

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

- 1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,  
Other \_\_\_\_\_

2. Name of Operator

CLAYTON WILLIAMS ENERGY, INC.

3. Address MIDLAND, TX 79705  
6 DESTA DRIVE, STE. 30003a. Phone No. (include area code)  
432/682-6324

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 2310' FNL &amp; 990' FEL; H

At top prod. interval reported below SAME

At total depth SAME

14. Date Spudded  
10/27/0415. Date T.D. Reached  
11/06/04

16. Date Completed

☐ D & A☒ Ready to Prod.18. Total Depth: MD  
TVD 4200'19. Plug Back T.D.: MD  
TVD 4167'20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

## COMPENSATED NEUTRON LOG

23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 11"       | 8 5/8"     | 24#         | 0'       | 415'        |                      | 350 SX                       |                   | SURF-CIRC   | NONE          |
| 7 7/8"    | 5 1/2"     | 17#         | 0'       | 4200'       |                      | 950 SX                       |                   |             | NONE          |
| DV TOOL.  |            |             |          |             | 2624'                |                              |                   |             |               |
|           |            |             |          |             |                      |                              |                   |             |               |
|           |            |             |          |             |                      |                              |                   |             |               |

24. Tubing Record

| Size   | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|--------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2 7/8" | 4167'          |                   |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation | Top   | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-----------|-------|--------|---------------------|------|-----------|--------------|
| A) YESO   | 3920' | 4020'  | 3837'-4122'         | .47" |           |              |
| B)        |       |        |                     |      |           |              |
| C)        |       |        |                     |      |           |              |
| D)        |       |        |                     |      |           |              |

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

| Depth Interval | Amount and Type of Material  |
|----------------|--|
| 3837'-4122'    | TREATED W/1289 BBLs FRESH WATER GEL; 33,664 GALS GELLED & HEATED 15% & 20% HCL & 6985 GALS 15% FLUSH W/6018 GALS 2% KCL WATER, TOTAL LOADED 2448 BBLs. |

28. Production - Interval A

| Date First Produced | Test Date            | Hours Tested   | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|----------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 11/16/04            | 11/26                | 24             | →               | 64      | 110     | 551       | 39                    | 172         | PUMPING           |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press. SI | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |
|                     | 50                   | 50             | →               |         |         |           |                       | PRODUCING   |                   |

28a. Production - Interval B

| Date First Produced | Test Date            | Hours Tested   | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|----------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
|                     |                      |                | →               |         |         |           |                       |             |                   |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press. SI | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |
|                     |                      |                | →               |         |         |           |                       |             |                   |

\*(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD  
DEC 17 2004  
LES BABYAK  
PETROLEUM ENGINEER

## 28b. Production - Interval C

| Date First Produced | Test Date            | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |

## 28c. Production - Interval D

| Date First Produced | Test Date            | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

**SOLD**

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

| Formation              | Top  | Bottom | Descriptions, Contents, etc.   | Name       | Top Meas. Depth |
|------------------------|------|--------|--|------------|-----------------|
| SAN ANDRES (OIL & GAS) | 2540 | 2640   | M. BRN; VF CRYSTALLINE MOTLED DOLOMITE W/TRANS CHERT & GY-WHITE OPAQUE ANHYDRITE | GRAYBURG   | 2039'           |
| SAN ANDRES (OIL & GAS) | 3500 | 3620   | M. BRN-CRM; F CRYSTALLINE DOLOMITE; OCC TAN +/- FOSSILS TR. ANHYDRITE/CHERT      | SAN ANDRES | 2311            |
|                        |      |        |  | GLORIETTA  | 3760            |
| YESO (OIL & GAS)       | 3920 | 4020   | BROWN-DK BROWN VF-F CRYSTALLINE DOLOMITE TRACE FOSSIL FRAGMENTS                  | YESO       | 3930            |

32. Additional remarks (include plugging procedure):

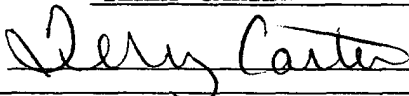
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)   
 ☐ Geologic Report   
 ☐ DST Report   
 ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification   
 ☐ Core Analysis   
 ☐ Other: **INCLINATION SURVEY**

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) **TERRY CARTER**Title **DRILLING TECHNICIAN**

Signature

Date **12/15/04**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

WELL NAME AND NUMBER Phillips Federal 19 No. 4  
LOCATION 2310' FNL & 990' FEL, Section 19, T17S, R29E, Eddy County NM  
OPERATOR Clayton Williams Energy Inc.  
DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

| <u>Degrees @ Depth</u> | <u>Degrees @ Depth</u>      | <u>Degrees @ Depth</u>      |
|------------------------|-----------------------------|-----------------------------|
| <u>1/4° 415'</u>       | <u>1/2° 4019'</u>           | <u>                    </u> |
| <u>1/2° 538'</u>       | <u>                    </u> | <u>                    </u> |
| <u>1/2° 998'</u>       | <u>                    </u> | <u>                    </u> |
| <u>1/2° 1519'</u>      | <u>                    </u> | <u>                    </u> |
| <u>1/2° 2003'</u>      | <u>                    </u> | <u>                    </u> |
| <u>1/2° 2520'</u>      | <u>                    </u> | <u>                    </u> |
| <u>1/2° 3008'</u>      | <u>                    </u> | <u>                    </u> |
| <u>1/2° 3498'</u>      | <u>                    </u> | <u>                    </u> |

RECEIVED

DEC 30 2004

OCD-ARTESIA

Drilling Contractor United Drilling, Inc.

By: George A. Aho

Title: Business Manager

Subscribed and sworn to before me this 8<sup>th</sup> day of November,  
2004.

Carline Martin  
Notary Public

My Commission Expires: 10/08/08

Chaves New Mexico  
County State