

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 30-015-28314	⁵ Pool Name GRAYBURG JACKSON SR-Q-G-SA	⁶ Pool Code 28509
⁷ Property Code 15972	⁸ Property Name H. E. West "B"	⁹ Well Number 77

II Surface Location

UI or lot no. M	Section 4	Township 17S	Range 31E	Lot.Idn	Feet from the 111'	North/South Line S	Feet from the 1210	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	2307810	O	Part I D-2 1-26-96 Camp & BLS
5097	Conoco, Inc. 1406 N. West County Road Hobbs, New Mexico 88240	2307830	G	
				RECEIVED
				JAN 10 1996
				OIL CON. DIV.

IV. Produced Water

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

²⁵ Spud Date 10/26/95	²⁶ Ready Date 12/10/95	²⁷ TD 4330'	²⁸ PBSD 4284'	²⁹ Perforations 3935'-4056', 3447'-3841', 3110'-3380'
³⁰ Hole Size 12 1/4"	³¹ Casing & Tubing Size 8 5/8" J-55	³² Depth Set 556'	³³ Sacks Cement 200 sx POZ "C" + 200 sx Class "C"	
7 7/8"	5 1/2" J-55	4329'	850 sx POZ "C" + 375 sx Class "H"	

VI. Well Test Data

³⁴ Date New Oil 12/11/95	³⁵ Gas Delivery Date	³⁶ Test Date 12/15/95	³⁷ Test Length 24 hrs.	³⁸ Tbg. Pressure N/A	³⁹ Csg. Pressure 40
⁴⁰ Choke Size N/A	⁴¹ Oil 103	⁴² Water 348	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 Byers

Printed Name: Karen Byers

Title: Engineering Technician

Date: 1/8/96

Phone: (405) 552-4527

OIL CONSERVATION DIVISION

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Approved by:

Title:

Approval Date:

JAN 18 1996

⁴⁶ 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

(See other instructions on reverse side)

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 111' FSL & 1210' FWL, Unit M

At top prod. interval reported below (SAME)

At total depth (SAME)

5. LEASE DESIGNATION AND SERIAL NO.
LC-029426-B6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A7. UNIT AGREEMENT NAME
N/A8. FARM OR LEASE NAME, WELL NO.
H. E. West "B" #779. API WELL NO.
30-015-2831410. FIELD AND POOL, OR WILDCAT
Grayburg Jackson (QN, SR, GB, SA)11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 4-17S-31E

14. PERMIT NO.

DATE ISSUED
1/19/9512. COUNTY OR PARISH
Eddy County13. STATE
NM15. DATE SPUDDED
10/26/9516. DATE T.D. REACHED
11/2/9517. DATE COMPL. (Ready to prod.)
12/10/9518. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
3889' GR19. ELEV. CASINGHEAD
3889'20. TOTAL DEPTH, MD & TVD
4330'21. PLUG, BACK T.D., MD & TVD
4284'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS
DRILLED BY
→ROTARY TOOLS
X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Slaughter 3935'-4056'; San Andres - Lower Jackson 3447'-3841'; Grayburg - Premier 3110'-3380'25. WAS DIRECTIONAL SURVEY
MADE
Yes26. TYPE ELECTRIC AND OTHER LOGS RUN
DLL/MSFL; CN/LD; CBL27. 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	556'	12 1/4"	Surf, 200 sx POZ "C" + 200 sx Class "C"	None
5 1/2" J-55	15.50	4329'	7 7/8"	Surf, 850 sx POZ "C" + 375 sx Class "H"	None

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	4095'	None

31. PERFORATION RECORD (Interval, size and number)

Slaughter 3935'-4056' (26-.40" holes)
San Andres - Lower Jackson 3447'-3841' (25-.40" holes)
Grayburg - Premier 3110'-3380' (14-.40" holes)RECEIVED
FEB 20 1996

32. ACID SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3935'-4056'	Acidized w/5000 gals 15% HCl acid. Frac'd w/18,500 gals Spectra Frac + 51,000# 16/30 Brady sand + 16,000# 16/30 resin coated sand.
3447'-3841'	Acidized w/6000 gals 15% HCl acid.

