

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

COPY

Operator: License # 32204
Name: REDLAND RESOURCES, INC.
Address: 6001 NW 23RD STREET
City/State/Zip: OKLAHOMA CITY, OK 73127
Purchaser: WESTERN GAS - PLAINS MARKETING
Operator Contact Person: ALAN THROWER
Phone: (405) 789-7104
Contractor: Name: DUKE DRILLING
License: 5929
Wellsite Geologist: MIKE POLLOK
Designate Type of Completion:
☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ SLOW ☐ 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. _____
01/05/02 01/15/02 02/26/02
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 033 21292 0000
County: COMANCHE
_____-_____-_____- Sec. 12 Twp. 35 S. R. 16 ☐ East ☒ West
1000 feet from (S) N (circle one) Line of Section
1320 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: MICHAEL Well #: 12-16
Field Name: AETNA GAS AREA
Producing Formation: MISSISSIPPIAN
Elevation: Ground: 1835 Kelly Bushing: 1847
Total Depth: 5830 Plug Back Total Depth: 5392' KB
Amount of Surface Pipe Set and Cemented at 287' 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 cmf.
Drilling Fluid Management Plan Alt 1 BH 6-24-02
(Data must be collected from the Reserve Pit)
Chloride content 5000 ppm Fluid volume 780 bbls
Dewatering method used TRUCK HAULING
Location of fluid disposal if hauled offsite:
Operator Name: OIL PRODUCERS
Lease Name: MAY #13-3 License No.: 8061
Quarter NW 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 Thrower
Title: VICE PRESIDENT Date: 5/28/02
Subscribed and sworn to before me this 28TH day of MAY,
2002
Notary Public: [Signature]
Date Commission Expires: 6-21-04

KCC Office Use ONLY

☒ No Letter of Confidentiality Attached
If Denied, Yes ☐ Date: _____
☒ Wireline Log Received
☒ Geologist Report Received
☐ UIC Distribution

Operator Name: REDLAND RESOURCES, INC. Lease Name: MICHAEL Well #: 12-16
 Sec. 12 Twp. 35 S. R. 16 East ☒ West County: COMANCHE

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) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Log | Formation (Top), Depth and Datum | Sample |
| Samples Sent to Geological Survey | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Name | Top | Datum |
| Cores Taken | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Chase | 2441 | -594 |
| Electric Log Run (Submit Copy) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Top Penn | 3363 | -1516 |
| List All E. Logs Run: | | Base Heebner | 4339 | -2492 |
| | | Lansing | 4544 | -2697 |
| | | Stark Shale | 4950 | -3103 |
| | | Cherokee SH | 5197 | -3350 |
| | | Miss Detrital | 5246 | -3398 |
| | | Miss Unconformity | 5274 | -3427 |
| | | Viola | 5736 | -3889 |

DUAL INDUCTION
 COMPENSATED NEUTRON DENSITY
 MICROLOG

| 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 | 14.75" | 10.75" | 32# | 287' | POZMIX | 225 | 2%GEL/3%CC |
| PRODUCTION | 7.875" | 4.5" | 10.5# | 5463'KB | ASC | 225 | 5#KOLSEAL |
| | | | | | | | |

| 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 |
|-------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------|
| 4 | 5298-5326 & 5260-90 & 5246-56 | ACID- 2500 GAL 15% NEFE ACID | |
| | | FRAC-61000 GAL N2 FOAM AND | |
| | | 68,000# 16/30 BRADY SAND | |
| | | | |
| | | | |
| TUBING RECORD | | Liner Run | |
| Size | Set At | Yes | No |
| 2.375" | 5137' | | |
| Date of First, Resumed Production, SWD or Enhr. | | Producing Method | |
| 03/21/02 | | Flowing | <input checked="" type="checkbox"/> Pumping |
| Estimated Production Per 24 Hours | | Gas Lift | Other (Explain) |
| Oil Bbls. | Gas Mcf | Water Bbls. | |
| 5 | 50 | 5 | |

Disposition of Gas: ☐ Vented ☒ Sold ☐ Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION: ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled

Production Interval: ☐ Other (Specify) _____