

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 5293
Name: Helmerich & Payne, Inc.
Address: 1579 E. 21st Street
City/State/Zip: Tulsa, OK 74114
Purchaser: _____
Operator Contact Person: Sharon LaValley
Phone: (918) 742-5531
Contractor: Name: Cheyenne Drilling
License: 5382
Wellsite Geologist: _____

API No. 15 - 175-21832-00-00
County: Seward
SE - SE - NE - NW Sec. 27 Twp. 32 S. R. 32 East West
4030 feet from S / N (circle one) Line of Section
2740 feet from E / W (circle one) Line of Section

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

Lease Name: Prater Well #: 1-2
Field Name: Hugoton

Producing Formation: Chase

Elevation: Ground: 2815' Kelly Bushing: 2820'

Total Depth: 2845' Plug Back Total Depth: 2785'

Amount of Surface Pipe Set and Cemented at 525 Feet

Multiple Stage Cementing Collar Used? Yes No

_____ Feet
If Alternate II completion, cement circulated from 2838

_____ feet depth to surface w/ 525 sx cmt.

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. _____

<u>03/24/01</u>	<u>03/25/01</u>	<u>04/26/01</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

RECEIVED
KANSAS CORPORATION COMMISSION
MAY 29 2001

CONSERVATION DIVISION

Drilling Fluid Management Plan Alt I KGR 1/7/08
(Data must be collected from the reserve pit)

Chloride content Est 1000 ppm Fluid volume 1000 bbls
Dewatering method used _____ Evaporation _____
Location of fluid disposal if hauled offsite: _____

Operator Name: NA
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
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 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 completed and correct to the best of my knowledge.

Signature: Sharon LaValley
Title: Engineer Tech Date: 5/25/01
Subscribed and sworn to before me this 25th day of May, 2001.

Notary Public: Lori Tye
Date Commission Expires: 6/13/04



KCC Office Use Only

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

Operator Name: Helmerich & Payne, Inc. Lease Name: Prater Well #: 1-2
 Sec. 27 Twp. 32 S. R. 32 East West County: Seward

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Takes	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run:			
Dual Space Induction			

CASING RECORD <input checked="" 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#	525'	Prem Plus C	120	2% CC + 1/4# Flocele
					50/50 Poz Prem Plus C	125	2% CC + 1/4# Flocele
Production	7 7/8"	5 1/2"	14#	2838'	Prem Plus Light	400	1/4# Flocele mixed
					50/50 Poz	125	10% Salt + 1/4# Flocele

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				

Shot Per Foot	PERFORATIONS RECORD – Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	2609-2620' Herrington	34700 gal 70Q N2 foam + 63000 lbs 16/30 white sand, flush w/2629 gal 70Q N2 linear foam	
4	2646-2660' Upper Krider		
TUBING RECORD		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. 04/26/01		Producing Method <input 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 0	Gas Mcf 284	Water Bbls 47
		Gas-Oil Ratio Gravity	

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled 2609-2660'
 Other (Specify) _____

