLUG, 5 1/2"	EA	1	\$70.00	\$70.00 (T)
E107	CEMENT SERVICE CHARGE	SK	150	\$1.50	\$225.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	50	\$3.25	\$162.50
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	323	\$1.30	\$419.90
R207	CASING CEMENT PUMPER, 3001-3500' 1ST 4 HRS ON LOC	EA	1	\$1,596.00	\$1,596.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
R702	CASING SWIVEL RENTAL	EA	1	\$125.00	\$125.00

Sub Total: \$6,537.65

Discount: \$2,037.47

Discount Sub Total: \$4,500.18

Tax Rate: 6.30%

Taxes: \$163.02

(T) Taxable Item

Total: \$4,663.20

PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.



INVOICE NO.		Subject to Correction		FIELD ORDER		6080		
Date	4-18-03	Lease	Panning	Well #	7	Legal	11-20s-11w	
Customer ID		County	Barton	State	KS	Station	Pratt KS	
CHARGE	Popp Operating		Depth	Formation	TP=3358' 14 ppf	Shoe Joint	42.92	
	Casing	5 1/2	Casing Depth	3358	TP	3360	Job Type	Long Spring New Well
	Customer Representative			Rick Popp		Treater		D. Scott

AFE Number	PO Number	Materials Received by	X R. Popp By D. Scott
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D807	125 sk.	Econabond Common	✓			
D203	25 sk.	60/40 202 Common	✓			
C195	86 Lb.	FLA-322	✓			
C141	2 gal	CC-1	✓			
C302	500 gal.	Mud Flush	✓			
F101	7 ea	Centralizer 3 1/2	✓			
F191	1 ea	Guide Shoe "	✓			
F231	1 ea	ISFV 4/Fill "	✓			
F143	1 ea	Top Swiper Plug "	✓			
E107	120 sk.	Cmt Serv Chg				
E100	1 ea	UNITS 1 way MILES 50				
E104	323 tm	TONS 1 way MILES 50				
R207	1 ea	EA 3001-3500 PUMP CHARGE				
R701	1 ea	Cmt Head Rental				
R902	1 ea	Csg Swivel Rental				
Discounted Price = 4500.18						

TREATMENT REPORT



Customer ID	Date	
Customer	4-18-03	
Lease	Lease No.	Well #
Popp Oper		7
Panning	County	State
	Barton	KS

Field Order #	Station	Casing	Depth	County	State
0080	Pratt KS	5 1/2	3358	Barton	KS
Type Job	Formation		Legal Description		
Longstring New well			11-20s-1lw		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
3 1/2				125sk Econobond 18% FLA-322			
Depth	Depth	From	To	Pre Pad	Max		5 Min.
3316	PBTD			1.39 13.5ppg	2500		
Volume	Volume	From	To	Pad	Min		10 Min.
79.5				2.5ski 60/40 poz			
Max Press	Max Press	From	To	Frac	Avg		15 Min.
2500							
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
				39.5 Bbls 3L			
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load
				2% KCL mud flush			

Customer Representative	Station Manager	Treater
Rick Popp	Dave Autry	D. Scott
Service Units	106	27
	44	72

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2030					On Loc ^W /Trki Safety mtg 6.5 Bottom ISFV Top S.J. Cent 1-2-3-4-5-6-7 Log on Bottom Drop Ball Circ ^W /Rig
2356	200		20	6.2	St 2% KCL Flush
2401	200		10	6.2	H ₂ O Spacer
2403	200		12	6.2	mud Flush
2404	200		10	6.2	H ₂ O Spacer
2406	300		34.2	6.2	St mixing Cmt @ 13.5ppg 125ski
2415	0		10	0	Chose In a wash pump & line
2417	100			7	Release Top Swiper Plug St Disp ^W /H ₂ O
2425	300		58	6.2	Lifting Cmt 58 Bbls Disp out
2429	1500		79.5		Plug Down psi Test 2' sg
2431	0				Release psi float held Plug R, H ₂ M, H ₂ 2.5ski 60/40 poz Rotated Csg During Job Good Circ Thru Job
					Job complete Thank you Scotty

15.009.24748.0000

ORIGINAL COPY



SALES OFFICE:
 100 S. Main
 Suite #607
 Wichita KS 67202
 (316) 262-3699
 (316) 262-5799 FAX

SALES & SERVICE OFFICE:
 10244 NE Hiway 61
 P.O. Box 8613
 Pratt, KS 67124-8613
 (316) 672-1201
 (316) 672-5383 FAX

