

Form 3160-4
(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

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. NMNM-048	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other		6. If Indian, Allottee or Tribe Name	
2. Name of Operator ENERGEN RESOURCES CORPORATION		7. Unit or CA Agreement Name and No.	
Contact: VICKI DONAGHEY E-Mail: vdonaghe@energen.com		8. Lease Name and Well No. CHENEY FEDERAL 3A	
3. Address 2198 BLOOMFIELD HIGHWAY FARMINGTON, NM 87401		9. API Well No. 30-039-27083	
3a. Phone No. (include area code) Ph: 505.325.6800 Ext: 238		10. Field and Pool, or Exploratory BLANCO MESAVERDE	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 17 T26N R02W Mer NMP At surface NWSE 2400FSL 1850FEL At top prod interval reported below At total depth		11. Sec., T., R., M., or Block and Survey or Area Sec 17 T26N R02W Mer NMP	
14. Date Spudded 02/01/2003		15. Date T.D. Reached 02/15/2003	
16. Date Completed ☐ D & A ☒ Ready to Prod. 03/10/2003		17. Elevations (DF, KB, RT, GL)* 7040 GL 7226' GL	
18. Total Depth: MD TVD 6150		19. Plug Back T.D.: MD TVD 6133	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) HRI/SP/GR/SPEC DEN/DUAL SPACED NEUTRON, MRIL,CBL	
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	230		150		0	
8.750	7.000	23.0	0	4074		880		0	
6.250	4.500	12.0	3961	6149		200		5190	

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	5942							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) POINT LOOKOUT	5818	5974	5818 TO 5974	0.040	40	1 JSPF
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5818 TO 5974	101,107 GALS 70Q FOAM SLICKWATER & 150,000# 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
03/10/2003	03/17/2003	188	→	0.0	26.0	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	610	1200.0	→		620			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
			→						ACCEPTED FOR RECORD
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #19790 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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3A

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	Tag. Press. Flwg. SI	Chg. 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	Tag. Press. Flwg. SI	Chg. 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
POINT LOOKOUT	5818	5974	5818, 20, 22, 24, 26, 27, 28, 29, 30, 3	OJO ALAMO	3190
POINT LOOKOUT	5818	5974	36, 38, 58, 60, 62, 64, 65, 66, 68, 70,	KIRTLAND	3478
POINT LOOKOUT	5818	5974	74, 76, 78, 80, 82, 84, 86, 88, 30, 32, 3	FRUITLAND	3492
POINT LOOKOUT	5818	5974	64, 66, 68, 70, 72, 74	PICTURED CLIFFS	3578
				LEWIS	3885
				HUERFANITO BENTONITE	4106
				CLIFF HOUSE	5274
				MENEPEE	5515
				POINT LOOKOUT	5795

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 #19790 Verified by the BLM Well Information System.
For ENERGEN RESOURCES CORPORATION, sent to the Rio Puerco
Committed to AFMSS for processing by Angie Medina-Jones on 03/20/2003 ()

Name (please print) VICKI DONAGHEY

Title PRODUCTION ASSISTANT

Signature (Electronic Submission)

Date 03/20/2003

ACCEPTED FOR RECORD

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.

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/s/ Brian W. Davis