Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JUN 25 2013
Farmington Field Office
Bureau of Land Management

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: Jicarilla Contract 96

1a. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Dry Other

b. Type of Completion: ☐ New Well ☒ Work Over ☐ Deepen ☒ Plug Back ☐ Diff.Resvr,. Other

6. If Indian, Allotee or Tribe Name: Jicarilla Apache

7. Unit or CA Agreement Name and No.:

2. Name of Operator: ENERGEN RESOURCES CORPORATION

8. Lease Name and Well No.: Jicarilla 96 #2C

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

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

9. API Well No.: 30-039-26827

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

At surface: 1750' FNL, 1825' FEL Sec. 02, T26N, R03W (G) SW/NE

At top prod. interval reported below

At total depth

10. Field and Pool, or Exploratory: Gavilan Pictured Cliffs

11. Sec., T., R., M., or Block and Survey or Area: Sec.02-T26N-R03W N.M.P.M.

12. County or Parish: Rio Arriba

13. State: NM

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
12/11/01	01/04/02	☐ D & A ☒ Ready to Prod. 6/6/13	7103' GL

18. Total Depth: MD / TVD	19. Plug Back T.D.: MD / TVD	20. Depth Bridge Plug Set: MD / TVD
6252'	6205'	

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

CBL

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
12-1/4"	9-5/8"	32.3	0	230'		150		surface	50 sx
8-3/4"	7"	23	0	4224'		620		1440'Temp	Survey & CBL
6-1/8"	4-1/2"	11.6	4075'	6221'		200		4480' CBL	-

OIL CONS. DIV DIST. 3
JUL 01 2013

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"	3754'							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	Pictured Cliffs	3642'	3964'	3722'-3731', 3748'-	.38"	102	3 spf
B)				3756', 3765'-3782'			
C)							
D)							

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

Depth Interval	Amount and Type of Material
3722'-3731',3748'-	1019 gals of 15% HCl acid, Frac w/21221 gals of 11cp 70Q Delta 140, 770000 scf
3756', 3765'-3782'	of N2, 107910# of 20/40 PSA & 4565# of 100 mesh PSA.

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
6/25/13	6/21/13	3		0	499	3			flowing

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status
16/64"	0	240						

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

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JUN 26 2013
FARMINGTON FIELD OFFICE
BY

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

NMOCD

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	3130 MD 3130 TVD
				Kirtland	3474 MD 3474 TVD
				Fruitland	3558 MD 3558 TVD
				Pictured Cliffs	3642 MD 3642 TVD
				Lewis	3965 MD 3965 TVD
				Huerfanito Bentonite	4250 MD 4250 TVD
				Cliff House	5302 MD 5302 TVD
				Menefee	5572 MD 5572 TVD
				Point Lookout	5889 MD 5889 TVD

32. Additional remarks (include plugging procedure):

33. Indicate which items have bee 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 Anna Stotts Date 6/25/13

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.

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