

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG **JUN 23 2014**

5. Lease Serial No.
MM28713

6. If Indian, Allottee or Tribe Name
Jicarilla Apache

7. Unit or CA Agreement Name and No.

1a. Type of Well Oil Well Gas Well Dry Other

b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr.
Other **Recomplete/Additional Perfs**

2. Name of Operator
ENERGEN RESOURCES CORPORATION

8. Lease Name and Well No.
Little Federal 29 1

3. Address **2010 Afton Place, Farmington, NM 87401**

3a. Phone No. (include area code) **505-325-6800**

9. API Well No.
30-039-21535

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **1850' ENL, 1675' FWL Sec 29, T24N, R03W (E) SE/4NW**

10. Field and Pool, or Exploratory
West Lindrith Gallup Dakota

At top prod. interval reported below

11. Sec., T., R., M., or Block and Survey or Area
Sec. 29 T24N R03W N.M.P.M.

At total depth

12. County or Parish **Rio Arriba** 13. State **NM**

14. Date Spudded **7/8/1978** 15. Date T.D. Reached *** 7/25/78** 16. Date Completed D & A Ready to Prod. **5/28/14**

17. Elevations (DF, RKB, RT, GL)*
7023 GL

18. Total Depth: MD **7600' MD** TVD **7600' MD** 19. Plug Back T.D.: MD **7447' MD** TVD **7447' MD**

20. Depth Bridge Plug Set: MD **7600' MD** TVD **7600' MD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CEL W/GAMMA RAY/VDL & CASING COLLARS

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

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 Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-----------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 12-1/4" | 8-5/8" | 24# | 0 | 371' | | 350 | | surface | |
| 7-7/8" | 4-1/2" | 10.5#/ | 0 | 7563' | | 885 | | 5330' (CEL) | |
| | | 11.6# | | | | | | | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|--------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2-3/8" | 6439' | | | | | | | |

25. Producing Intervals

26. Perforation Record

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-------------------------|-----|--------|---------------------|-------|-----------|--------------|
| A) West Lindrith Gallup | | | 6248'-6255', 6264'- | 0.40" | 171 | 3 spf |
| B) Dakota | | | 6250', 6302'-6324', | | | |
| C) | | | 6338'-6350' | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|---------------------|--|
| 6248'-6255', 6264'- | 501 gals 15% HCl acid, 99530 gal of Delta 200, 5000# of 100 mesh, 156000# of |
| 6280', 6302'-6324', | 20/40 FW |
| 6338'-6350' | |

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 |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 6/20/14 | 6/20/14 | 1 | → | 0 | 285 | 0 | | | flowing |
| Choke Size | Tbg. Press. Flwg. | Csg. Press. | 24 Hr. | Oil BBL | Gas MCF | Water BBL | Gas: Oil Ratio | Well Status | |
| SI | SI 0 | SI 270 | → | | | | | | |

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. | Csg. Press. | 24 Hr. | Oil BBL | Gas MCF | Water BBL | Gas: Oil Ratio | Well Status | |
| SI | SI | SI | → | | | | | | |

ACCEPTED FOR RECORD
JUN 25 2014
FARMINGTON FIELD OFFICE
BY: *[Signature]*

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

NMOCDV

28b. Production - Interval C

| 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. | 24 Hr. → | Oil BBL | Gas MCF | Water BBL | Gas: Oil Ratio | Well Status | |

28c. Production-Interval D

| 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. | 24 Hr. → | Oil BBL | Gas MCF | Water BBL | Gas: Oil Ratio | Well Status | |

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

To be 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 |
| | | | | Ojo Alamo | 2380' MD |
| | | | | Kirtland | 2715' MD |
| | | | | Fruitland | 2828' MD |
| | | | | Pictured Cliffs | 3055' MD |
| | | | | Lewis | 3113' MD |
| | | | | Chacra | 3895' MD |
| | | | | Cliff House | 4635' MD |
| | | | | Menefee | 4700' MD |
| | | | | Point Lookout | 5150' MD |
| | | | | Mancos | 5375' MD |
| | | | | Gallup | 5730' MD |
| | | | | Sanostee | 6850' MD |
| | | | | Greenhorn | 7133' MD |
| | | | | Graneros | 7204' MD |
| | | | | Dakota "A" | 7218' MD |

32. Additional remarks (include plugging procedure):

Dakota "B" 7240' MD
 Dakota "D" 7390' MD
 Dakota Burro Canyon 7504' MD

* TD reached 7/25/78 as per 3160-4 dated 12/27/79.

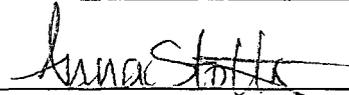
33. Indicate which items have been attached by placing a check in the appropriate boxes:

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

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) Anna Stotts

Title Regulatory Analyst

Signature 

Date 06/20/14

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.