Form 3160-4
(August 1999)

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

5. Lease Serial No. NMNM10183A

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, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator: ENERGEN RESOURCES CORPORATION
Contact: VICKI DONAGHEY
E-Mail: vdonaghe@energen.com

8. Lease Name and Well No.: MEXICO FEDERAL R 1C

3. Address: 2198 BLOOMFIELD HIGHWAY, FARMINGTON, NM 87401
3a. Phone No. (include area code): Ph: 505.325.6800 Ext: 238

9. API Well No.: 30-045-31236-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: Sec 12 T31N R13W Mer NMP NWNE 660FNL 2265FEL
At top prod interval reported below
At total depth

10. Field and Pool, or Exploratory: BLANCO MV / BASIN DAKOTA

11. Sec., T., R., M., or Block and Survey or Area: Sec 12 T31N R13W Mer NMP

12. County or Parish: SAN JUAN
13. State: NM

14. Date Spudded: 01/18/2003
15. Date T.D. Reached: 02/02/2003
16. Date Completed: ☐ D & A ☒ Ready to Prod. 03/26/2003
17. Elevations (DF, KB, RT, GL)*: 5776 GL

18. Total Depth: MD 6910 TVD
19. Plug Back T.D.: MD 6861 TVD
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL CNL GR OTH TL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit analysis)

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
12.250	9.625	32.0	0	234		150		0	
8.750	7.000	23.0	0	3858		555		0	
6.250	4.500	12.0	3686	6910		245		3800	

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	6713							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	DAKOTA	6606	6761	6606 TO 6761	0.340	37	1 JSPF
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
6606 TO 6761	69,791 GALS DELTA 140 & 90,000# 20/40 SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/26/2003	04/01/2003	168	→	0.0	5.0	0.0			FLOWS FROM WELL
Choke Size	**Tbg. Press. Flwg.**	**Csg. Press.**	**24 Hr. Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas:Oil Ratio**	**Well Status**	
	SI 1280	1160.0	→		126			GSI	

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.**	**Csg. Press.**	**24 Hr. Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas:Oil Ratio**	**Well Status**	
	SI		→						

ACCEPTED FOR RECORD
APR 04 2003
FARMINGTON FIELD OFFICE
BY

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #20237 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

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. Rate	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. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*
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	0	278		OJO ALAMO	140
NACIMIENTO				KIRTLAND	230
KIRTLAND	278			FRUITLAND	1730
				PICTURED CLIFFS	2085
				MESAVERDE	2355
				CHACRA EQUIVALENT	2790
				CLIFF HOUSE	3610
				MENEFEE	3905
				POINT LOOKOUT	4450
				MANCOS	4800
				GALLUP	5769
				GREENHORN	6475
				DAKOTA	6540

32. Additional remarks (include plugging procedure):
NO REMARK PROVIDED

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:

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

Electronic Submission #20237 Verified by the BLM Well Information System.
For ENERGEN RESOURCES CORPORATION, sent to the Farmington
Committed to AFMSS for processing by Adrienne Garcia on 04/04/2003 (03AXG0957SE)

Name *(please print)* VICKI DONAGHEY Title PRODUCTION ASSISTANT

Signature (Electronic Submission) Date 04/03/2003

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 fradulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****