

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 # 31406  
Name: Prairie Resources, Inc.  
Address: 1016 Amanda Pines Drive  
City/State/Zip: Parker, CO 80138  
Purchaser: Cooperative Refining  
Robert W. Packard  
Operator Contact Person:  
Phone: (303) 840-3313  
Contractor: Name: Clarke Corporation  
License: 5105  
Wellsite Geologist: N/A

API No. 15 - 007-01051-000103  
County: Barber  
NE. NE. SE. Sec. 23 Twp. 31 S. R. 13  East  West  
2310' feet from S / XX (circle one) Line of Section  
330' feet from E / XX (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Packard Well #: 2-23  
Field Name: Nurse  
Producing Formation: Mississippi

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp.  Temp.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic)

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KANSAS CORPORATION COMMISSION  
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CONSERVATION DIVISION  
WICHITA, KS

Location: Ground: 1608' Kelly Bushing: 1619'  
Total Depth: 4710' Plug Back Total Depth: 4700'  
Amount of Surface Pipe Set and Cemented at 211' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from N/A  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

If Workover/Re-entry: Old Well Info as follows:  
Operator: Prairie Resources, Inc.  
Well Name: Packard #2-23  
Original Comp. Date: 3-14-97 KCC WHAM Original Total Depth: 4710'  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back 4700' Plug Back Total Depth  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_  
10-13-00 N/A 10-13-00  
Spud Date or Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan OWWO KJR 8/14/07  
(Data must be collected from the Reserve Pit)  
Chloride content N/A ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used N/A (Recompletion)  
Location of fluid disposal if hauled offsite:  
Operator Name: N/A (Recompletion)  
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 complete and correct to the best of my knowledge.

Signature: Robert W. Packard  
Title: President Date: 11-20-00  
Subscribed and sworn to before me this 20th day of November, 2000  
Notary Public: Jane B Alexander  
Date Commission Expires: 3-15-02

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Prairie Resources, Inc. Lease Name: Packard Well #: 2-23  
 Sec. 23 Twp. 31 S. R. 13  East  West County: Barber

**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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  <p style="text-align: center;">N/A</p>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum          <p style="text-align: center;">N/A</p>
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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	# Sacs Used	Type and Percent Additives
Surface		10 3/4		211			
Production	7 7/8	4 1/2	10.5 #	4708'	ASC	300	5#/sk/kolseal

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 checked="" type="checkbox"/> Plug Off Zone	4055-4060	Common	50 sx	Class A Neat

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
	Set CIBP @ 4200'		4200'
4 SPF	Perf Swope Zone @ 4055 - 4060	Acidize w/750 gal 15% FE	4055-60'
	Swope Recompletion Unsuccessful	Squeeze Swope w/50 sx Common	4055-60'
	Drill out CIBP @ 4200'		
	Return Well to pumping in Mississippi (original zone)		4224-28'
			4232-40'

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8"	4238'	N/A		
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
10-20-00			<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	8	40	10		31	

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. 4246

ORIGINAL

Federal Tax I.D. XXXXXXXXXX

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

SERVICE POINT: Med hodge

DATE <u>10-18-00</u>	SEC. <u>23</u>	TWP. <u>31s</u>	RANGE <u>R13 w</u>	CALLED OUT <u>8:00 AM</u>	ON LOCATION <u>9:00 AM</u>	JOB START <u>11:00 AM</u>	JOB FINISH <u>12:10 PM</u>
LEASE <u>Packard</u>		WELL # <u>2</u>	LOCATION <u>Mingoria Corner</u>		COUNTY <u>Barber</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Clarke  
 TYPE OF JOB Squeeze  
 HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_  
 CASING SIZE 4 1/2 DEPTH \_\_\_\_\_  
 TUBING SIZE 2 3/8 DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL Jacker DEPTH 3991  
 PRES. MAX 1500 MINIMUM 500  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

OWNER Lynn Packard - Prairie Resources  
 CEMENT AMOUNT ORDERED 50 sx Class A Neat

CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. 4055 - 4060  
 DISPLACEMENT 1 1/2 Fresh #30

COMMON	<u>50 SX</u>	@	<u>6.35</u>	<u>317.50</u>
POZMIX		@		
GEL		@		
CHLORIDE		@		
		@		
		@		
		@		
		@		
HANDLING	<u>50</u>	@	<u>1.05</u>	<u>52.50</u>
MILEAGE	<u>50 - MINIMUM</u>			<u>100.00</u>
<b>TOTAL</b>				<u>470.00</u>

EQUIPMENT  
 PUMP TRUCK CEMENTER Justin Hart  
 # 261265 HELPER Mark Brumhardt  
 BULK TRUCK # 242 DRIVER David Felio  
 BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_

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KANSAS CORPORATION COMMISSION

DEC 01 2000

REMARKS:  
Load back side 21 BBLs press up to 500' load tubing 8 BBLs take injection rate 2 BPM Mix 50 sx A neat @ 15.4' wash up pump & lines Disp @ 1 BPM 10 BBLs 1500' stage 5 BBL 1500' + hold release packer reverse out 30 BBLs pull 12 joints set packer pressure up to 500' get off tubing shut in

SERVICE  
CONSERVATION DIVISION  
WICHITA, KS

DEPTH OF JOB	<u>4060</u>			
PUMP TRUCK CHARGE			<u>1145.00</u>	
EXTRA FOOTAGE		@		
MILEAGE	<u>8</u>	@	<u>3.00</u>	
PLUG		@		
		@		
		@		
<b>TOTAL</b>				<u>1169.00</u>

CHARGE TO: Prairie Resources  
 STREET 1016 AMANDA PINES DR.  
 CITY PARKER STATE COLO. ZIP 80138

FLOAT EQUIPMENT

Squeeze Manifold	@	<u>75.00</u>	<u>75.00</u>	
	@			
	@			
	@			
	@			
<b>TOTAL</b>				<u>75.00</u>

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 109.70  
 TOTAL CHARGE 1823.70  
 DISCOUNT 171.40 IF PAID IN 30 DAYS  
1652.30  
LYNN PACKARD  
 PRINTED NAME

SIGNATURE Lynn Packard

1714.00  
 171.40  
 1542.60