

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 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  
 New Well  Re-Entry  Workover

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

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

Operator: N/A

Well Name: N/A

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

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

03-18-96 03-24-96 03-24-96  
Spud Date Date Reached TD Completion Date

API NO. 15- 007-22497 0000

County Barber County, Kansas

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

2310 Feet from SW (circle one) Line of Section

940 Feet from EW (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 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  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 cat.

Drilling Fluid Management Plan  
\_\_\_\_\_ must be collected from the Reserve Pit)

RELEASED

\_\_\_\_\_ content 6900 ppm Fluid volume 646 bbls

Dewatering method used Settling pit

Location of fluid disposal if hauled offsite:

Operator Name Mac SWD

Lease Name \_\_\_\_\_ License No. 5435

Quarter Sec. 7 Twp. 32 Rng. 11 EW

County Barber Decket 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. Keel

Title PRESIDENT Date 7/2/96

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

Notary Public Gene B. Alexander

Date Commission Expires 3-15-98

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

OCT 23 1996

CONSERVATION DIVISION  
WICHITA, KS

Form ACO-1 (7-91)

6-29-97

SIDE TWO

Operator Name Prairie Resources Inc.

Lease Name Packard

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 Returns	Sample
Name	Top	Bottom
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/5%

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

TUBING RECORD	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 <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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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