N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AMENDED

FORM APROVED
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
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., ☐ Other

2. Name of Operator
DEVON ENERGY PRODUCTION COMPANY, LP

3. Address
20 North Broadway, Ste 1500
Oklahoma City, OK 73102-8260

3a. Phone No. (include area code)
405-552-8198

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At Surface
J 1980 FSL 1980 FEL
At top prod. Interval reported below
At total Depth

5. Lease Serial No.
NMNM97910

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NM 112744X

8 Lease Name and Well No.
Arena Roja Federal 1

9. API Well No.
30-025-37257 S1

10. Field and Pool, or Exploratory
~~**Undesignated; Penn**~~ Arena Roja Strawn South (Gas)

11. Sec, T., R., M., on Block and Survey or Area
27 26S 35E

12. County or Parish **Lea** 13. State **NM**

14. Date Spudded: **8/25/2005**
15. Date T.D. Reached: **12/6/2005**
16. Date Completed: **5/22/2006** ☐ D & A ☑ Ready to Prod.
17. Elevations (DR, RKB, RT, GL)*: **3065' GL**

18. Total Depth: MD **16,748'** TVD
19. Plug Back T.D.: MD **15,366'** TVI
20. Depth Bridge Plug Set: MD TVI

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
HRLA / TLD/CNL

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)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8/ST&C	48#	0	1058'		700 sx Poz C: tail w/ 300 sx Cl C		0	
12 1/4"	9 5/8/P-110	40#	0	5150'		1318 sx 50:50; tail w/ 300 sx 60/40 Poz C		0	
8 3/4"	7 5/8/P-110	39#	0	13,340'		635 sx 50:50; tail w/ 495 15:61 Poz C			
6 1/2"	5"	23.2#	13,038"	16,744'		475 sx Cl H			

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"	14,247'	14,232'	5"		14,258'	5"		

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Undesignated; Penn	15,512'	15,778'	15,512-15,778'		32	Below CIBP
Undesignated; Penn	14,974'	15,332'	14,974-15,332'		49	Below CIBP
Undesignated; Penn	14,300'	14,714'	14,300-14,714'		40	Producing

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

Depth Interval	Amount and Type of Material
15,512-15,778'	Acidize w/ 4000 gallons 15% HCl; Frac w/ 65,313 gal Medallion and 100,000# 18/40 Ultraprop
14,974-15,332'	Acidize w/ 5000 gallons 15% HCl; Frac w/ 84,407 gal Medallion and 130,000# 18/40 Ultraprop
14,300-14,714'	Acidize w/ 4500 gallons 15% HCl; Frac w/ 63,668 gal Medallion and 149,751# 18/40 Ultraprop

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
1/31/2006	6/19/2006	24	→	106	1855	17			Flowing
Choke Size	Tbg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
11/64	3500	0	→	106	1855	17	17,500	Producing Gas Well	

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

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

Received
AUG 07 2006

ACCEPTED FOR RECORD
AUG 11 2006
acs
ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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	
			→						

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

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

Sold

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
				Rustler	**946**
				T/Salt	**1100**
				B/Salt	**4786**
				Delaware	**5156**
				Bone Spring	**9284**
				1st Bone Spring sd	**10168**
				2nd Bone Spring sd	**11080**
				3rd Bone Spring sd	**12021**
				Wolfcamp	**12120**
				Strawn	**14297**
				Atoka Clastics	**15181**
				M Morrow Clastics	**16222**

Additional remarks (include plugging procedure):

1/20/06 - 5/22/06

RU. Perforate 1st of 3 intervals for a 3-stage frac; 15,512-15,778'; 33 holes. Acidize the stage with 4000 gallons 15% HCl. Frac with 65,313 gallons Medallion with 100,00# 18/40 Ultraprop. RIH with composite plug and set at 15,480'. Test plug to 10,000 psi - held good.

Perforate stage 2; 14974-15332'; 49 holes. Acidize with 5000 gallons; frac with 84,407 gallons Medallion & 130,000# 18/40 Ultraprop. Lost setting tool, GR, CCL, and weight bars; could not recover; TOF at 15,449'. [redacted]

2/19/06 Opened well and the well flowed as follows: 2/19/06 8 BO, 463 BW, 1391 MCF; 2/20/06 5 BO, 620 BW, 1374 MCF in 24 hrs; 2/21/06 5 BO, 521 BW, 1483 MCF in 24 hrs; 2/22/06 8 BO, 488 BW, 1449 MCF in 24 hrs; 2/23/06 7 BO, 316 BW, 1274 MCF in 24 hrs. Due to the large volume of water produced and the economic factor of trucking the water out of the area, a CIBP was set and will be removed once a Salt Water Disposal system has been established.

[redacted] Composite plug will be. Perforate stage 3; 14,300' - 14,714'; 40 holes. Acidize with 4500 gallons 15% HCl. Frac stage 3 with 32,000 gallons Medallion and 42,751 # Ultraprop 18/40. Well screened out. Re-frac well with 31,668 gallons Medallion and 107,000 # Ultraprop 18/40.

RIH with packer and plug on wireline and set at 14,258'. POOH with top plug. Turned to sales.

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

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) Norvella Adams Title Sr. Staff Engineering Technician

Signature Date 8/10/2006

18 U.S.C Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowlingly 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.