

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

API NO. 15-007-22497 0000

County Barber County, Kansas

NW - NE - SE - Sec. 23 Twp. 31S Rge. 13 XXV

2310 Feet from (3) N (circle one) Line of Section

940 Feet from (E) W (circle one) Line of Section

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

Lease Name Packard Well # 1-23

Field Name Nurse

Producing Formation Miss.

Elevation: Ground 1617 KB 1625

Total Depth 4360' PSTD 4310

Amount of Surface Pipe Set and Cemented at 227' Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set N/A Feet

If Alternate II completion, cement circulated from N/A

feet depth to N/A w/ N/A sx cmt.

Drilling Fluid Management Plan ALT 1 2/4 10-2-96  
(Data must be collected from the Reserve Pit)

Operator: License # 31406

Name: Prairie Resources Inc.

Address 20866 E. Lyttle Drive

City/State/Zip Parker, Colorado 80134

Purchaser: National Cooperative Refining Assoc.

Operator Contact Person: Lynn Packard

Phone (303) 841-7277

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Gordon Keen

Designate Type of Completion

X New Well      Re-Entry      Workover

X Oil      SWD      SIGW      Temp. Abd.  
     Gas      ENHR      SIGW **RELEASED**  
     Dry      Other (Core, MSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows: JUL 31 1997

Operator: N/A

Well Name: N/A **FROM CONFIDENTIAL**

Comp. Date N/A Old Total Depth N/A

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

03-18-96 03-24-96 03-24-96

Spud Date Date Reached TD Completion Date JUL 08 1996

Chloride content 6900 ppm Fluid volume 646 bbls

Deviating method used Settling pit

Location of fluid disposal if hauled offsite: KCC

Operator Name Mac SWD JUN 29

Well Name      License No. 5435 **CONFIDENTIAL**

Quarter Sec. 7 Twp. 32 S Rng. 11 (E) W

County Barber Docket No. CD-78217

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 James W. Knell

Title PRESIDENT Date 7/2/96

Subscribed and sworn to before me this 2<sup>nd</sup> day of July 19 96

Notary Public James B. Alexander

Date Commission Expires 3-15-98

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KCS	<input type="checkbox"/> PLUG
<input type="checkbox"/>		<input type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other
(Specify)		

Operator Name **Prairie Resources Inc.**

SIDE TWO

**CONFIDENTIAL**  
Packard

Lease Name

Well # **1-23**

Sec. **23** Twp. **31S** Rge. **13**  
 East  
 West

County **Barber County, Kansas**

**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:  
 Dual Induction Log  
 Dual Compensated Density

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Indian Cave	2671	-1043
Heebner Shale	3560	-1936
U. Douglas Sd.	3616	-1997
Lansing	3745	-2116
Miss. Chert	4227	-2602

**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	12-1/4"	8-5/8"	28#	227'	60/40 Poz	150	3%cc 2%gel
Production	7-7/8"	4-1/2"	10.5#	4350'	ASC	150	5#kolseal/sk

**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				N/A

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
4	4232-40 (8')	1000 gal. 15% FE Acid Frac'd w/64y500# Sand	

<b>TUBING RECORD</b>	Size 2-3/8	Set At 4210'	Packer At	Liner-Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. **5/20/96** Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil 90 Bbls.	Gas 480 Mcf	Water 10 Bbls.	Gas-Oil Ratio 5333	Gravity
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Disposition of Gas:  
 Vented  Sold  Used on Lease  
 (If vented, submit ACO-18.)

**METHOD OF COMPLETION**  
 Open Hole  Perf.  Dually Comp.  Commingled  
 Other (Specify)

Production Interval **4232-40**

# ALLIED CEMENTING CO., INC.

1765

**CONFIDENTIAL**

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

ORIGINAL

SERVICE POINT:

*Mr. at Bend*

DATE <i>3-24-96</i>	SEC. <i>23</i>	TWP. <i>31</i>	RANGE <i>13</i>	CALLED OUT <i>1:30 pm</i>	ON LOCATION <i>5:00 pm</i>	JOB START <i>9:00 pm</i>	JOB FINISH <i>10:00 pm</i>
LEASE <i>Packard</i>	WELL# <i>1-23</i>	LOCATION <i>Mud Lodge Bu rts</i>				COUNTY <i>Barber</i>	STATE <i>W. S.</i>

OLD OR  NEW (Circle one)

CONTRACTOR *Duke Drilling Rig #2*  
 TYPE OF JOB *Prod. casing 4 1/2"*  
 HOLE SIZE *7 7/8* T.D. *4360 #*  
 CASING SIZE *4 1/2* DEPTH *4350 #*  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX *1000\** MINIMUM \_\_\_\_\_  
 MEAS. LINE *4314 #* SHOE JOINT *36.3 #*  
 CEMENT LEFT IN CSG. *36.3 #*  
 PERFS. *Displace ment 6.9. # bbl*

OWNER *Same*  
 CEMENT  
 AMOUNT ORDERED  
*150 sk ASC 5" Kol seal*  
*500 gal Mud Clean 5 sk salt flush*

COMMON	<i>150 ASC</i>	@	<i>7.85</i>	<i>1177.50</i>
POZMIX		@		
GEL		@		
CHLORIDE		@		
	<i>Salt - 5</i>	@	<i>7.00</i>	<i>35.00</i>
	<i>Kol Seal 750 #</i>	@	<i>1.38</i>	<i>285.00</i>
	<i>Mud Clean 500</i>	@	<i>1.75</i>	<i>375.00</i>
	<i>91.</i>	@		
HANDLING	<i>650</i>	@	<i>1.05</i>	<i>682.50</i>
MILEAGE	<i>8</i>			<i>208.00</i>

