

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-104
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator Name and Address Devon Energy Operating Corporation (DEOC) 20 N. Broadway, Suite 1500 Oklahoma City, Oklahoma 73102		² OGRID Number 136025
		³ Reason for Filing Code NW
⁴ API Number 30-015-27353	⁵ Pool Name GRAYBURG JACKSON SR-Q-G-SA	⁶ Pool Code 28509
⁷ Property Code LC-029426-B-15972	⁸ Property Name H. E. West "B"	⁹ Well Number 56

II "Surface Location"

UI or lot no. N	Section 3	Township 17S	Range 31E	Lot.Idn	Feet from the 1205	North/South Line S	Feet from the 2530	East/West Line W	County EDDY CO., NM
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"Bottom Hole Location"

UI or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
22628	Texas-New Mexico Pipeline P. O. Box 2528 Hobbs, New Mexico 88241	2806430 2306810	O	Part ID-2 4-21-95 Comp & BK
5097	Conoco, Inc. 1406 N. West County Road Hobbs, New Mexico 88240	2806431 2306830	G	
				RECEIVED
				MAR 29 1995
				OIL CON. DIV.
				DIST. 2

IV. Produced Water

²³ POD 2806432	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date 9/23/94	²⁶ Ready Date 2/14/95	²⁷ TD 4385'	²⁸ PBSD 4135'	²⁹ Perforations 4151'-4192', 3901'-4057', 3685'-3859', 3317'-3559'
³⁰ Hole Size 12 1/4"	³¹ Casing & Tubing Size 8 5/8" 2 7/8"	³² Depth Set 647	³³ Sacks Cement 165 sxs Lite Poz/Class "C" + 200 sxs Class "C"	
7 7/8"	5 1/2" 2 7/8"	4384'	870 sxs Lite Poz/Class "C" + 430 sxs Class "C"	

VI. Well Test Data

³⁴ Date New Oil 2/14/95	³⁵ Gas Delivery Date	³⁶ Test Date 2/17/95	³⁷ Test Length 24 hours	³⁸ Tbg. Pressure N/A	³⁹ Csg. Pressure 40
⁴⁰ Choke Size N/A	⁴¹ Oil 43	⁴² Water 164	⁴³ Gas 0	⁴⁴ AOF	⁴⁵ Test Method

"I hereby certify that the rules of the Oil Conservation division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: Karen Rosa

Printed Name: Karen Rosa

Title: Engineering Technician

Date: 3/28/95

Phone: (405) 552-4527

OIL CONSERVATION DIVISION

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT SUPERVISOR

Approved by:

Title:

Approval Date:

APR 4 1995

" If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FORM APPROVED

CLSF

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 ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other ☐

2. NAME OF OPERATOR
DEVON ENERGY OPERATING CORPORATION

3. ADDRESS AND TELEPHONE NO.
20 N. BROADWAY, SUITE 1500, OKC, OK 73102-8260 (405) 235-3611

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1205' FSL & 2530' FWL
At top prod. interval reported below (SAME)
At total depth (SAME)

5. LEASE DESIGNATION AND SERIAL NO.
LC-029426-B
6. IF INDIAN LAND, STATE OR TRIBE NAME
NA OIL COMMISSION
7. WELL IDENTIFICATION NAME
Artesia, NM 88210
8. FARM OR LEASE NAME, WELL NO.
H. E. WEST B #56
9. API WELL NO.
30-015-27353
10. FIELD AND POOL, OR WILDCAT
Grayburg-Jackson
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 3-T17S-R31E

14. PERMIT NO. DATE ISSUED 12. COUNTY OR PARISH Eddy Co 13. STATE NM
15. DATE SPUDDED 9/23/94 16. DATE T.D. REACHED 9/29/94 17. DATE COMPL. (Ready to prod.) 2/14/95 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3944' GR 19. ELEV. CASINGHEAD 3944'
20. TOTAL DEPTH, MD & TVD 4385' 21. PLUG, BACK T.D., MD & TVD 4135' 22. IF MULTIPLE COMPL., HOW MANY* No 23. INTERVALS DRILLED BY X 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* Slaughter 4151'-4192', Lower and Middle Jackson 3901'-4057', Lovington & Middle Jackson 3685'-3859', Grayburg 3317'-3559' 25. WAS DIRECTIONAL SURVEY MADE Yes
26. TYPE ELECTRIC AND OTHER LOGS RUN DL/Micro-SFL, CN/LD, CEL, Completion Record 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8" J-55	24	647'	12 1/4	Surf 165 sxs Lite Poz/Class "C" + 200 sxs Class "C"	None
5 1/2" J-55	15.5	4384'	7 7/8"	Surf 870 sxs Lite Poz/Class "C" + 430 sxs Class "C"	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	3914'	NA

