

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. Resrv. Other Revision - PC Formation Top

6. If Indian, Allottee 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.
Johnston Shear 1A

3. Address
2010 Afton Place, Farmington, NM 87401

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

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

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

17. Elevations (DF, RKB, RT, GL)*
7005' GL

18. Total Depth: MD 7710' TVD
19. Plug Back T.D.: MD 7687' TVD

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 Sk. & 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'	-

RCVD 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'-3664', 3688'-3721'	1014 gal of 15% HCl acid. 17507 Perm-stim 60#, 1004 gal WaterFrac P 60#, 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	
			→						

ACCEPTED FOR RECORD
SEP 26 2013
FARMINGTON FIELD OFFICE

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

NMOCDF

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'
				Manefee	5450'
				Point Lookout	5810'
				Mancos	6324'
				Gallup	6810'

32. Additional remarks (include plugging procedure):

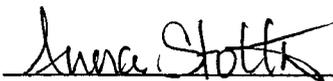
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- 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 

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, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG **SEP 13 2013**

1a. Type of Well Oil Well Gas Well Dry Other **Farmington Field Office**
 b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resrv. **Land Manager**
 Other **Pay Add**

2. Name of Operator **ENERGEN RESOURCES CORPORATION**
 3. Address **2010 Afton Place, Farmington, NM 87401** 3a. Phone No. (include area code) **505-325-6800**
 5. Lease Serial No. **Jicarilla Contract 115**
 6. If Indian, Allottee or Tribe Name **Jicarilla Apache**
 7. Unit or CA Agreement Name and No.

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**

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**
 17. Elevations (DF, RKB, RT, GL)* **7005' GL**

18. Total Depth: MD **7710'** TVD **7710'** 19. Plug Back T.D.: MD **7687'** TVD **7687'** 20. Depth Bridge Plug Set: MD **7687'** TVD **7687'**

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' CBL	-

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	3654'	3799'	3632'-3640, 3658'-	.38"	141	3 spf
B) Cliffs			3664', 3688'-3721'			
C)						
D)						

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
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"	SI	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	
	SI		→						

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

NMOCDFV

ACCEPTED FOR RECORD
SEP 17 2013
FARMINGTON FIELD OFFICE
SM

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	3654'
				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 

Date 9/12/13

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.