

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, Colorado 80138

Purchaser: _____

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. _____

04-22-03 04-29-03 4.30.03

Spud Date or 04-22-03 Date Reached TD 04-29-03 Completion Date or 4.30.03 Recompletion Date

API No. 15 - 007-22739-00-00

County: Barber County, Kansas

E/2. NE. NW. Sec. 24 Twp. 31 S. R. 13 East West

560 feet from S N (circle one) Line of Section

2370 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Clarke Well #: 2-24

Field Name: Nurse

Producing Formation: _____

Elevation: Ground: 1910' Kelly Bushing: 1919'

Depth: 4598' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 227 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 All 1 on 6.2.03
(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: _____

Lease Name: _____ License No.: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Docket No.: _____

D & A

RECEIVED
MAY 30 2003

KCC WICHITA

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: 5-27-03

Subscribed and sworn to before me this 27th day of May

2003

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

Operator Name: Prairie Resources, Inc. Lease Name: Clarke Well #: 2-24
 Sec. 24 Twp. 31 S. R. 13 East West County: Barber County, Kansas

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 checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction Compensated Neutron Density	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> <tr> <td>Heebner</td> <td>3531</td> <td>-1905</td> </tr> <tr> <td>U Douglas Sd</td> <td>3586</td> <td>-1960</td> </tr> <tr> <td>Lansing</td> <td>3716</td> <td>-2090</td> </tr> <tr> <td>Mississippi</td> <td>4210</td> <td>-2584</td> </tr> <tr> <td>Viola</td> <td>4431</td> <td>-2805</td> </tr> <tr> <td>Simpson Sand</td> <td>4533</td> <td>-2907</td> </tr> </table>	Name	Top	Datum	Heebner	3531	-1905	U Douglas Sd	3586	-1960	Lansing	3716	-2090	Mississippi	4210	-2584	Viola	4431	-2805	Simpson Sand	4533	-2907
Name	Top	Datum																				
Heebner	3531	-1905																				
U Douglas Sd	3586	-1960																				
Lansing	3716	-2090																				
Mississippi	4210	-2584																				
Viola	4431	-2805																				
Simpson Sand	4533	-2907																				

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	12-1/4"	8-5/8"	24#	227'	60/40 Poz	165	3%cc 2%gel

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.			Producing Method <input type="checkbox"/> Flowing <input 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

Disposition of Gas	METHOD OF COMPLETION
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Sumit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____
Production Interval	

RECEIVED

MAY 30 2003

KCC WICHITA

ALLIED CEMENTING CO., INC. 12344

Federal Tax I.D.# 48-0727860

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

SERVICE POINT: Red Lodge

DATE <u>5-20-03</u>	SEC. <u>24</u>	TWP. <u>7S</u>	RANGE <u>13W</u>	CALLED OUT <u>6:00 PM</u>	ON LOCATION <u>7:00 PM</u>	JOB START <u>10:30 AM</u>	JOB FINISH <u>11:45 AM</u>
LEASE <u>Truck</u>	WELL # <u>2024</u>	LOCATION <u>Angonia Corner</u>			COUNTY <u>Wagoner</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)				<u>3/4 N 5/5</u>			

CONTRACTOR Truck #4
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 227
 CASING SIZE 8 3/8 x 24 DEPTH 226
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 30 MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15 @ 311'
 PERFS. _____
 DISPLACEMENT 3 1/2 @ 1005 Fresh H₂O

OWNER Prinzie Resources

CEMENT
 AMOUNT ORDERED
165 sx 40' 40'2 + 3/6 cc

COMMON	<u>1</u>	<u>99</u>	@	<u>2.15</u>	<u>707.85</u>
POZMIX		<u>1/6</u>	@	<u>3.80</u>	<u>50.70</u>
GEL		<u>3</u>	@	<u>12.00</u>	<u>36.00</u>
CHLORIDE			@	<u>30.00</u>	<u>150.00</u>
			@		
			@		
			@		
			@		
			@		
HANDLING	<u>173</u>		@	<u>1.15</u>	<u>198.45</u>
MILEAGE	<u>173 x 86</u>		@	<u>.05</u>	<u>100.00</u>
	<u>Mileage</u>				
					TOTAL <u>1437.10</u>

EQUIPMENT

PUMP TRUCK CEMENTER Justin Harty
 # 342 HELPER Mark Brungart
 BULK TRUCK DRIVER Bill McAdoo
 # 42
 BULK TRUCK DRIVER _____
 # _____

REMARKS:

Run on BTM Break Circ
165 sx 40' 40'2 3/6 cc @ 148'
Release Plug (1.5) 153 bits
Flush H₂O 1 @
That head in @ 105'
Let 15 min Plug Did Circulate

SERVICE

DEPTH OF JOB	<u>227</u>		
PUMP TRUCK CHARGE	<u>0-300</u>		<u>350.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>18.2</u>	@	<u>3.50</u>
PLUG	<u>Wood</u>	@	<u>45.00</u>
		@	
		@	
			TOTAL <u>574.75</u>

CHARGE TO: Prinzie Resources
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
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 1437.10
 DISCOUNT 203.23 IF PAID IN 30 DAYS
7/1824.12

SIGNATURE (Gib) Rouch

PRINTED NAME _____

RECEIVED

MAY 30 2003

KCC WICHITA

ALLIED CEMENTING CO., INC. 12350

Federal Tax I.D.# 48-0727860

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

SERVICE POINT: Mad Lodge

DATE <u>5/30/03</u>	SEC <u>34</u>	TWP <u>31S</u>	RANGE <u>13W</u>	CALLED OUT <u>10:00 AM</u>	ON LOCATION <u>1:30 PM</u>	JOB START <u>1:45 PM</u>	JOB FINISH <u>2:30 PM</u>
LEASE <u>Duke</u>		WELL # <u>2-34</u>	LOCATION <u>Mingona Corner</u>		COUNTY <u>Butler</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)			<u>3/4 N 1E/5</u>				

