

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other		5. Lease Serial No. Jicarilla Contract 98	
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., Other		6. If Indian, Allottee or Tribe Name Jicarilla Apache	
2. Name of Operator ENERGEN RESOURCES CORPORATION		7. Unit or CA Agreement Name and No. 21940	
3. Address 2198 Bloomfield Highway, Farmington, NM 87401		8. Lease Name and Well No. Jicarilla 98 4A	
3a. Phone No. (include area code) 505-325-6800		9. API Well No. 30-039-26916	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1040' FNL, 1330' FWL At top prod. interval reported below At total depth		10. Field and Pool, or Exploratory Survey or Area Blanco Mesaverde	
14. Date Spudded 03/21/02		11. Sec., T., R., M., or Block and Survey or Area Sec. 19, T26N, R03W - N.M.P.M.	
15. Date T.D. Reached 03/30/02		12. County or Parish Rio Arriba	
16. Date Completed ☐ D & A ☒ Ready to Prod. 04/15/02		13. State NM	
18. Total Depth: MD TVD 6282'		17. Elevations (DF, RKB, RT, GL)* 7027'	
19. Plug Back T.D.: MD TVD ?????		20. Depth Bridge Plug Set: MD TVD	

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR/Temp/HRI:GR/Spec Den Dual Spaced Neutron		22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run ☒ No ☐ Yes (Submit report) Directional Survey? ☒ No ☐ 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
12-1/4"	9-5/8"	32.3#	0	234'		177 cu. ft.		surface	circulated
8-3/4"	7"	20#	0	4032'		1063 cu. ft.		surface	circulated
6-1/4"	4-1/2"	10.5#	3922'	6277'		343 cu. ft.		3922'	circulated

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"	5940'							

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	5756'	5982'	5756.60, 68.72, 76.	0.34	37	
B)			5812.14, 16.30, 56.58.			
C)			60.62, 64.66, 68.74, 76.			
D)			78.80, 82.84, 86.88.			

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.	
Depth Interval	Amount and Type of Material
5756' - 5982'	152,417 gals. 60Q foam slickwater & 140,000# 20/40 sand

28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
	04/22/02	7dy	→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
	910	920	→	Pitot-	1100				

28a. Production-Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	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	

RECEIVED
 APR 22 2002
 2198 BLOOMFIELD HWY
 FARMINGTON, NM 87401

Signature Wick Donaghey Name (please print) Wick Donaghey
Date 04/22/02 Title Production Assistant

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

33. Circle enclosed attachments:
1. Electrical/Mechanical Logs (1 full set req'd)
 2. Geologic Report
 3. DST Report
 4. Directional Survey
 5. Sundry Notice for plugging and cement verification
 6. Core Analysis
 7. Other

32. Additional remarks (include plugging procedure):

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Meas. Depth
Pointlookout	5756'	5982'	(cont. from page 1) 5890, 92, 94, 5902, 04, 06, 08, 20, 56, 60, 70, 79, 80 (total of 37 holes) 1JSPF	Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Huerfanto Bentonite Cliff House Menefee Point Lookout Mancos Gallup	3185 3400 3482 3690 3805 4145 5183 5742 5855

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

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

to be sold

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
Choke Size	Tbg. Press.	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
SI	Fwlg. Press.		←	←					

28b. Production - Interval C

28c. Production-Interval D