

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
 Purchaser: _____
 Operator Contact Person: Rick Popp
 Phone: (620) 786-5514
 Contractor: Name: Discovery Drilling Co.
 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>1/14/02</u>	<u>1/20/02</u>	<u>1/21/02</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 009-24,724-0000
 County: Barton
 280' N of _____ S/2 Sec. 11 Twp. 20 S. R. 11W East West
 KCC
 6 ps
 Footage
1500 / 1611 feet from (S) N (circle one) Line of Section
2640 / 2774 feet from (E) W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE (SE) NW SW
 Lease Name: Panning SWD Well #: 1
 Field Name: Chase-Silica
 Producing Formation: None
 Elevation: Ground: 1752 Kelly Bushing: 1760
 Total Depth: 3550 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 515 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 1343 Feet
 If Alternate II completion, cement circulated from 1343
 feet depth to Surface w/ 450 sx cmt.

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Drilling Fluid Management Plan *ACT DW 2-5-02*
 (Data must be collected from the Reserve Pit)
 Chloride content 22,000 ppm Fluid volume 320 bbls
 Dewatering method used Haul free fluid
 Location of fluid disposal if hauled offsite: _____
 Operator Name: Tengasco, Inc.
 Lease Name: Weiss #2 SWD License No.: 32278
 Quarter 11 Sec. 11 Twp. 19 S. R. 12 East West
 County: Barton Docket No.: D-26,542

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: Rick Popp
 Title: President Date: 1-31-02
 Subscribed and sworn to before me this 31st day of Jan 2002
 Notary Public: Jane M. Steinert
 Date Commission Expires: 5/20/03



KCC Office Use ONLY

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

Operator Name: POPP OPERATING, Inc. Lease Name: Panning S Well #: 1

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, lime 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: Gamma Ray Caliper Log

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Howard	2526'	-766
Heebner	2888'	-1128
Lansing Gp	3039'	-1279
Base KC Gp	3278'	-1518
Arbuckle	3299'	-1539

CASING RECORD New 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	13 1/2	10 3/4	40.5	515	Common	310	2%Gel&3%CC
Production St.	9 7/8	7	20	3382	E-Cono	185	
			DV Tool @	1343	A-Con	450	2%GelW/1/4#FC/s

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
OH	3382'-3550'	2000 Gal 38% MCA	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	4-1/2" seal-tite	3340'	3344'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	Producing Method			
wait on KCC approval	<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 **METHOD OF COMPLETION** Production Interval

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



TREATMENT REPORT

04104

Customer ID		Date	
Customer Popp Oper		1-21-02	
Lease Panning SWP		Lease No.	Well # 3
Field Order # 04160	Station Pratt KS	Casing 7	Depth 3322
Type Job 04160		Formation	County Barton
		State KS	
		Legal Description 77-20 ₃ -11w	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 7	Tubing Size	Shots/Ft Stage Tool 21330	Shots/Ft Stage 185	Acid 185 ski Econo bond	RATE	PRESS 2500	ISIP	
Depth 3338	Depth	From	To	3% FLA-322 .25 cell/flask	Max		5 Min.	
Volume 1348	Volume	From	To	Pad #3 13.8ppg 49.7 Bbls SK	Min		10 Min.	
Max Press 2000	Max Press	From	To	Frac 450 ski A-Con	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To	290cc .25 cell/flask	HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush 225 Bbls 12 Bbls	Gas Volume mud/water		Total Load	

Customer Representative Jim Alm Rick Popp	Station Manager Dave Autry	Treater D. Scott
Service Units 106 35 57 38 72 31 70		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2300					On loc w/Trkis Safety mtg
					PKR shoe on Bottom L.D. Be the Top S.T.
					Pen + 1-3-5-46-56 Be the 1-45-47
					D.V. 2 Top 46 #2 1343'
					Csg on Bottom set PKR shoe w/Rig 1000 #
0535	300		5	6	1st Stage H2O Spacer
0536	300		12	6	St mud flush
0539	300		5	6	H2O Spacer
0540	400		49.7	6	St mixing amt @ 13.8ppg 185 ski
0547	0		10	5	wash pump + line + load L.D. Plug
0551	100		84.5	6	St Disp w/H2O
0604	100		54.5	3	St mud Disp
0623	1500		138.0	0	Plug Down ops. Test Csg
0624	0				Release Hold
0638	800		4	1	Drop open Devices + open Tool w/mud
	250		225	7.3	St mixing amt @ 11.6ppg 450 ski 2nd Stage
					Chase In + wash pump + line
0725	1500		54.5	5	St Disp w/H2O + Land Plug
0727	0				psi Test Csg - Release Hold
					Circ 18 Bbls amt = 34 ski
					Good Circ Both Stages. Thank you

Plug R.H. + M.H.
w/ 25 ski 60/40 por



ORIGINAL 04157

FIELD ORDER

INVOICE NO.	Subject to Correction		
Date F-13-02	Lease Panning SWD	Well # #1	Legal 11-20s-11w
Customer ID	County Barton	State KS	Station Pratt KS
CHARGE Popp Oper Inc	Depth	Formation TP=515' 40.5ppf	Shoe Joint 13' Requested
	Casing 103/4	Casing Depth 312'	TD 518
	Customer Representative Rick Popp	Treater D. Scott	
AFE Number	PO Number	Materials Received by X Ricky Popp	

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D200	125 ski	Common Cmt	✓			
D201	185 ski	A-Com Cmt Common	✓			
C310	876 lb	Calcium Chloride	✓			
C195	73 lb	Cellflake	✓			
C321	236 lb	Cmt Gel	✓			
F144	1cg	Wood Plug 103/4	✓			
E107	310 ski	Cmt Serv Chg				
E100	1cg	UNITS 1way MILES 33				
E104	803 tm	TONS 1way MILES 55				
R201	1cg	EA. 301-500 PUMP CHARGE				
Discounted Price = 4870.64						

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FIELD ORDER

04160

INVOICE NO.	Subject to Correction		
Date 1-21-02	Lease Panning SWP	Well #	Legal
Customer ID	County Barton	State KS	Station Pratt KS
C H A R G E	Depth	Formation Total pipe = 3382	Shoe Joint 44.
	Casing 7" 20ppf	Casing Depth 3382	TD 3550
	Customer Representative Rick Popp, Tom Alm	Treater D. Scott	Job Type Long String New Well

AFE Number	PO Number	Materials Received by X Tom Alm
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D207	185ski	Econo Bond Common	✓			
D203	23ski	60/40 poz Common	✓			
D201	450ski	A-Con Blend Common	✓			
C196	48 lb	FLA-322	✓			
C243	16 lb	Defoamer	✓			
C310	847 lb	Calcium Chloride	✓			
C195	106 lb	Cellflake	✓			
C302	500 gal	mud flush	✓			
F102	5 c9	Centralizers 7" "				
F112	3 c9	Cmt Baskets "				
F224	1 c9	Two Stage Cmt Collar "				
F232	1 c9	PKR Shoe "				
F152	1 EA	LATCH DOWN PLUG AND BAFFLE 7" ✓				
E107	660ski	Cmt Serv Chg				
E100	1c9	UNITS /way MILES 55				
E104	1660+M	TONS /way MILES 55				
R207	1c9	EA. 3001-3500 PUMP CHARGE				
R101	1c9	Cmt Head Rental				
Discounted Amount =				17,638.57		
Plus Tax						

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