

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: (316) 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. _____

1/4/01 1/9/01 1/10/01
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 167-23,190-0000
County: Russell
CN/2_N/2_SW Sec. 19 Twp. 15 S. R. 13w East West
2310 feet from (S) N (circle one) Line of Section
1320 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 #: 9
Field Name: Trapp
Producing Formation: Arbuckle
Elevation: Ground: 1863 Kelly Bushing: 1871
Total Depth: 3305 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 Alternate If completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

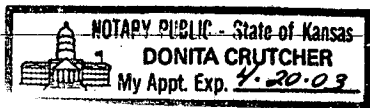
Drilling Fluid Management Plan *(Data must be collected from the Reserve Pit)* Alt I KJR 12/20/07
Chloride content 18,000 ppm Fluid volume 320 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

RECEIVED
STATE CORPORATION COMMISSION
MAY 19 2001

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: 3-15-01
Subscribed and sworn to before me this 16 day of March,
19 2001
Notary Public: Donita Crutcher
Date Commission Expires: 4-20-03



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: Boomhower, Well #: 9
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: Dual Ind/Neutron-Density
Prosity w/ GR, SP & Caliper

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Anhy	854	+1019
Tariko	2540	- 669
Topeka	2747	- 876
Lansing	3044	-1173
Arb	3303	-1432

CASING RECORD <input type="checkbox"/> New <input checked="" 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 Pipe	12 1/4	8 5/8	28	869	60/40Poz	325	2%Gel&3%CC
Production St.	7 7/8	5 1/2	14#&15.5#	3302	ASC	160	3%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
OH	3303-18'	100 gal 15% NEDFe	
4	3238-42	1000 gal 15% NE	
4	3120-24	1000 gal 15% NE	
4	3072-78 & 3062-64	1500 gal 15% NE w/ 200# plug	
4	2925-27 & 2896-98	1500 gal 15% NE	
4	2517-19	didnt treat	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8	3294		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr. 2-02-01
Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	35	330	330		37

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)

ALLIED CEMENTING CO., INC. ORIGINAL 5846

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

SERVICE POINT:

At Bend

DATE <u>1-5-01</u>	SEC. <u>19</u>	TWP. <u>15</u>	RANGE <u>13</u>	CALLED OUT <u>5:30 AM</u>	ON LOCATION <u>8:15 AM</u>	JOB START <u>11:15 AM</u>	JOB FINISH <u>12:00 PM</u>
Boonhower LEASE		WELL # <u>9</u>		LOCATION <u>Barton & Russell co hw on 281</u>		COUNTY <u>Russell</u>	STATE <u>Ks</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<u>2N, 1/2 E, 1/2 N, E/into</u>			

CONTRACTOR Discovery Data #2
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4" T.D. 870'
 CASING SIZE 8 5/8" (used 28" DEPTH 870'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 20'
 PERFS. _____
 DISPLACEMENT 53 bbls

OWNER Same
 CEMENT
 AMOUNT ORDERED 325 lbs 60/40 3% cc, 28 mel,

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>341</u>	@	<u>1.05</u>	<u>358.05</u>
MILEAGE	<u>10</u>			<u>136.40</u>

EQUIPMENT

PUMP TRUCK CEMENTER Tom D
 # 181 HELPER Bob B
 BULK TRUCK
 # 344 DRIVER Wayne W
 BULK TRUCK
 # _____ DRIVER _____

TOTAL \$ 2492.20

REMARKS:
Run 870' of 8 5/8" Broke circulation
Mixed 325 lbs 60/40 3% cc, 28 mel
Released plug. Displaced with fresh
H₂O.
Cement did circulate
Cement in cellar
Thanks

SERVICE

DEPTH OF JOB 870'
 PUMP TRUCK CHARGE 0-300' 470.00
 EXTRA FOOTAGE 570' @ .43 245.10
 MILEAGE 10 @ 3.00 30.00
 PLUG 1-8 5/8" Rubber @ 90.00 90.00
 _____ @ _____
 _____ @ _____

TOTAL \$ 835.10

CHARGE TO: Pay Operating
 STREET P.O. Box 187
 CITY Harrison STATE Ks ZIP 67544

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 \$ 3327.30
 DISCOUNT \$ 332.73 IF PAID IN 30 DAYS

SIGNATURE Thomas Alm

SIGNATURE Thomas Alm
 PRINTED NAME

Net \$ 2994.57

