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

Operator: License # 32204
Name: REDLAND RESOURCES, INC.
Address: 6001 NW 23RD STREET
City/State/Zip: OKLAHOMA CITY, OK 73127
Purchaser: WESTERN GAS RESOURCES-WESTANA, INC.
Operator Contact Person: ALAN THROWER
Phone: (405) 789-7104
Contractor: Name: DUKE DRILLING
License: 5929
Wellsite Geologist: MIKE POLLOK

RECEIVED
OCT 23 2003
KCC WICHITA

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.

___ Spud Date or Recompletion Date
___ Date Reached TD
___ Completion Date or Recompletion Date

API No. 15 - 007-22761-00-00
County: BARBER
W/2 - SE - NE - ___ Sec. 7 Twp. 35 S. R. 15 ☐ East ☑ West
1980 feet from S / (N) (circle one) Line of Section
1000 feet from (E) / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: HACKBERRY Well #: 7-8
Field Name: AETNA GAS AREA
Producing Formation: MISSISSIPPIAN
Elevation: Ground: 1797' Kelly Bushing: 1811'
Total Depth: 5350' Plug Back Total Depth: 5315'KB
Amount of Surface Pipe Set and Cemented at 1012' 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
(Data must be collected from the Reserve Pit)
Chloride content 5000 ppm Fluid volume 1950 bbls
Dewatering method used TRUCK HAULING
Location of fluid disposal if hauled offsite:
Operator Name: OIL PRODUCERS OF KANSAS
Lease Name: MAY #13-3 License No.: 8061
Quarter NE Sec. 13 Twp. 35 S. R. 16 ☐ East ☑ West
County: COMANCHE Docket No.: D-27726

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: Alan Throwe
Title: VICE PRESIDENT Date: 10-21-03
Subscribed and sworn to before me this 21 day of October, 20 03.
Notary Public: Cindy J. Jones
Date Commission Expires:

NOTARY SEAL PUBLIC
CINDI J. JONES
Oklahoma County
Notary Public in and for
State of Oklahoma
Commission # 02018227 Expires 10/30/06

KCC Office Use ONLY
___ Letter of Confidentiality Attached
If Denied, Yes ☐ Date:
___ Wireline Log Received
___ Geologist Report Received
___ UIC Distribution

Operator Name: REDLAND RESOURCES, INC. Lease Name: HACKBERRY Well #: 7-8

Sec. 7 Twp. 35 S. R. 15 ☐ 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 (Attach Additional Sheets) ☐ Yes ☑ No

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run (Submit Copy) ☐ Yes ☑ No

List All E. Logs Run:

DUAL INDUCTION
COMPENSATED NEUTRON DENSITY
MICROLOG

☑ Log · Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
CHASE	2382	-571
TOP PENN	3327	-1516
BS. HEEBNER	4273	-2462
LANSING	4472	-2661
STARK SH.	4884	-3073
CHEROKEE SH.	5128	-3317
MISS DETRITAL	5174	-3363
TOP MISS.	5200	-3389

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	14.75"	10.75"	24#	248'	60/40 Pozmix	225	2%gel/3%CC
surface	9.875"	8.625"	24#	1012'	Class A	200	2%gel/3%CC/2%Gyp
production	7.875"	4.5"	10.50#	5350'	Class H ASC	230	10%salt, 6%Cal-Seal,1%Gel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

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	5173-5223 & 5240-5270	Acid - 4000gal 15% NEFE	same
		Frac - 3000gal 15% NEFE acid & 200,000treated water & 39,000# 20/40 snad	

TUBING RECORD Size	Set At	Packer At	Liner Run
2.375"	5161'		☐ Yes ☑ No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
10-06-03	☑ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	300	50	300:1	n/a

Disposition of Gas METHOD OF COMPLETION Production Interval

☐ Vented ☑ Sold ☐ Used on Lease (If vented, Submit ACO-18.)

☐ Open Hole ☑ Perf. ☐ Dually Comp. ☐ Commingled

☐ Other (Specify)