

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMSF077972							
b. Type of Completion: <input type="checkbox"/> New Well <input checked="" type="checkbox"/> Work Over <input type="checkbox"/> Deepen Other <u>Add Basin Mancos</u>		6. If Indian, Allottee or Tribe Name							
2. Name of Operator ENERGEN RESOURCES CORPORATION		7. Unit or CA Agreement Name and No.							
3. Address 2010 Afton Place, Farmington, NM 87401		8. Lease Name and Well No. Richardson Gas Com B #1E							
3a. Phone No. (include area code) 505-325-6800		9. API Well No. 30-045-25534							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1625' ENL, 1575' FWL Sec. 11, T27N, R13W (F) SE/NW At top prod. interval reported below At total depth		10. Field and Pool, or Exploratory Basin Mancos							
14. Date Spudded 12/17/82		11. Sec., T., R., M., or Block and Survey or Area F Sec. 11, T27N, R13W NMEM							
15. Date T.D. Reached 12/26/82		12. County or Parish San Juan							
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 8/22/13		13. State NM							
17. Elevations (DF, RKB, RT, GL)* 5936' GL									
18. Total Depth: MD TVD 6204'		19. Plug Back T.D.: MD TVD 6160'							
20. Depth Bridge Plug Set: MD TVD									
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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
13-3/4"	9-5/8"	32.3/36		310'		392		surface	not known
7-7/8"	4-1/2"	11.6		6204'		1728		4638' CBL	not known
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"	5884'								
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Basin Mancos	5130'	5897'	5330'-60', 5370'-80',	.38"	225	3 spf			
B)			5415'-40', 5460'-70'						
C)			5160'-70', 5204'-16',	.38"	135	3 spf			
D)			5232'-55'						
26. Perforation Record									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval	Amount and Type of Material								
5330'-60', 5370'-80'	1000 gal of 15% HCL, 22260 gal of 70Q -20# X-link, 4567# of 100 mesh, 77751#								
5415'-40', 5460'-70'	of 20/40 sand								
5160'-70', 5204'-16',	1000 gal of 15% HCL, 26200 gal of 70Q -20#X-Link, 5074# of 100 mesh, 97974#								
5232'-55'	of 20/40 sand								
28. Production - Interval A									
Date First Produced 09/13/13	Test Date 8/25/13	Hours Tested 1	Test Production →	Oil BBL trace	Gas MCF 0	Water BBL 7	Oil Gravity Corr. API	Gas Gravity	Production Method flowing
Choke Size 20/64"	Tbg. Press. Flwg. SI n/a	Csg. Press. 300	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
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	

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

NMOCD

ACCEPTED FOR RECORD

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FARMINGTON FIELD OFFICE

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	Not on logs
				Kirtland	Not on logs
				Fruitland	860'
				Pictured Cliffs	1380'
				Lewis Shale	1500'
				Cliff House	2285'
				Menefee	2976'
				Point Lookout	3930'
				Mancos	4210'
				Gallup	5130'
				Greenhorn	5898'
				Graneros Dakota	6012'
				Main Dakota	6093'

32. Additional remarks (include plugging procedure):

Correction: TD was reached on 12/26/82.

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 StottsTitle Regulatory AnalystSignature Date 09/13/13

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.