**EQUIPMENT**

PUMP TRUCK CEMENTER *Mike m*  
 # *120* HELPER *Duane s.*  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER *Kevin*  
 BULK TRUCK **RELEASED**  
 # *256* DRIVER *Tim s.*

TOTAL \$ *2763.00*

**REMARKS:**

FROM CONFIDENTIAL **CONFIDENTIAL**

**SERVICE**

*Circulate hole with Rig mud pump*  
*Mix + pump salt flush + 500 gal mud clean*  
*Plug Rod Hole + mouse hole*  
*Mix Rest of Cement Down the pipe + Rubers*  
*Plug Displace plug Down with water.*  
*Float did hole 1000*

DEPTH OF JOB	<i>4350 #</i>			
PUMP TRUCK CHARGE				<i>1090.00</i>
EXTRA FOOTAGE		@		
MILEAGE	<i>8</i>	@	<i>2.35</i>	<i>18.80</i>
PLUG 1-4 1/2 Rubber plug		@	<i>38.00</i>	<i>38.00</i>
		@		
		@		

TOTAL \$ *1146.80*

CHARGE TO: *Prarie Resources Inc*  
 STREET *20866 E. Lytle Drive*  
 CITY *Parker* STATE *Ks* ZIP *80134*

**FLOAT EQUIPMENT**

<i>1-4 1/2 Guide shoe</i>	@	<i>140.00</i>	<i>140.00</i>
<i>1-4 1/2 AFU Insert</i>	@	<i>235.00</i>	<i>235.00</i>
<i>8-1/2 Centralizers</i>	@	<i>53.00</i>	<i>424.00</i>
	@		
	@		

RECEIVED  
KANSAS CORPORATION COMMISSION

JUL 08 1996

TOTAL \$ *799.00*

CONSERVATION DIVISION  
WIC TAXES

TOTAL CHARGE \$ *4708.80*  
 DISCOUNT \$ *941.76* IF PAID IN 30 DAYS

Net \$ *3767.04*

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.

SIGNATURE *[Signature]*

*Thank You  
Allied Cementing Co  
Mike + Duane + Kevin + Tim*

# ALLIED CEMENTING CO., INC.

3914

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

ORIGINAL **CONFIDENTIAL** SERVICE POINT: Medicine Lodge

DATE <u>2-18-96</u>	SEC. <u>23</u>	TWP. <u>S 21</u>	RANGE <u>W 13</u>	CALLED OUT <u>6:30</u>	ON LOCATION <u>8:00</u>	JOB START <u>10:00</u>	JOB FINISH <u>10:30</u>
LEASE <u>PACKARD</u>	WELL# <u>1-23</u>	LOCATION <u>Medicine School 1/2, 1/4, 1/8</u>			COUNTY <u>BARBER</u>	STATE <u>KANSAS</u>	

OLD OR NEW (Circle one)

CONTRACTOR Duke Drilling Reg #2

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 230

CASING SIZE 8 5/8 DEPTH 227

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 18

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

OWNER PRATZ RESOURCES  
CEMENT

AMOUNT ORDERED 150 60/40/20 GEL + 29 CC

COMMON	<u>90</u>	@	<u>6.10</u>	<u>549.00</u>
POZMIX	<u>60</u>	@	<u>3.15</u>	<u>189.00</u>
GEL	<u>3</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>5</u>	@	<u>28.00</u>	<u>140.00</u>

RELEASED  
JUL 31 1997

HANDLING	<u>150</u>	FROM	@	<u>CONFIDENTIAL</u>	<u>1.05</u>	<u>157.50</u>
MILEAGE	<u>150 x 8</u>					<u>80.00</u>

TOTAL \$1144.00

**EQUIPMENT**

PUMP TRUCK CEMENTER DEAL Rupp

# 266 HELPER JUSTIN HART

BULK TRUCK

# 242 DRIVER KEVIN BRUNGARDT

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

RUN 85/8 TO 227' CEMENTED WITH  
150 SK 60/40/203 - Disp. Plug TO 212'  
WITH 1 3/4 BBLs Fresh H<sub>2</sub>O - SHUT IN

CEMENT CIRCULATED

**SERVICE**

DEPTH OF JOB	<u>227'</u>			
PUMP TRUCK CHARGE				<u>445.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>8</u>	@	<u>2.33</u>	<u>18.80</u>
PLUG <u>1-85/8 Wooded Plug</u>		@	<u>45.00</u>	<u>45.00</u>

TOTAL \$508.80

CHARGE TO: PRATZ RESOURCES INC.

STREET 20866 EAST LYDIE DRIVE

CITY PARKER STATE KANSAS ZIP 66134

**FLOAT EQUIPMENT**

RECEIVED \_\_\_\_\_ @ \_\_\_\_\_

KANSAS CORPORATION COMMISSION \_\_\_\_\_ @ \_\_\_\_\_

JUL 08 1996 \_\_\_\_\_ @ \_\_\_\_\_

CONSERVATION DIVISION  
WICHITA, KS

TOTAL \_\_\_\_\_

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 \$1652.80

DISCOUNT \$330.56 IF PAID IN 30 DAYS

NET \$1322.24

SIGNATURE [Signature]