

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FORM APPROVED

c/sf

N.M. Oil Cons. Division

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐  
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF RESVR ☐ 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 1680' FSL & 2650' FWL, Unit J

At top prod. interval reported below (SAME)

At total depth (SAME)

5. LEASE DESIGNATION AND SERIAL NO.: LC-060409  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A  
7. UNIT AGREEMENT NAME: N/A  
8. FARM OR LEASE NAME, WELL NO.: Friess Federal #4  
9. API WELL NO.: 30-015-28856  
10. FIELD AND POOL, OR WILDCAT: Grayburg Jackson  
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 19-17S-31E

14. PERMIT NO.: 15. DATE SPUDDED: 5/29/96 16. DATE T.D. REACHED: 6/6/96 17. DATE COMPL. (Ready to prod.): 7/6/96 18. ELEVATIONS (DF, RKB, RT, GR, ETC.): 3598' GR 19. ELEV. CASINGHEAD: 3598'

20. TOTAL DEPTH, MD & TVD: 3720' 21. PLUG, BACK T.D., MD & TVD: 3672' 22. IF MULTIPLE COMPL., HOW MANY\*: 23. INTERVALS DRILLED BY: 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)\*: Grayburg, Vacuum & Lovington 2734'-3322'

25. WAS DIRECTIONAL SURVEY MADE: No 26. TYPE ELECTRIC AND OTHER LOGS RUN: DLL/Micro SFL/GR; CN/LD/GR; RAL 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	390'	12 1/4"	Surf, 175 sx PSL "C" + 200 sx Class "C"	None
5 1/2" J-55	15.5	3719'	7 7/8"	Surf, 1050 sx PSL "C" + 300 sx Class "H"	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"	3398'	None

31. PERFORATION RECORD (Interval, size and number)		32. ACID SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Grayburg Vacuum & Lovington 2734'-3322' (36-.40" holes)		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		3207'-3322'	Acidized w/2000 gals 15% HCl acid.
		2734'-3139'	Acidized w/3000 gals 15% HCl acid.
		2734'-3322'	Frac'd w/75,000 gals Spectra Frac + 190,000# 16/30 Brady sand + 96,000# 12/20 Brady sand.

33. PRODUCTION							
DATE FIRST PRODUCTION: 7/5/96		PRODUCTIONS METHOD I (Flowing, gas lift, pumping—size and type of pump): Pumping 2 1/2" x 2" x 16' RSTC pump				WELL STATUS (Producing or shut-in): Producing	
DATE OF TEST: 7/8/96	HOURS TESTED: 24	CHOKE SIZE: N/A	PROD'N FOR TEST PERIOD: 147	OIL-BBL.: 147	GAS-MCF.: 0	WATER-BBL.: 208	GAS-OIL RATIO: N/A
FLOW. TUBING PRESS.: N/A	CASING PRESSURE: 40	CALCULATED 24-HOUR RATE: 147	OIL-BBL.: 147	GAS-MCF.: 0	WATER-BBL.: 208	OIL GRAVITY-API (CORR.): 37°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): TEST WITNESSED BY: Don Owings

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 Byers

TITLE: KAREN BYERS ENGINEERING TECHNICIAN

DATE: 7/25/96

ACCEPTED FOR RECORD  
JUL 28 1996  
BLM

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	370	486				
Salado	486	1218				
Tansill	1218	1374				
Yates	1374	1710				
Seven Rivers	1710	2335				
Queen (Artesia)	2335	2726				
Grayburg	2726	3144				
San Andres	3144	3720 (TD)				
		DEPTH	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.. (continued from the front)			

Deviation surveys taken on Devon Energy Operating Corporation's Friess Fed #4 well in Eddy County, New Mexico:

<u>Depth</u>	<u>Degree</u>
394	1.75
863	1.50
1356	3.00
1605	2.25
2100	2.75
2568	4.00
2692	4.00
2847	4.00
2967	4.50
3092	4.00
3185	3.75
3342	4.00
3466	3.75
3560	3.25
3693	3.75

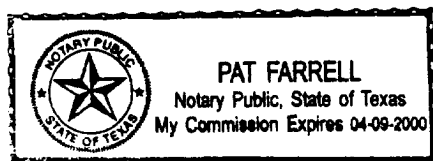
I hereby certify that I have personal knowledge of the facts placed on this sheet and that such information given above is true and complete.

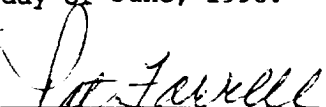
  
\_\_\_\_\_  
Norton Drilling Company

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 11th day of June, 1996.



  
\_\_\_\_\_  
Notary Public in and for  
Lubbock County, Texas

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONSERVATION DIV  
811 S. 1st ST.  
ARTESIA, NM 88210-2834

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

C/SF

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 73102-7345

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1680' FSL & 2650' FWL, Sec. 19-17S-31E

RECEIVED

JUL 11 1996

OIL CON. DIV.

5. Lease Designation and Serial No.  
LC-060409

6. If Indian, Allottee or Tribe Name  
N/A

7. If Unit or CA, Agreement Designation  
N/A

8. Well Name and No.  
Friess Federal #4

9. API Well No.  
30-015-28856

10. Field and Pool, or Exploratory Area  
Grayburg Jackson

11. County or Parish, State  
Eddy County, NM

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 type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Spud, TD'd & set csg	<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.)\*

Spud well @ 2:30 p.m., 5/29/96.

Ran surface csg as follows: 9 jts 8 5/8", 24#, J-55, ST&C, 373.93'. Guide shoe @ 390'.

Cemented csg as follows: Lead - 175 sx PSL "C" + 6% gel + 1/4 lb/sk celloseal + 2% CaCl<sub>2</sub>, (wt 12.7 ppg, yield 1.93 cft/sk). Tail - 200 sx Class "C" + 2% CaCl<sub>2</sub>, (wt 14.8 ppg, yield 1.32 cft/sk).

Circ'd cmt to surface.

Reached TD of 3720' on 6/6/96.

Ran production csg as follows: 87 jts, 5 1/2", 15.50#, J-55, LT&C. Float shoe @ 3719', float collar @ 3672'. Top - 71 jts, 3310.10'; middle - 1 jt, 1559'; bottom - 9 jts, 394.32'.

Cemented csg as follows: Lead - 1050 sx PSL "C" + 4% gel + 5% salt + 1/4 lb/sk celloseal, (wt 13 ppg, yield 1.76 cft/sk). Tail - 300 sx Class "H" + 10% Gypsum + 1/4 lb/sk celloseal, (wt 14.5 ppg, yield 1.52 cft/sk). Circ'd cmt to surface.

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

Signed Karen Byers  
(This space for Federal or State office use)

KAREN BYERS  
Title ENGINEERING TECHNICIAN

Date 06/21/96

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

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.

\*See Instruction on Reverse Side