Production Interval: _____

287
429

To Sharon 5-16-01
La Valley

ORIGINAL

**HELMERICH & PAYNE, INC.
Well Test Data Form**

Well Name <i>Proter 1-2</i>						Formation <i>Hugoton</i>					
Location			Purchaser								
Sec	Twp	Rge	<i>Oneok</i>						<i>9147.5</i>		
<i>27</i>	<i>32S</i>	<i>52W</i>									
Well On (Open)			Flow Date			Flow Test					
Mo	Day	Yr	Mo	Day	Yr	Orifice Size		Tap			
<i>5</i>	<i>7</i>	<i>01</i>	<i>5</i>	<i>10</i>	<i>01</i>	<i>1.25</i>		<input checked="" type="checkbox"/>			
Meter Run Size			Meter Spring Size			Meter Diff Range			Meter Pressure		
<i>3</i>			<i>100</i>			<i>100</i>			<i>41.8</i>		
Differential			Flowing Tbg/csg Pressure			Static Tbg/csg Pressure			Flowing String		
Rts.	%	In.							Tubing	Casing	
		<i>6.0</i>	<i>179</i>			<i>179.2</i>				<input checked="" type="checkbox"/>	
Rate of Flow MCF/D						Adjusted Deliverability MCF/D					
<i>148</i>						<i>4.24</i>					
Well Off (Shut-In)			Shut-In Test								
			Pressure Taken			Csg Press (psig)			Tbg Press (psig)		
Mo	Day	Yr	Mo	Day	Yr						
<i>5</i>	<i>11</i>	<i>01</i>	<i>5</i>	<i>14</i>	<i>01</i>	<i>2225</i>					
Slope			Bbls Water Produced								
			<i>20</i>								
Remarks											
Rest Time <u>3</u> days S.I. psi prior to flow <u>207</u>											

RECEIVED
KANSAS CORPORATION COMMISSION
Company Representative

MAY 29 2001

CONSERVATION DIVISION

Duplicate

STATE OF KANSAS CORPORATION COMMISSION

FIELD TEST

Annual New Well Rework Well Vacuum

Operator Code 385 Helmerich & Payne Inc. Operator Name

Purchaser Code 38 Oneok Pipeline Co. Purchaser Name

FIELD Lease Code

ORIGINAL

Hugoton 66322

Greenwood Prater Lease Name

Panoma Seward County

640 Acres Well Number 1-2 Sec. 27 Twp. 32 Range 32

TEST DATA

Well Opened Date 5-7-01 Test Completed Date 5-14-01

EGM month day year month day year

Type Meter Connection Flange Size Disc 3 X 1.250

06.00

Differential (h) (in water)

041.8

Meter Pressure P_m (psig)

09147.5

Coef. 24 CM_g

222.5

Shut In Well Head Pressure (psig)

Upstream Pinch 179.0

Working Well Head Pressure (psig)

N-Slope (Panoma Only)

Gravity (Panoma and Greenwood)

10-1-01
month day year

Effective Date

James Talbot
Representative for Operator

Dale Kellins
By Representative For Kansas Corp. Comm.

SALT WATER PRODUCTION & DISPOSAL DATA

AVERAGE DAILY WATER PRODUCTION (producing days only) 020.0 bbls.

SALT WATER DISPOSAL

Surface Lease Installation: (Earthen pit _____ Cement pit _____ Tank etc.)

Disposal Well _____ Location _____

TICKET # 1210038	TICKET DATE 3/25/01
BDA / STATE KS	COUNTY SEWARD
PSL DEPARTMENT ZI	ORIGINAL
CUSTOMER REP / PHONE Dave Pauley	
API / UWI #	

REGION North America	NWA / COUNTRY
MBL ID / EMP # KA0104/106781	EMPLOYEE NAME Gene Duntree
LOCATION Ka/Kaska	COMPANY HELMERICH + PAYNE
TICKET AMOUNT	WELL TYPE 02
WELL LOCATION	DEPARTMENT ZI
LEASE / WELL # Prater 1-2	SEC / TWP / RNG 21-328-32W

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
Gene Duntree 106781		Jasen Clemmans 198516		Earl Lewis 219890		Carlos Garza 194445	
						Raul - 224605	
HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420953 picky		54218-78202 C.MT 400		54225-66612 "66.0"		54029-75819 "66.0"	

Form Name _____ Type: _____
 Form Thickness _____ From: _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp: _____ Pressure _____
 Misc Data _____ Total Depth _____

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float WSP / Auto	1 ea	HAWCO
Float Shoe		
Guide Shoes Reg 5 1/2	1	HAWCO
Centralizers 5 1/2	11	HAWCO
Bottom Plug		
Top Plug 5 1/2 SWP	1	HAWCO
Head 5 1/2 PC + nipple	1	HAWCO
Packer		
Other 5 1/2 limit clay	1	HAWCO

