

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: 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. _____
4/13/01 4/17/01 4/18/01
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 167-23,196-0000
County: Russell
70' N & 30' E of
S/2N/2SW Sec. 19 Twp. 15 S. R. 13W East West
1720 feet from (S) N (circle one) Line of Section
1350 feet from E (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Boomhower Well #: 10
Field Name: Trapp

Producing Formation: _____
Elevation: Ground: 1870 Kelly Bushing: 1878
Total Depth: 3400 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 869 Feet
Multiple Stage Cementing Collar Used? Yes No
If Yes, show depth set _____ Feet
If Alternative II completion, cement circulated from _____
feet depth to _____ w/ _____ ex cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 16,000 ppm Fluid volume 320 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.: _____

CONSERVATION DIVISION

JUN 5 2001

RECEIVED
KANSAS CORPORATION COMMISSION

Alt I KGR 1-9-08

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: 6-04-01
Subscribed and sworn to before me this 4 day of June, 2001.
19 _____
Notary Public: Cecelia A. Conrad
Date Commission Expires: 3-13-04

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
CECELIA A. CONRAD
My Appt. Exp. 3-13-04

Operator Name: POPP OPERATING, INC. Lease Name: Boomhower Well #: 10
 Sec. 19 Twp. 15 S. R. 13W 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 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:
 Density-Neutron, Dual Induction & CBL

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Anhydrite	857	+1021
Tarkio	2549	-671
Topeka	2756	-878
Lansing Gp	3052	-1174
Arb	3310	-1432

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	12 1/4	8 5/8	23	869	60/40Poz	325	2%Gel&3%CC
Production St.	7 7/8	5 1/2	14	3396	ASC	160	10%Salt2%CC 3%Gel

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				

PERFORATION RECORD - Bridge Plugs Set/Type
 Specify Footage of Each Interval Perforated

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3311-12'	natural	3311
4	3246-48'	750 gal 15% NE	3246
4	3080-82' & 3070-72'	2000 gal 15% NE w/ 200# plug	3070
4	2934-46' & 2906-08'	2000 Gal 15% NE w/ 300# plug	2906

TUBING RECORD Size 2-7/8" Set At 3323' Packer At none Liner Run Yes No

Date of First Resumed Production, SWD or Enhr. 5/09/01 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	<u>15</u>		<u>150</u>		<u>37</u>

Disposition of Gas METHOD OF COMPLETION Production Interval 2906'-3312'

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify)

(If vented, Submit ACO-18.)

POPP OPERATING, INC.
 Russell, Kansas

ORIGINAL ALLIED CEMENTING CO., INC.

6358

Federal Tax I.D.#

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

15-167-23196-0000 ^R

DATE 4-14-01	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION 2:15 am	JOB START 3:30 AM	JOB FINISH 4:45 AM
LEASE <u>Boonhowe</u> WELL # 10		LOCATION <u>Russell 10s 2E 12s</u>		COUNTY <u>Russell</u>		STATE <u>Ka</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>Ente</u>			

CONTRACTOR Dusimery Dalg
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 870
 CASING SIZE 8 5/8 DEPTH 870
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 10-15'
 PERFS.
 DISPLACEMENT 5 1/4 bbl

OWNER
 CEMENT
 AMOUNT ORDERED 325 4/40 37cc 29gel

EQUIPMENT
 PUMP TRUCK CEMENTER Mark
 # 345 HELPER Dave
 BULK TRUCK
 # 254 DRIVER Alden
 BULK TRUCK
 # DRIVER

COMMON	<u>195</u>	@	<u>6.35</u>	<u>1238.25</u>
POZMIX	<u>130</u>	@	<u>3.25</u>	<u>422.50</u>
GEL	<u>6</u>	@	<u>9.50</u>	<u>57.00</u>
CHLORIDE	<u>10</u>	@	<u>28.00</u>	<u>280.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>300</u>	@	<u>1.05</u>	<u>358.00</u>
MILEAGE	<u>44/SK</u>	@	<u>1.77</u>	<u>77.32</u>
TOTAL				<u>2533.12</u>

REMARKS:
(Cement Did Cure)

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>580.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>13</u>	@	<u>3.00</u>
PLUG	<u>8 5/8 Rubber</u>	@	<u>90.00</u>
		@	
		@	
TOTAL <u>709.00</u>			

CHARGE TO: Popp Operating
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TOTAL _____
 TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Thomas Alm

Thomas Alm
 PRINTED NAME

ORIGINAL

ALLIED CEMENTING CO., INC.

6362

Federal Tax I.D.#

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

R

DATE <u>4-18-01</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>8:00 AM</u>	JOB START	JOB FINISH <u>11:30 AM</u>
LEASE <u>Boonhows</u> WELL # <u>10</u>		LOCATION <u>Russell 10 S 2 E</u>		COUNTY <u>Russell</u>		STATE <u>Ka</u>	
OLD OR <u>(NEW)</u> (Circle one)				<u>1/25 Einto</u>			

CONTRACTOR <u>Discovery Dale</u>	OWNER
TYPE OF JOB <u>Production String</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>3400</u>
CASING SIZE <u>5 1/2</u>	DEPTH <u>3387</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>8 1 3/4 bbl</u>	

EQUIPMENT

PUMP TRUCK CEMENTER <u>Mark</u>	
# <u>345</u> HELPER <u>Bill</u>	
BULK TRUCK	
# DRIVER <u>Ken</u>	
BULK TRUCK	
# DRIVER	

CEMENT			
AMOUNT ORDERED	<u>185 ASC</u>		
	<u>500 gal WFR-2</u>		
COMMON	<u>185 ASC @ 8²⁰</u>	<u>1517⁰⁰</u>	
POZMIX	@		
GEL	@		
CHLORIDE	@		
WFR-2	<u>500 gals @ 1⁰⁰</u>	<u>500⁰⁰</u>	
	@		
	@		
	@		
	@		
HANDLING <u>185</u>	@ <u>1⁰⁵</u>	<u>194²⁵</u>	
MILEAGE <u>44 1/2</u> / mile		<u>100⁰⁰</u>	
			TOTAL <u>2311²⁵</u>

REMARKS:

Float Held
15 S E Ratchel
10 S E Mouchale

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>1080⁰⁰</u>
EXTRA FOOTAGE	@	
MILEAGE <u>12</u>	@ <u>3⁰⁰</u>	<u>36⁰⁰</u>
PLUG <u>5 1/2 Rubber</u>	@	<u>50⁰⁰</u>
	@	
	@	
TOTAL <u>1166⁰⁰</u>		

CHARGE TO: Popp Operating
STREET _____
CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

<u>5 1/2</u>		
Guide Shoe	@	<u>150⁰⁰</u>
DFU	@	<u>235⁰⁰</u>
7-CENT Turbo	@ <u>60⁰⁰</u>	<u>420⁰⁰</u>
	@	
	@	

TOTAL 805⁰⁰

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX	
TOTAL CHARGE	
DISCOUNT	IF PAID IN 30 DAYS

SIGNATURE _____

PRINTED NAME _____