33.*

PRODUCTION

DATE FIRST PRODUCTION 12/11/95		PRODUCTIONS METHOD I(Flowing, gas lift, pumping—also and type of pump) Pumping 2 1/2" x 2" x 10 Pump					WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 12/15/95	HOURS TESTED 24	CHOKE SIZE N/A	PROD'N FOR TEST PERIOD →	OIL-BBL. 103	GAS-MCF. 0	WATER-BBL. 348	GAS-OIL RATIO N/A	
FLOW. TUBING PRESS. N/A	CASING PRESSURE 40	CALCULATED 24-HOUR RATE →	OIL-BBL. 103	GAS-MCF. 0	WATER-BBL. 348	OIL GRAVITY-API (CORR.) 37		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY
Richard Frazee35. 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 ByersKAREN BYERS
TITLE ENGINEERING TECHNICIANDATE 1/8/96

*(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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	475	620	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.. (continued from the front)			
Salado	620	1590				
Tansill	1590	1745				
Yates	1745	2052				
Seven Rivers	2052	2666				
Queen (Artesia)	2666	3090				
Grayburg	3090	3390				
San Andres	3390	4330 (TD)				
		DEPTH				
		3447'-3689'	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.. (continued from the front)			
			Spearhead 1000 gals acid ahead of frac. Frac'd w/11,900 gals Spectra Frac 3000 + 14,500# Brady sand.			
		3447'-3689'	Acidized w/1500 gals 15% HCl acid.			
		3110'-3380'	Acidized w/3000 gals 15% HCl acid.			
		3110'-3690'	Frac'd w/3000 gals Aqua Frac + 4000# 100 mesh RC sand + 32,000 gals Spectra Frac + 55,000# 20/40 Brady sand + 66,000# 16/30 Brady sand.			

Deviation surveys taken on Devon Energy Operating Corporation's West "B"
77 well in Eddy County, New Mexico:

<u>Depth</u>	<u>Degree</u>
256	2.50
519	1.75
1038	1.75
1507	2.25
2002	3.00
2501	2.25
3001	2.00
3063	2.00
3558	2.00
4055	1.00
4330	1.00

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 John W. 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.


John W. Norton

SWORN AND SUBSCRIBED TO before me this 7th day of November 1995.

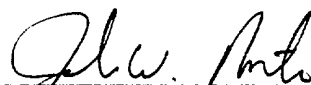



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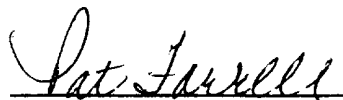

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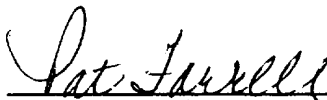
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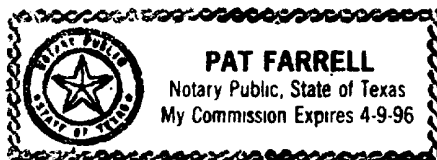
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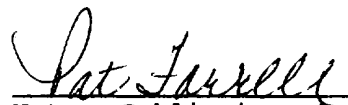
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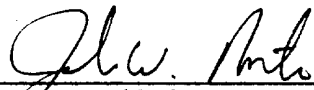


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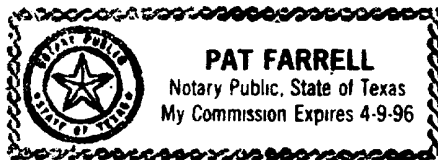
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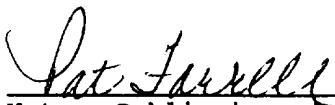

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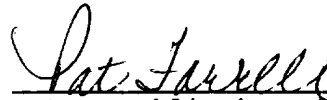

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