

FORM MUST BE TYPED

ORIGINAL

SIDE ONE

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

Operator: License # 31406

Name: Prairie Resources, Inc.

Address 1016 Amanda Pines Dr.

City/State/Zip Parker, CO 80138

Purchaser: National Coop. Refining Assoc.

Operator Contact Person: James W. Knell

Phone (303) 840-3313

Contractor: Name: Clarke Well Service

License: 5105

Wellsite Geologist: N/A

Designate Type of Completion
 New Well Re-Entry Workover

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

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

Operator: Prairie Resources, Inc.

Well Name: Packard Well 1-23

Comp. Date 12/6/97 Old Total Depth 4360

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

12/5/97 N/A 12/6/97
Spud Date of Date Reached TD Completion Date
workover. of workover.

API NO. 15- 007-22497-0000

County Barber County

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

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

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

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

Lease Name Packard Well # 1-23

Field Name Nurse

Producing Formation Swope

Elevation: Ground 1617 KB 1625

Total Depth N/A PSTD 4150

Amount of Surface Pipe Set and Cemented at 227 Feet

Multiple Stage Cementing Collar Used? Yes 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 sz cmt.

Drilling Fluid Management Plan Re-work, 5-20-98 U.C.
(Data must be collected from the Reserve Pit)

Shale/pipe cement N/A ppm Fluid volume N/A bbls

Dewatering method used N/A

Location of fluid disposal if hauled offsite:

Operator Name N/A

Lease Name _____ License No. _____

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, 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 Robert W. Richard

Title Vice President Date 2-18-98

Subscribed and sworn to before me this 18th day of February, 1998

Notary Public Joe B. Alexander

Date Commission Expires 3-15-98

K.C.C. OFFICE USE ONLY			
F	Letter of Confidentiality Attached		
G	Wireline Log Received		
C	Geologist Report Received		
		<u>3-2-98</u>	
		Distribution	
<input checked="" type="checkbox"/>	KCC	<input checked="" type="checkbox"/> SWD/Rep	<input type="checkbox"/> NSPA
<input type="checkbox"/>	KCS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other
			(Specify)

ORIGINAL

Operator Name Prairie Resources, Inc.

Lease Name Packard

Well #

Sec. 23 Twp. 31S Rge. 13

East

County Barber

West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests given 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:

N/A

Log Formation (Top), Depth and Datum Sample

Name Top Datum

N/A

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

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
	Set CIBP		4150
4 SPF	Perf'd 4066-70	Acidized w/400 gal 15% FE	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-3/8	4084	N/A	

Date of First, Resumed Production, SWD or Inj.	Producing Method
12/7/97	<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
	75	30	0	1.35	38

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

4066-70

LOG-TECH, INC.
 1011 240th Ave.
 HAYS, KANSAS 67601
 (913) 625-3858

ORIGINAL

5181

Date 12-5-97

CHARGE TO: Prairie Resources
 ADDRESS _____
 R/A SOURCE NO. _____ CUSTOMER ORDER NO. verbal
 LEASE AND WELL NO. Packard 1-23 FIELD _____
 NEAREST TOWN Medicine Lodge COUNTY BARBER STATE Ks
 SPOT LOCATION NW NE SE SEC. 23 TWP. 313 RANGE 13W
 ZERO K.B 8 AGC CASING SIZE 4 1/2" WEIGHT _____
 CUSTOMER'S I.D. _____ LOG TECH _____ FLUID LEVEL _____
 ENGINEER Schmeidler Bollig OPERATOR _____

PERFORATING

Description	No. Shots	Depth		Amount
		From	To	
<u>Perforate w 4" HEC</u>	16	4068	4068	
	<u>16</u>	<u>4066</u>	<u>4070</u>	<u>1140.00</u>

DEPTH AND OPERATIONS CHARGES

Description	Depth		Total No. Ft.	Price Per Ft.	Amount
	From	To			

MISCELLANEOUS

Description	Quantity	Amount
Service Charge		<u>450.00</u>
<u>4 1/2" Bolt CIBP</u>		<u>600.00</u>
<u>Depth charge @ \$150'</u>		<u>664.00</u>
<u>Full lubricator & lock-off</u>		<u>250.00</u>

PRICES SUBJECT TO CORRECTION BY BILLING DEPARTMENT

RECEIVED THE ABOVE SERVICES ACCORDING TO THE TERMS AND CONDITIONS SPECIFIED ON THE REVERSE SIDE TO WHICH WE HEREBY AGREE.

H. O. Durand 12-5-97
 Customer Signature Date

Sub Total	<u>3104.00</u>
Code Ref. CONSERVATION DIVISION Tool Insurance Wichita, KS 67623	
Tax	
If paid within 30 days pay discount amount	<u>2066.00</u>

MAR 2

15-007-22497

GL 1617'
KB 1625'

PRAIRIE RESOURCES INC
PACKARD 1-23
C-NW-NE-SE
Sec 23 Twp 31S R8 13W

ORIGINAL

HOLE
SIZE

12 1/4"



8 5/8" 28 # J-55 ST & C @ 227' - NEW
CMT'D W/150 SX 60/40 POZ
3/19/96

2 3/8" 4.7 # J-55 Tbg @ 4084'
3/4" Rods Btm of MA @ 4104'

Top of cnt 3600' ± 4/1/96 CBL

12/5/97 PF Swope

4066-70' 4SPF 12/7/97 Swab; 75 BOPD, 30 MCFD, PMP
1/15/98 Acidized w/ 400 gal 15% FE
1/16/98 150 BOPD, 80 MCFD, OBW, 220 # FTG

12/5/96 CIBP

@ 4150'

4/3/96 PF Miss

4232-40' 4SPF 4/4/96 Acid 1000 gal 15% FE
4/9/96 Frac w/ 64500 #
5/20/96 1st Sale 90 BOPD, 480 MCFD, FL

FC @ 4310'

7 7/8"

4 1/2" 10.5 # ST & C @ 4350 - NEW
CMT'D W/125 SX5 THIXO
3/24/96

TD @ 4360'
w/ 9.1 # MW

MAR 2 1997

CONSERVATION DIVISION
Wichita, Kansas

JK 12/14/97