CONTRACTOR Duke #4

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8 T.D. 4598

CASING SIZE 2 3/4 x 24 DEPTH 226

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 x 14 DEPTH 600

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 5 BBLs Fresh H₂O

OWNER Princie Resources

CEMENT AMOUNT ORDERED 125 SX 60-40-6

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE x 8 _____ @ _____

TOTAL _____

EQUIPMENT

PUMP TRUCK CEMENTER Justin Hart

360-302 HELPER Eric Brewer

BULK TRUCK

242 DRIVER Bill McArdoo

BULK TRUCK

_____ DRIVER _____

REMARKS:

Load Hole w/Rig @ 600'
50 SX 60-40-6 @ 13.8
Disp = 10 BLS Fresh H₂O
Load Hole w/Rig @ 260'
50 SX 60-40-6 Disp 1/2 BBL
Load Hole w/Rig @ 46'
10 SX 60-40-6
15 SX 60-40-6 Rot Hole

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE 8 _____ @ _____

PLUG _____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

CHARGE TO: Princie Resources

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

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 _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Harold C. [Signature]

Harold C. [Signature]
 PRINTED NAME

4/30/03



CEMENTING RECEIVED

STAGE NO.

MAY 30 2003

Date 4-30-03 District Med Lodge Ticket No. 12344
 Company Haye Resources Rig Duke #4
 Lease Stark Well No. 2-24
 County Barber State KS
 Location Mingona Corner Field 24-315-BW

CEMENT DATA:
 Spacer Type: _____
 Amt. _____ Skys Yield KCC WICHITA ft³/sk Density _____ PPG

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 7/8 Type _____ Weight 24 Collar _____

LEAD: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 TAIL: Pump Time _____ hrs. Type 20-40
 Excess 370.00

Casing Depths: Top _____ Bottom 226

Amt. 165 Skys Yield 1.26 ft³/sk Density 14.8 PPG
 WATER: Lead _____ gals/sk Tail 3.50 gals/sk Total 2 Bbls.

Drill Pipe: Size 1 1/4 Weight _____ Collars _____
 Open Hole: Size 2 1/4 T.D. 227 ft. P.B. to _____ ft.

Pump Trucks Used 243 Mark M
 Bulk Equip 242 R111 M

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 0.132 Lin. ft./Bbl. 15.70
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. 0.235 Lin. ft./Bbl. 13.60
 Perforations: From _____ ft. to _____ ft. Amt. _____

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top Wend Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Fresh H₂O Amt. 123 Bbls. Weight 834 PPG
 Mud Type Chemical Weight 91 PPG

COMPANY REPRESENTATIVE Galen Roach

CEMENTER Justin Hart

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						Pipe on B1M
						break pipe
<u>10:30</u>	<u>200</u>			<u>37</u>	<u>6</u>	<u>165</u> ex <u>20-40</u> + <u>3</u> shoe @ <u>14.8</u>
						Release Plug
			<u>50 1/2</u>	<u>15 1/2</u>	<u>4</u>	Insp <u>3 1/2</u> BBLs Fresh H ₂ O
<u>10:45</u>	<u>100</u>					Shut Head in
						leave <u>15'</u> in Csg @ <u>211'</u>
						Did Circulator

FINAL DISP. PRESS. _____ PSI BUMP PLUG TO 100 PSI BLEEDBACK _____ BBLs THANK YOU

Date 4-30-03 District Med Lodge Ticket No. 0350
 Company Prime Resources Rig Bake #4
 Lease Clarke Well No. 2-24
 County Barber State Ks
 Location Mingona Corner Field 74-315-13W
34 N E side

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 1/2 Type _____ Weight 24 Collar _____

Casing Depths: Top _____ Bottom 226

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. _____ ft. P.B. to _____

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.0627 Lin. ft./Bbl. 15.70
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. 0.042 Lin. ft./Bbl. 23.81
 Annulus: Bbls/Lin. ft. 0.400 Lin. ft./Bbl. 2.50
 Bbls/Lin. ft. 0.406 Lin. ft./Bbl. 2.46
 Perforations: From _____ ft to _____ ft. Amt. _____

COMPANY REPRESENTATIVE Galen Roach

CEMENT DATA:
 Spacer Type: _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 TAIL: Pump Time _____ hrs. Type 60-40-6
 Excess _____

Amt. 125 Skys Yield 128 ft³/sk Density 13.8 PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls

Pump Trucks Used 76-302 Eric B
 Equip. 342 Bill M

RECEIVED

MAY 30 2003

Equip. Manufacturer _____

Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Strm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Fresh H₂O Amt. _____ Bbls. Weight _____ PPG
 Mud Type Chemical Weight 91 PPG

CEMENTER Justin Hart

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
<u>1:45</u>				<u>20</u>		<u>load hole w/pig @ 600'</u>
				<u>14</u>		<u>20 BBL S H₂O ahead</u>
				<u>5</u>		<u>50 SK 60-40-6 @ 138</u>
						<u>5 H₂O Disp</u>
				<u>1</u>		<u>load hole w/pig @ 260'</u>
				<u>82</u>		<u>85 H₂O ahead</u>
						<u>50 SK 60-40-6</u>
						<u>Disp 1/2 BBL H₂O</u>
				<u>3</u>		<u>load w/pig @ 40'</u>
				<u>15</u>		<u>10 SK 60-40-6 Disp 1/2 BBLs</u>
<u>2:30</u>				<u>4</u>		<u>15 SK Pig Hole</u>
						<u>60-40-6</u>