

Form 2160-4
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. Jicarilla Contract 95	
2. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other		6. If Indian, Allottee or Tribe Name Jicarilla Apache	
3. Name of Operator ENERGEN RESOURCES CORPORATION		7. Unit or CA Agreement Name and No. 21289	
4. Address 2193 Bloomfield Highway, Farmington, NM 87401		8. Lease Name and Well No. Jicarilla 95 7B	
5a. Phone No. (include area code) 505-325-6800		9. API Well No. 30-039-26854	
10. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1830' FNL, 1720' FWL		11. Field and Pool, or Exploratory Blanco Mesaverde	
12. Sec., T., R., M., or Block and Survey or Area Sec. 36, T27N, R03W - N.M.P.M.		13. County or Parish Rio Arriba	
14. Date Spudded 03/22/02		15. Date T.D. Reached 03/31/02	
16. Date Completed ☐ D & A ☒ Ready to Prod. 04/19/02		17. Elevations (DF, RKB, RT, GL)* 7179' GL	
18. Total Depth MD TVD 6578'		19. Plug Back T.D.: MD TVD 6320	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each)	
GR/Temp/IRI:GR/Spec Den Dual Spaced Neutron/EMI/MIRL		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)			
Size	String Case	WT (in.)	Top (MD)
12-1/4"	9-5/8"	32.3#	0
8-3/4"	1"	20#	0
6-1/4"	4-1/2"	11.6#	4010'
24. Tubing Record			
Size	Depth Set (MD)	Packer Depth (MD)	Size
2-3/8"	6092'		
25. Production Intervals			
Formation	Top	Bottom	Perforated Interval
A) Point Lookout	5927'	6104'	5927, 29, 31, 35, 38, 45.
B)			47, 64, 66, 71, 72, 73, 74.
C)			80, 82, 83, 84, 86, 88, 90.
D)			6022, 24, 54, 56, 62, 64.
26. Perforation Record			
Formation	Top	Bottom	Perforated Interval
A) Point Lookout	5927'	6104'	5927, 29, 31, 35, 38, 45.
B)			47, 64, 66, 71, 72, 73, 74.
C)			80, 82, 83, 84, 86, 88, 90.
D)			6022, 24, 54, 56, 62, 64.
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.			
Depth Interval	Amount and Type of Material		
5927' - 6104'	147,663 gals. 60Q foamed slickwater foam & 140,000# 20/40 sand		
5570' - 5642'	95,281 gals. 60Q foamed slickwater foam & 90,000# 20/40 sand		
28. Production Interval A			
Interval	Test Date	Hours Tested	Test Production
	01/26/02	7dy	
Choke Size	Log Press	Csg. Press	24 Hr.
	990	990	
Oil BBL	Gas MCF	Water BBL	Oil Gravity
Pitot	1100		
Gas BBL	Gas MCF	Water BBL	Gas Oil Ratio
Well Status	Production Method		
	ACCEPTED FOR RECORD Flowing		
29. Production Interval B			
Interval	Test Date	Hours Tested	Test Production
Choke Size	Log Press	Csg. Press	24 Hr.
Oil BBL	Gas MCF	Water BBL	Oil Gravity
Gas BBL	Gas MCF	Water BBL	Gas Oil Ratio
Well Status	Production Method		
	s/ Brian W. Davis		

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Cliff House	Log. Press. Flowg. ST	Exp. 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	Gas Gravity	Production Method
Cliff House	Log. Press. Flowg. ST	Exp. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold, leased for sale, vented, etc.)

to be sold

30. Summary of Porous Zones (Include A payers):

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
Point Lookout	5297'	6104'	(cont. from page 1) 6072, 74, 79, 80, 86, 88, 94, 97, 6102, 04 (total of 37 holes) 1JSPF	Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis	3255 3502 3595 3648 3874
Cliff House	5570'	5642'	5570, 72, 75, 77, 85, 86, 87, 5604, 05 06, 10, 11, 12, 13, 14, 18, 20, 24, 26, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42 (total of 30 holes) 1JSPF Size 0.34	Huerfano Bentonite Cliff House Menefee Point Lookout Mancos Gallup	Not logged 5390 5643 5922

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

1. Electric/Mechanical Logs (if not req'd) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Summary Notice for plugging and cement verification 6. Core Analysis 7. 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 (in case print) Vicki DonagheyTitle Production Assistant

Signature

Vicki DonagheyDate 04/26/02

ACCEPTED FOR RECORD

In Title 28 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.

APR 26 2002

Brian W. Davis