31. PERFORATION RECORD (Interval, size and number)		ACID SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
4151'-4192'	Acidized w/2075 gals 15% HCl acid.		
3901'-4057'	Acidized w/ 4000 gals 15% HCl acid. Frac'd w/31,000 gals gel + 50,000# 20/40 Brady sand + 18,000# RC sand.		
3685'-3859'	Acidized w/3200 gals 15% HCl acid. Frac'd w/16,400		

33.* PRODUCTION
DATE FIRST PRODUCTION 2/14/95 PRODUCTIONS METHOD 1 (Flowing, gas lift, pumping, etc.) Pumping 2 1/2" x 2" x 16' pump WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 2/17/95 HOURS TESTED 24 CHOKE SIZE NA PROD'N FOR TEST PERIOD OIL-BBL. 43 GAS-MCF. 0 WATER-BBL. 164 GAS-OIL RATIO
FLOW. TUBING PRESS. On pump CASING PRESSURE 40 CALCULATED 24-HOUR RATE OIL-BBL. 43 GAS-MCF. 0 WATER-BBL. 164 OIL GRAVITY-API (CORR.) 37

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold TEST WITNESSED BY Richard Frazee

35. LIST OF ATTACHMENTS
Deviation survey & logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Karen Rosa

ACCEPTED FOR RECORD
J. Lara
5 1995
CARLSBAD NEW MEXICO
ENGINEERING TECHNICIAN

DATE 3/27/95

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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.

37. SUMMARY OF POROUS ZONES: (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):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	595	740	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.. (continued from the front)			
Salado	740	1755				
Tansill	1755	1908				
Yates	1908	2219				
Seven Rivers	2219	2839				
Queen	2839	3254				
(Artesia)						
Grayburg	3254	3562				
San Andres	3562	4385				
			DEPTH			
			gals gel + 26,000# Brady sand + 9000# RC sand. Acidized w/2000 gals 15% HCl acid. Frac'd w/ 8750 gals gel + 23,000# Brady sand. Screened out.			
			3317'-3559'			

Deviation surveys taken on Socorro Petroleum Company's West "B" #56 well in Eddy County, New Mexico:

<u>Depth</u>	<u>Degree</u>
221	.50
470	.75
626	.75
1155	.75
1651	1.25
1786	1.75
2036	.75
2533	.75
3033	.75
3531	.50
3747	.25
4216	.50
4385	.25

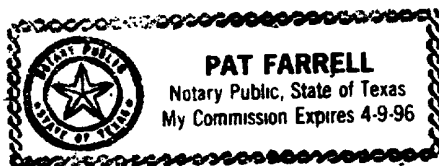
I hereby certify that I have personal knowledge of the facts placed on this sheet and that such information given above is true and complete.

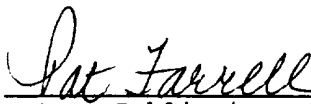

Norton Drilling Company

Before me, the undersigned authority, on this day personally appeared Jay Norton, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is the drilling contractor of the well identified in this instrument and that such well was not intentionally deviated from the vertical whatsoever.


Jay Norton

SWORN AND SUBSCRIBED TO before me this 5th day of October 1994.




Notary Public in and for
Lubbock County, Texas.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONS COMMISSION

Drawer DD

Artesia, NM 88210
FORM APPROVED

Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

DEVON ENERGY OPERATING CORPORATION

3. Address and Telephone No.

20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405)562-4527

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1205' FSL & 2530' FWL, Unit N, Sec. 3-T17S-R31E

5. Lease Designation and Serial No.

LC-029426-B

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

H. E. WEST "B" #56

9. API Well No.

30-015-27353

10. Field and Pool, or Exploratory Area

Grayburg-Jackson

11. County or Parish, State

Eddy Co., NM

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Perf'd, acidized and frac'd

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On 1/3/95, we perf'd the Slaughter zone 4151'-4192' (12 holes). The zone was acidized w/2075 gals 15% HCl acid.

