

FORM MUST BE TYPED

Revised Perfs

SIDE ONE

**CONF**

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

API NO. 15- 055-21654-0001  
County Finney  
SW - NE - NE Sec. 9 Twp. 26S Rge. 34 X E W

Operator: License # 5293

1250 Feet from S/N (circle one) Line of Section

Name: Helmerich & Payne, Inc.

850 Feet from E/W (circle one) Line of Section

Address 1579 E. 21st Street

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

City/State/Zip Tulsa, OK 74114

Lease Name Bedford B Well # 2

Purchaser: NCRA

Field Name Reeve SE

Operator Contact Person: Sharon LaValley

Producing Formation St. Louis

Phone (918) 742-5531

Elevation: Ground 2958 KB 2968

Contractor: Name: Cheyenne Drilling

Total Depth 5300 PBTD 5210

License: 5283

Amount of Surface Pipe Set and Cemented at 1902 Feet

Wellsite Geologist: Brad Rine

Multiple Stage Cementing Collar Used? X Yes      No

Designate Type of Completion  
     New Well      Re-Entry X Workover

If yes, show depth set 3229 Feet

X Oil      SWD      SIOW      Temp. Abd.  
     Gas      ENHR      SIGW  
     Dry      Other (Core, WSW, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from       
feet depth to      w/      sx cmt.

If Workover:

Drilling Fluid Management Plan Re-work, 6-16-'00  
(Data must be collected from the Reserve Pit)

Operator: Helmerich & Payne, Inc.

Chloride content      ppm Fluid volume      bbls

Well Name: Bedford B #2

Dewatering method used     

Comp. Date 12-'99 Old Total Depth 5300

Location of fluid disposal if hauled offsite:     

     Deepening X Re-perf.      Conv. to Inj/SWD  
     Plug Back      PBTD  
     Commingled      Docket No.       
     Dual Completion      Docket No.       
     Other (SWD or Inj?)      Docket No.     

Operator Name     

Lease Name      License No.     

3-2-'00 Date      Date Reached TD      Pump Testing Completion Date     

     Quarter Sec.      Twp.      S Rng.      E/W

County      Docket No.     

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 on 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 Sharon LaValley

K.C.C. OFFICE USE ONLY  
F      Letter of Confidentiality Attached  
C      Wireline Log Received  
C      Geologist Report Received  
  
Distribution  
     KCC      SWD/Rep      NGPA  
     KGS      Plug      Other  
(Specify)

Title Engineer Tech Date 3-16-2000

Subscribed and sworn to before me this 16<sup>th</sup> day of March, 20 00.

Notary Public Jeri Lye

Date Commission Expires 6/13/2000

Operator **MOG** name **MOG**, Inc. Lease Name Bedford B Well # 2

Sec. 9 Twp. 26S Rge. 34  East  West  
 County Finney

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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: SP/DIL/CNL/CDL/MEL/BHCS/GR/CBL  
 Sent with original ACO-1

Log Formation (Top), Depth and Datums  Sample  
 Name Top Datum  
 See Attachment  
 Submitted with original ACO-1

CASING RECORD <input 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	# Sacks Used	Type and Percent Additives
Surface	12 1/4	8 5/8	23#	1902	35/65 Poz	685	6% D20 Bent + 2% S1 CaCl <sub>2</sub> + 1/4#sx D29 Flocele
					Class C	150	2% S1 CaCl <sub>2</sub> + 1/4#sx D29 Flocele
Production	7 7/8	5 1/2	15.5#	5294	50/50 Poz H (Lower)	250	2% D20 Bent + 1% D65 TIC + 10% D44 NaCl + 1/4# sx D20 celloflake + 0.2% D46 antifoamer
					50/50 Poz C (Upper)	250	2% D20 bent + 10% D44 NaCl + 1/4#sx D29 celloflake + 0.2% D46 antifoamer

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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 <input checked="" type="checkbox"/> Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
4	Mississippi 5010'-5124'			
	CIBP @ 4960'			
4	Morrow 4838'-4919'			

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 7/8	5140'			
Date of First, Resumed Production, SWD or Inj. 02/01/2000				Producing Method		
				<input checked="" type="checkbox"/> Flowing	<input checked="" 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
	20				2	

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

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled 4838'-4919' (O.A.)

Production Interval:  Other (Specify) \_\_\_\_\_