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid Fresh water	Density 8.34	Lb/Gal
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	In
Perpac Balls	Qty	
Other 12 BBL mud fluid	(100 lbs MFL)	
Other 5 gal mud fluid	(5 gal mud fluid)	
Other Hawco weld A - 1 ea		

DATE TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
	3/25/01 NOON	3/25/01 1400	3/25/01 1500	3/25/01 1915

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing		15.5	5 1/2	0	2838	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						SHOTS/FT.
Open Hole						
Perforations						
Perforations						
Perforations						

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
3/25/01	4 hrs	3/25/01	4 hrs	Cement 5 1/2 longstring
TOTAL		TOTAL		Float held, got cement to spec

ORDERED	HYDRAULIC HORSEPOWER Avail.	Used
	AVERAGE RATES IN BPM	
	Disp.	Overall
FEET 43	CEMENT LEFT IN PIPE	
	Reason	Shut off

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
lead	400	HAC PPC	B	1/8 # Poly Flake	2.02	12.2
tail	125	50/50 ppc	B	1/8 # Poly Flake; 10% salt	1.28	14.4

Circulating _____	Displacement _____	Preflush: Gal-BBL 12 BBL	Type Mud Flush
Breakdown _____	Maximum _____	Load & Bkdn: Gal-BBI _____	Pad: BBI-Gal _____
Average _____	Frac Gradient _____	Treatment Gal-BBI _____	Disp: BBI-Gal 67 BBI
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr Gal-BBI 147/2881 lead + 282 BBI tail	
		Total Volume Gal-BBI _____	

Frac Ring #1	Frac Ring #2	Frac Ring #3	Frac Ring #4
THE INFORMATION STATED HEREIN IS CORRECT		CUSTOMER'S REPRESENTATIVE SIGNATURE <i>Paul Pauley</i>	

JOB LOG

ORDER NO. 70006

TICKET # **1210038**

TICKET DATE **3/25/01**

REGION **North America**

NWA / COUNTRY

BDA / STATE **KS**

COUNTY **SEWARD**

MBU ID / EMP # **RHO 104 / 1106781**

EMPLOYEE NAME **Cere Alvarado**

PSL DEPARTMENT **ZI**

LOCATION **Kalkaska**

COMPANY **Helmreich + Payne**

CUSTOMER REP / PHONE **Dave Pauley**

TICKET AMOUNT

WELL TYPE **02**

API / UWI #

WELL LOCATION

DEPARTMENT **ZI**

JOB PURPOSE CODE **035 5 1/2 longstring**

LEASE / WELL # **Prater 2-1**

SEC / TWP / RNG **21-32 S - 32 W**

HES FACILITY (CLOSEST TO WELL SITE) **Liberal KS**

HES EMP NAME/EMP # (EXPOSURE HOURS)
Alvarado

HRS
from Clemmons

HES EMP NAME/EMP # (EXPOSURE HOURS)
Earl Lewis

HRS
Carlos Ganga 194445
Raul - 224605

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS (psi)		JOB DESCRIPTION/REMARKS
				T	C	Tbg	Csg	
3/25/01	1400							Arriving on location - discuss set up, job plan and safety
								install float equipment in csg
								rig up head
			12 BBL mud pump					12 BBLs of Fresh water / mud flush
			14 7/8 BBL mud					MIX 400 sks HLC PP C w/ 1/8# polyflake @ 12.2 #/gal
			60 bpm 28 1/2 BBL mud					MIX 125 sks 50/50 P92C w/ 1/8# polyflake; 10% salt @ 14.4 #/gal
								wash out lenses
								Drop plug
			76 bpm 67 BBL FW			680 psi		Displace w/ 66.7 BBLs of fresh water
1850						980 psi		land plug
								Float held
								Got 30 BBLs cement to surface