On 1/7/95, we perf'd the M. & L. Jackson 3901'-4057'. The perms were acidized w/4000 gals 15% HCl acid. The zone was frac'd w/31,000 gals YF-130 gel + 50,000# 20/40 Brady sand + 18,000# 20/40 resin coated sand.

On 1/26/95, we perf'd the Lovington and M. Jackson 3685'-3859' (18 - .40" holes). The zone was acidized w/3200 gals 15% HCl acid. We frac'd using 16,400 gals Vik ID30 gel + 26,000# 20/40 Brady sand + 9,000# resin coated sand.

On 2/7/95, we perf'd the Grayburg zone 3317'-3559' (20 - .45" holes). The perms were acidized w/2000 gals 15% HCl acid. The formation was frac'd w/8750 gals Vik I-30 gel + 23,000# 20/40 Brady sand. Screened out.

14. I hereby certify that the foregoing is true and correct

Signed Karen Rosa

Title

KAREN ROSA
ENGINEERING TECHNICIAN

Date 3/2/95

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

ACCEPTED FOR RECORD

5 1995

Date

MAR 03 1995

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*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM CONS COMMISSION
Drawer DD
Artesia, NM 88210

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
DEVON ENERGY OPERATING CORPORATION

3. Address and Telephone No.
20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405)652-1530

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1205' FSL & 2530' FWL, Sec. 3-T17S-R35E (Unit N, SE SW)
R31E

5. Lease Designation and Serial No.
LC 029426B

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
H.E.
WEST "B" #56

9. API Well No.
30-015-27353

10. Field and Pool, or Exploratory Area
GRAYBURG-JACKSON

11. County or Parish, State
EDDY CO., NEW MEXICO

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other TD'd & ran production casing
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well TD @ 4385' on 9/29/94.

Ran 5-1/2" csg as follows:

1-jt 5 1/2" 15.5" csg

1- 5 1/2" float collar @ 4346'

103 jts 5 1/2" 15.5# J-55 LT&C csg

Cmtd csg as follows:

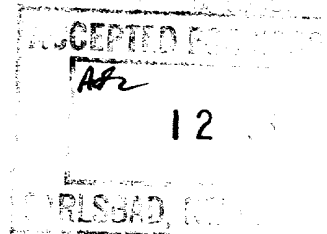
870 sx 35/65 POZ+ 6% D20+ 10% D44 (BWOW) + 1/4 lb/sk D29

Slurry weight = 12.7 ppg Slurry yield = 2.01 cft/sx

430 sk Class C + 5% D44 (BWOC) + 0.3% D59 + 1/4 lb/sk D29

Slurry weight = 14.8 ppg Slurry yield = 1.36 cft/sx

Circulated 162 sx cmt to surface



14. I hereby certify that the foregoing is true and correct

Signed Jo Ann Hooks
(This space for Federal or State office use)

Title JO ANN HOOKS
ENGINEERING TECHNICIAN

Date 10/20/94

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
LC 029426B

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
WEST "B" #56

9. API Well No.

10. Field and Pool, or Exploratory Area
GRAYBURG-JACKSON

11. County or Parish, State
EDDY CO., NEW MEXICO

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
DEVON ENERGY OPERATING CORPORATION

3. Address and Telephone No.
20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1205' FSL & 2530' FWL, SEC. 3-T17S-R31E

OCT 19 '94

O. C. D.
ARTESIA, OFFICE

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Spud new well & ran surface casing
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well spud on 9-23-94 at 1530 hrs. Ran 8-5/8" surface csg as follows:
2 jts 8 5/8", 24 ppf, j-55, STC csg
Float collar @ 581'
14 jts 8 5/8", 24 ppf, J-55, STC csg
Cmtd csg as follows:
165 sx 35/65 (Lite POZ; Class "C") + 6% D20
+ 2% CaCl + 1/4 lb/sk D29
Slurry weight = 12.7 ppg Slurry yield = 1.93 cft/sx
200 sx Class "C" + 2% CaCl
Slurry weight = 14.8 ppg Slurry yield = 1.32 cft/sx
Circulated 108 sx to pit

14. I hereby certify that the foregoing is true and correct

Signed Jo Ann Hooks
(This space for Federal or State office use)

JO ANN HOOKS
Title **ENGINEERING TECHNICIAN**

Date **SEPTEMBER 26, 1994**

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

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*See instruction on Reverse Side