ACIDIZING - FRACTURING - CEMENTING

Invoice

Bill to:		7080000	Invoice	Invoice Date	Order	Order Date
POPP OPERATING P.O. Box 187 Hoisington, KS 67544			304075	4/17/03	6137	4/14/03
RECEIVED AUG 01 2003 KCC WICHITA		Service Description				
		Cement				
			Lease		Well	
			Panning		7	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms	
	R. Popp	K. Gordley	New Well		Net 30	

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D201	A-CON BLEND (COMMON)	SK	125	\$13.08	\$1,635.00 (T)
D203	60/40 POZ (COMMON)	SK	150	\$7.84	\$1,176.00 (T)
C310	CALCIUM CHLORIDE	LBS	741	\$0.75	\$555.75 (T)
C194	CELLFLAKE	LB	66	\$2.00	\$132.00 (T)
F163	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$85.00	\$85.00 (T)
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	560	\$1.30	\$728.00
E107	CEMENT SERVICE CHARGE	SK	332	\$1.50	\$498.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	50	\$3.25	\$162.50
R201	CASING CEMENT PUMPER, 301-500' 1ST 4 HRS ON LOC.	EA	1	\$704.00	\$704.00

Sub Total:	\$5,676.25
Discount:	\$1,880.37
Discount Sub Total:	\$3,795.88
Tax Rate: 6.30%	Taxes: \$150.98
(T) Taxable Item	Total: \$3,946.86

PLEASE REMIT TO Acid Services, LLC, Dept No 1131 , Tulsa, OK 74182

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INVOICE NO. 4-14-03		Subject to Correction		FIELD ORDER 6137	
Date	Lease	Well #	Legal		
Customer ID	County	State	Station		
POPP OPERATING		Depth	Formation	Shoe Joint	
Casing	Casing Depth	TD	Job Type		
Customer Representative	T. AUM		Treater		
		K. GORDLEY			

CHARGE

AFE Number _____ PO Number _____ Materials Received by **X ROCK POPP BY: KENSON GORDLEY**

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D201	125 SK	1A-CON CEMENT	✓			
D203	100 SK	60/40 POZ CEMENT	✓			
E310	612 lb.	CALCIUM CHLORIDE	✓			
E194	51 lb.	CELLULOSE	✓			
E163	1 EA.	8 5/8 WOOD PLUG	✓			
D203	50 SK	60/40 POZ CEMENT	✓		TOP OFF CEMENT	
E310	129 lb.	CALCIUM CHLORIDE	✓			
E194	15 lb.	CELLULOSE	✓			
E104	50 SK	CEMENT SERV. CHARGE				
E107	107 TON	BULK DELIVERY PER TON RATE				
E107	225 SK	CEMENT SERV. CHARGE				
E100	50 mile	UNITS	MILES			
E104	510 TONS	TONS	MILES			
D201	1 EA.	EA.	PUMP CHARGE			
PRICE =				3795.88		

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383 TOTAL

TREATMENT REPORT



Customer ID		Date	
Customer POPP OPER.		4-14-03	
Lease HANNING	Lease No.	Well # 7	
Field Order # 6137	Station PRATT	Casing 8 5/8	Depth 485
Type Job SURFACE - NW		Formation TD-485	County BIACTON State Ks.
		Legal Description 11-20-11	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth 485	Depth	From	To	Pre Pad	Max			5 Min.
Volume	Volume	From	To	Pad	Min			10 Min.
Max Press	Max Press	From	To	Frac	Avg			15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Pecker Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative **T. Ann** Station Manager **ANDY** Treater **K. GORDEY**

Service Units		107	27	32	76				
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log				
2100					ON LOCATION 4-14-03				
0030					RUN 487' 8 5/8 CASING				
					TAG BOTTOM - BREAK CORE				
					MIX CEMENT				
7/45	200		62	6	125 SK. A-COM 3% cc 1/4" cf.				
	200		22	6	100 SK. 60/40 PZ 3% cc 1/4" cf.				
			84		FRESH MIX CEMENT				
					STOP - RELEASE PLUG				
	0		0	6	START DISP				
4/15	200		30	2	PLUG DOWN				
					GOOD CORE. THRU OUT JOB				
					CORE. O.S. CEMENT TO HIT				
					TAG CEMENT AT 30'				
2300			11	1	PUMP 50 SK 60/40 PZ 3% cc 1/4" cf.				
					CORE CEMENT IN CELEBR				
					JOB COMPLETE				
0330					THANKS - KEVIN				