

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

SEP 25 2013

5. Lease Serial No.
Jicarilla Contract 115

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

b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resv. ☐ Other ☒ Revision - PC Formation Top

Farmington Field Office
Bureau of Land Management

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 1735' FSL, 1105' FEL Sec 3, T26N, R03W (I) NE/SE

At top prod. interval reported below

At total depth

8. Lease Name and Well No.

Johnston Shear 1A

9. API Well No.

30-039-26262

10. Field and Pool, or Exploratory

Gavilan Pictured Cliffs

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

Sec. 3-T26N-R03W N.M.P.M.

12. County or Parish

Rio Arriba

13. State

NM

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

7005' GL

14. Date Spudded

1/5/00

15. Date T.D. Reached

1/16/00

16. Date Completed

☐ D & A ☒ Ready to Prod.
8/9/13

18. Total Depth: MD
TVD

7710'

19. Plug Back T.D.: MD
TVD

7687'

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & 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)

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	0	240'		160		surface	11 bbls
8.75"	7"	20	0	3983'		600		surface	4 bbls
6.25"	4.50"	11.6	0	7710'		520		2470'	-

RCUD SEP 27 '13
OIL CONS. DIV.
DIST. 3

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"	3705'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Gavilan Pictured	3626'	3799'	3632'-3640, 3658'-	.38"	141	3 spf
B) Cliffs			3664', 3688'-3721'			
C)						
D)						

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

Depth Interval	Amount and Type of Material
3632'-3640', 3658'-	1014 gal of 15% HCl acid. 17507 Perm-stim 60#, 1004 gal WaterFrac P 60#,
3664', 3688'-3721'	796942 scf of N2, 5000# of 40/70 100 mesh, 47200# of 20/40.

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
9/12/13	9/10/13	2	→	0	419	2			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	280	→						

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	
			→						

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

NMOCDF

ACCEPTED FOR RECORD

SEP 26 2013

FARMINGTON FIELD OFFICE

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	3087'
				Kirtland	3400'
				Fruitland	3480'
				Pictured Cliffs	** 3626' **
				Lewis	3800'
				Huerfanito Bentonite	4140'
				Cliff House	5220'
				Menefee	5450'
				Point Lookout	5810'
				Mancos	6324'
				Gallup	6810'

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:

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 9/24/13

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010WELL COMPLETION OR RECOMPLETION REPORT AND LOG **SEP 13 2013**

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other Farmington Field Office		5. Lease Serial No. Jicarilla Contract 115
b. Type of Completion: <input type="checkbox"/> New Well <input checked="" type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resv. Pay Add		6. If Indian, Allottee or Tribe Name Jicarilla Apache
2. Name of Operator ENERGEN RESOURCES CORPORATION		7. Unit or CA Agreement Name and No.
3. Address 2010 Afton Place, Farmington, NM 87401		8. Lease Name and Well No. Johnston Shear 1A
3a. Phone No. (include area code) 505-325-6800		9. API Well No. 30-039-26262
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1735' FSL, 1105' FEL Sec 3, T26N, R03W (I) NE/SE At top prod. interval reported below At total depth		10. Field and Pool, or Exploratory Gavilan Pictured Cliffs
14. Date Spudded 1/5/00		11. Sec., T., R., M., or Block and Survey or Area Sec. 3-T26N-R03W N.M.P.M.
15. Date T.D. Reached 1/16/00		12. County or Parish Rio Arriba
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 8/9/13		13. State NM
17. Elevations (DF, RKB, RT, GL)* 7005' GL		
18. Total Depth: MD TVD 7710'	19. Plug Back T.D.: MD TVD 7687'	20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)	22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)
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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
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								RCVD SEP 18 '13	
								OIL CONS. DIV.	
								DIST. 2	

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"	3705'								

25. Producing Intervals								26. Perforation Record	
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Gavilan Pictured	3654'	3799'	3632'-3640, 3658'-	.38"	141	3 spf			
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Depth Interval	Amount and Type of Material
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Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 0	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
16/64"									

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
			→						ACCEPTED FOR RECORD
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
									SEP 17 2013

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

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FARMINGTON FIELD OFFICE

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.)

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- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
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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

Anna StottsDate 9/12/13

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