

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

NM28713

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Otherb. Type of Completion: ☐ New Well ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other Recomplete/Additional Perfs

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

7. Unit or CA Agreement Name and No.

2. Name of Operator

ENERGEN RESOURCES CORPORATION

3. Address

2010 Afton Place, Farmington, NM 87401

3a. Phone No. (include area code)

505-325-6800

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

At surface 1850' ENL, 1675' FWL Sec 29, T24N, R03W (F) SE/4

At top prod. interval reported below

At total depth

8. Lease Name and Well No.

Little Federal 29 1

9. API Well No.

30-039-21535

10. Field and Pool, or Exploratory

West Lindrith Gallup Dakota

11. Sec., T., R., M., or Block and

Survey or Area  
Sec. 29 T24N R03W N.M.P.M.

12. County or Parish

Rio Arriba

13. State

NM

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

7023 GL

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

18. Total Depth: MD  
TVD

7600' MD

19. Plug Back T.D.: MD  
TVD

7447' MD

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)

CHEL W/GAMMA RAY/VDL &amp; CASING COLLARS

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
12-1/4"	8-5/8"	24#	0	371'		350		surface	
7-7/8"	4-1/2"	10.5#	0	7563'		885		5330' (CHEL)	
		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

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)						

26. Perforation Record

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'	

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

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	SI	→						

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	→						

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

NMOCDA

ACCEPTED FOR RECORD

JUN 25 2014

FARMINGTON FIELD OFFICE

By: 

## 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.

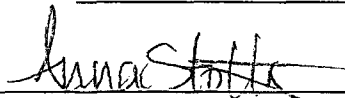
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ 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 StottsTitle 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.