

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

OCT 20 2011

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other ☐ Plug Back ☐ Land Management

b. Type of Completion. ☒ New Well ☐ Work Over ☐ Deepen ☐ Other

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 **1835' ENL, 1760' FWL (F) SE/NW**
At top prod. interval reported below
At total depth

5. Lease Serial No.
Jicarilla Apache 115

6. If Indian, Allottee or Tribe Name
Jicarilla Apache

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
Jicarilla 115E #13A

9. API Well No.
30-39-31040-0051

10. Field and Pool, or Exploratory
Basin Mancos

11. Sec., T., R., M., or Block and Survey or Area
F-Sec. 03, T26N, R03W NMEM

12. County or Parish
Rio Arriba

13. State
NM

14. Date Spudded
5/25/11

15. Date T.D. Reached
6/17/11

16. Date Completed
☐ D & A ☒ Ready to Prod.
10/14/11

17. Elevations (DF, RKB, RT, GL)*
7070'

18. Total Depth: MD **7987'** TVD

19. Plug Back T.D.: MD **7882'** TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
POROSITY GR, EXPRESS COMPENSATED NEUTRON, LITH DEN/BULK DEN, CMT VOL GR, IND LOG GR, SONIC SONR, MECH PROP, COMPCT ARR IND

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25	9.625	32.3		300'		133 sks		surface	10 bbl.
8.75	7.00	23		4115'		492 sks		515' TS	0
6.25	4.50	11.6		7926'		490 sks		3700 CHL	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375'	7220'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Mancos	6435'	7853'	7122-25', 7171-74'	.28"	114	6 SPF
B)			7216'-19, 7261-71'			
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
7122-25', 7171-74',	291,758 gal slickwater, 7500# 100 mesh & 71,760# 30/70 sand
7216'-7219', 7261-71'	

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
	10/14/11	1	→	0	28	0			flowing

Choke Size **SI 950** Tbg. Press Flwg **SI 850** Csg. Press. **SI 850** 24 Hr **→** Oil BBL Gas MCF Water BBL Gas Oil Ratio Well Status

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

NMOCDA

FARMINGTON FIELD OFFICE
BY **IL Salyers**

ACCEPTED FOR RECORD

OCT 21 2011

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
				San Jose	surface
				Ojo Alamo	3290
				Kirtland	3400
				Fruitland	3591
				Pictured Cliffs	3733
				Lewis Shale	3913
				Huerfano Bentonite	4245
				Cliff House	5462
				Manefee	5598
				Point Lookout	5908
				Mancos	6435
				El Vado Ss	6923
				Niobrara A	7095
				Niobrara B	7160
				Niobrara C	7257

32. Additional remarks (include plugging procedure)

Carlile Shale 7396'
Greenhorn 7854'

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 10/14/11

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.