

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

RECEIVED
AUG 07 2002
KCC WICHITA
COPY

Operator: License # 31406
Name: Prairie Resources, Inc.
Address: 1016 Amanda Pines Drive
City/State/Zip: Parker, CO 80138
Purchaser: NCRA
Operator Contact Person: Robert W. Packard
Phone: (303) 840-3313
Contractor: Name: Duke Drilling Co., Inc.
License: 5929
Wellsite Geologist: Gordon Keen

Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ SIOW ☐ 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. _____

05-29-02 06-05-02 06-16-02
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 007-22704-0000
County: Barber
NW-SE-SE Sec. 23 Twp. 31 S. R. 13W ☐ East ☒ West
990' feet from (S) / XX (circle one) Line of Section
990' 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 #: 7-23
Field Name: Nurse
Producing Formation: Mississippi

Elevation: Ground: 1580 Kelly Bushing: 1591
Total Depth: 4512 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 223 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan See 1 BH B.B.O.R
(Data must be collected from the Reserve Pit)
Chloride content 6900 ppm Fluid volume 646 bbls
Dewatering method used Settling Pit

Location of fluid disposal if hauled offsite: _____
Operator Name: Bowers
Lease Name: Mac SWD License No.: 5435
Quarter _____ Sec. 7 Twp. 32 S. R. 11W ☐ East ☒ West
County: Barber Docket No.: CD-78217

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: 08-05-02
Subscribed and sworn to before me this 5th day of August, 2002
Notary Public: Jane B. Alexander
Date Commission Expires: 3-15-06

KCC Office Use ONLY

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

COPY

Operator Name: Prairie Resources, Inc. Lease Name: Packard Well #: 7-23
 Sec. 23 Twp. 31 S. R. 13W ☐ 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 ☐ Yes ☒ No
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☒ Yes ☐ No
 (Submit Copy)

Test All E. Logs Run:

Dual Induction
 Dual Compensated Porosity
 Sonic Cement Bond

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Hebner Shale	3527	-1936
Lansing	3710	-2119
Swope	4040	-2449
Mississippi	4196	-2605
Chattanooga	4428	-2837
Viola	4445	-2854

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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	# Sacjs Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	23#	223'	60/40 Poz	165	3%CC, 2% Gel
Production	7 7/8"	4 1/2"	10.5 #	4506'	ASC	175	Kolseal

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ 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
2 SPF	4196 - 4215	2000 gal 15% FE Acid	4196-4215
		66000# Sand Frac	4196-4215

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	4222	N/A	☐ Yes ☐ No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)			
06-21-02				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	120	160	40	32

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
 (If vented, Sumit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____