

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

N.M. Oil Cons. DIVISION

16 N. French Dr.

Hobbs, NM 88240

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. RESVR ☐ Other ☐

2. NAME OF OPERATOR

DEVON ENERGY PRODUCTION COMPANY, L.P.

3. ADDRESS AND TELEPHONE NO.

20 N. BROADWAY, SUITE 1100, OKC, OK 73102-8260 (405) 228-7512

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1980' FSL & 660' FWL, Unit L

At top prod. interval reported below

At total depth

NAME, RESERVATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Tomcat 21 Federal #8

9. API WELL NO.

30-025-35526

10. FIELD AND POOL, OR WILDCAT

Southwest Diamondtail Delaware

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec 21-23S-32E

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

Lea

13. STATE

NM

15. DATE SPUDDED 6/21/01	16. DATE T.D. REACHED 7/9/01	17. DATE COMPL. (Ready to prod.) 8/5/01	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3673' GR	19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 8675'	21. PLUG, BACK T.D., MD & TVD 8633'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	24. ROTARY TOOLS X
25. WAS DIRECTIONAL SURVEY MADE Yes				26. TYPE ELECTRIC AND OTHER LOGS RUN Platform Express, array Induction Tool, Triple Detector Litho-Density, Compensated Neutron
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
13 3/8" H-40	48#, 54.5#	687'	17 1/2"	Surf; 300sx 250sx 166sx pit	
8 5/8" S-80, J-55	32#	4817'	11"	Surf; 1000sx, 200sx 160 sx pit	
5 1/2" J55, N80	17#	8675'	7 7/8"	400sx, 385sx, TOC 4730	

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"	8506'	

31. PERFORATION RECORD (Interval, size and number)

8498' - 8502' 2 SPF 8 holes
8478' - 8494' 2 SPF 32 holes
7408' - 7428' 2 SPF 40 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8498' - 8502'	
8478' - 8494'	
7408' - 7428'	Acidized w/2000 gal 7 1/2% NeFe

33.* PRODUCTION

DATE FIRST PRODUCTION 8/11/01	PRODUCTIONS METHOD 1 (Flowing, gas lift, pumping—size and type of pump) 2 1/2" X 1 1/2" pump				WELL STATUS (Producing or shut-in) Producing		
DATE OF TEST 8/21/01	HOURS TESTED 24	CHOKE SIZE 10	PROD'N FOR TEST PERIOD →	OIL-BBL. 31	GAS-MCF. 33	WATER-BBL. 174	GAS-OIL RATIO 1.065
FLOW. TUBING PRESS. 200	CASING PRESSURE 50	CALCULATED 24-HOUR RATE →	OIL-BBL. 31	GAS-MCF. 33	WATER-BBL. 174		GAS-OIL RATIO 1.065
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) sold				TEST WITNESSED BY Jim Linsley		FEB 13 2002	
35. LIST OF ATTACHMENTS Logs, Deviation survey, completion sundry,							

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

SIGNED

KAREN COTTOM

TITLE ENGINEERING TECHNICIAN

DATE February 8, 2002

KAREN COTTOM
PETROLEUM ENGINEER

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

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U.S. DEPARTMENT OF JUSTICE

10mcat 21 Federal #6, 30-025-35320, 10M-60133

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
Delaware	4801'	8646'		Rustler	1162'	
Bone Spring	8646'	8675'		Salado	1292'	
			Base Salado	4556'		
			Delaware	4801'		
			Bone Springs	8646'		
		DEPTH	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.. (continued from the front)			
		8478' - 8502'	26,000 gal SFG-3000 gel, 61,340# 16/30 sd, 12,000# RC 16/30 Flush w/8198 gal 2 % KCL slick water			
		7408' - 7428'	25,000# 16/30, 17,000 gal SFG-3000			

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