

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Atoka, NM 87001
OMB NO. 1004-0137

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

NM-18219

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Burton Flat Deep Unit

8. FARM OR LEASE NAME, WELL NO.

Burton Flat Deep Unit #41

9. API WELL NO.

30-015-27800

10. FIELD AND POOL OR WILDCAT

Atoka

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

27-T20S-R28E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

12. TYPE OF WELL:

OIL

WELL ☐

GAS

WELL ☒DRY ☐

Other

13. TYPE OF COMPLETION:

NEW

WELL ☒

WORK

OVER ☐

DEEP

EN ☐

PLUG

BACK ☐

DIFF.

REGRV. ☐

Other

2. NAME OF OPERATOR

General Atlantic Resources, Inc. ✓

3. ADDRESS AND TELEPHONE NO.

410-17th Street, Suite 1400 Denver, CO 80202 (303) 573-5100

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

At surface

1980' FSL 1980' FWL 27-T20S-R28E

At top prod. interval reported below

At total depth

14. PERMIT NO.

NM-18219

DATE ISSUED

12/29/93

15. DATE SPUDDED

1/19/94

16. DATE T.D. REACHED

2/13/94

17. DATE COMPL. (Ready to prod.)

3/23/94

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3234' KB

19. ELEV. CASING HEAD

20. TOTAL DEPTH, MD & TVD

11,400'

21. PLUG, BACK T.D., MD & TVD

11,355'

22. IF MULTIPLE COMPL., HOW MANY*

1

23. INTERVALS DRILLED BY

Rotary

ROTARY TOOLS

Rotary

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Atoka 10,579' to 10,594'

25. WAS DIRECTIONAL SURVEY MADE

yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL/Microlog/Lithodensity

27. WAS WELL CORRO

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
20"	94#	335'	26"	335 sx to surf	
13-3/8"	48#	665'	17-1/2"	350 sx "C"/200sx "C" neat	
8-5/8"	32# 24#	2,760'	12-1/4"	960 sx 1%CaCl+1/4 sx floccle w/200sx tail	
5-1/2"		11400	7-7/8"	cmt w/175 sx	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	10,496	10,496

31. PERFORATION RECORD (Interval, size and number)

Atoka 4 spf 10,579-10,594'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
N/A	

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
SIWOPL		Flowing				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
3/14/94	1	8/64"	→		32		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
2400 psi	0	→		762			

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

SI

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

4 Point test / Directional Survey / 2 copies of Logs

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

SIGNED

Robert D. Mowry

TITLE

Senior Operations Eng.

DATE

3/24/94

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

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
MORROW	11,050	11,210'	Sand and Gas			
Atoka	10,574	10,579'	Sand and Gas			
DST #1	11,050	11,210	15 min open - good blow, incr to 1 psi on 1/8" chk. 60 min SI - 90 min Final Open GTS at end of open/.75 psi, 135 min Final SI. Cut SI short, Backside began flwg. SI BOPE - 75 psi after 28 min Rel pkr, rev out rec 15-20' Gas Flare. IH 5449 IF 195-250 ISI 546 FF 338-472 FSI 625 FH 5370			
DST #2	10,490'	10,630'	Placed 1000' fresh wtr cushion in DP for test IO - 25 min. - Strong blow, 15 psi in 15 min. 88 psi in 25 min on 1/8" chk. (36 MCFPD) rate SI 60 mins - had gas to surf 4 mins into SI. Lost pkr set when tool opened for 2nd flow period. IH 5183 IF 790-773 ISIP 5412			



RECEIVED

KEN REYNOLDS—PRESIDENT
ARNIE NEWKIRK—VICE-PRESIDENT

DRILLING CO., INC. — OIL WELL DRILLING CONTRACTORS

MAR 23 11 40 AM '94

P.O. Box 1498 ROSWELL, NEW MEXICO 88202-1498
505/623-5070 505/746-2719
ROSWELL, NM ARTESIA, NM

RECEIVED

FEB 23 1994

OPERATIONS

February 21, 1994

General Atlantic Resources, Inc.
410 17th Street, Suite 1400
Denver, CO 80202

RE: Burton Flat Deep Unit #41

Gentlemen:

The following is a Deviation Survey on the above referenced well located in Eddy County, New Mexico.

335' - 1°	3250' - 1/2°	6471' - 1 1/4°	9994' - 3°
665' - 1 3/4°	3754' - 3/4°	6969' - 2°	10,494' - 2 3/4°
1072' - 1 3/4°	4254' - 1°	7469' - 2°	10,999' - 3°
1574' - 1 1/4°	4752' - 1°	7970' - 2 3/4°	11,156' - 2 3/4°
2069' - 1°	4960' - 1°	8466' - 2 1/2°	11,400' - 2 3/4° T.D.
2360' - 1/4°	5468' - 1/2°	8957' - 2 1/2°	
2760' - 1°	5971' - 1 1/2°	9465' - 3 1/2°	

Sincerely,

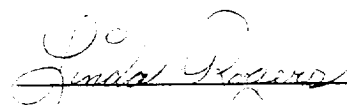

Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 21st day of February 1994 by Gary W. Chappell.

MY COMMISSION EXPIRES

October 07, 1996


NOTARY PUBLIC