

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

Form C-104

Revised October 18, 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 Nearburg Producing Company 3300 North A Street, Building 2, Suite 120 Midland, Texas 79705		² OGRID Number 15742
³ Reason for Filing Code NW		
⁴ API Number 30 - 0 25-33506	⁵ Pool Name Hat Mesa Morrow	⁶ Pool Code 78240
⁷ Property Code 15230	⁸ Property Name Minis Federal Com	⁹ Well Number 3

II. ¹⁰ Surface Location

UI or lot no. 12	Section 1	Township 21S	Range 32E	Lot Idn	Feet from the 4,300'	North/South Line South	Feet from the 1,310'	East/West line West	County Lea
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¹¹ 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 F	¹³ Producing Method Code Flowing	¹⁴ Gas Connection Date 02/05/98	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
032109	L G & E Natural Gathering & Processing Company 2777 Stemmons Freeway, Suite 700 Dallas, TX 75207		G	
00734	Amoco Pipeline Co. 302 E. Avenue A Lovington, NM 88260		O	

IV. Produced Water

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

²⁵ Spud Date 08/19/97	²⁶ Ready Date 02/05/98	²⁷ TD 14,550'	²⁸ PBTD 14,449'	²⁹ Perforations 13,936' - 13,992'	³⁰ DHC, DC, MC
³¹ Hole Size 17-1/2"	³² Casing & Tubing Size 13-3/8"	³³ Depth Set 570'	³⁴ Sacks Cement 450 sx		
11"	8-5/8"	5,300'	2,200 sx		
7-7/8"	5-1/2"	14,550'	2,765 sx		

VI. Well Test Data

³⁵ Date New Oil 02/06/98	³⁶ Gas Delivery Date 02/05/98	³⁷ Test Date 02/17/98	³⁸ Test Length 24 hrs	³⁹ Tbg. Pressure 650	⁴⁰ Csg. Pressure --
⁴¹ Choke Size 16//64	⁴² Oil 7	⁴³ Water 3	⁴⁴ Gas 513	⁴⁵ AOF	⁴⁶ Test Method Flowing

⁴⁷ 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: *E. Scott Kimbrough*
Printed name: E. Scott Kimbrough

Approved by:

OIL CONSERVATION DIVISION

WILLIAMS
MANAGER

Title:

Approval Date:

Title: Manager of Drilling and Production

Date: 3/2/98

Phone: (915) 686-8235

⁴⁸ 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 SUBB
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NM-92187

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐ N.M. Oil Cons. ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐ P.C. Box 1980
2. NAME OF OPERATOR Hobbs, NM 88241

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Minis 1 Federal Com #3

9. API WELL NO.

30-025-33506

10. FIELD AND POOL, OR WILDCAT

Hat Mesa Morrow

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

Section 1, T21S, R32E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

15. DATE SPUDDED 08/19/97 ✓	16. DATE T.D. REACHED 10/11/97	17. DATE COMPL. (Ready to prod.) 02/05/98	18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 3.734' GR	19. ELEV. CASINGHEAD
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20. TOTAL DEPTH, MD & TVD 14,550'	21. PLUG, BACK T.D., MD & TVD 14,449'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS X	CABLE TOOLS
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24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*	25. WAS DIRECTIONAL SURVEY MADE
13,936' - 13,992' Morrow	

26. TYPE ELECTRIC AND OTHER LOGS RUN DLL/LDT/CNL/GR/CAL	27. WAS WELL CORED No
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28. _____ CASING RECORD (Report all strings set in well)

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"	48#	570'	17-1/2"	Circ. to surface; 450 sx	
8-5/8"	24 & 32#	5,300'	11"	Circ. to surface; 2,200 sx	
5-1/2"	17 & 20#	14,550'	7-7/8"	4,824' by calc; 2,765 sx	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	13,717'	13,831'

31. PERFORMANCE RECORD (Interval, size and number)
13,936' - 13,958' - .4" - 88 shots
13,984' - 13,992' - .4" - 64 shots
(CPLG. SGD.) GARY GOURLEY

32.	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	13,936' - 13,958'	3,000 gals 7-1/2% acid + additives w/1,000
	13,984' - 13,992'	SCFPB N2
		Frac w/35,000# 20/40 ISP

33. *		BLM	PRODUCTION
DATE FIRST PRODUCTION 02/05/98	PRODUCTION METHOD (<i>Flowing, gas lift, pumping—size and type of pump</i>) Flowing		WELL STATUS (<i>Producing or shut-in</i>) P

DATE OF TEST 02/17/98	HOURS TESTED 24	CHOKE SIZE 16/64	PROD'N FOR TEST PERIOD →	OIL—BBL. 7	GAS—MCF. 513	WATER—BBL. 3	GAS-OIL RATIO 73286:1
FLOW. TUBING PRESS. 650	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. 7	GAS—MCF. 513	WATER—BBL. 3	OIL GRAVITY-API (CORR.) 47.4	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	513	3	47.4
Sold			
35. LIST OF ATTACHMENTS			
		TEST WITNESSED BY	
		Matt Lee	

35. LIST OF ATTACHMENTS

C-104, Deviation Report, Logs

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

SIGNED T. Scott Lindsay TITLE Manager of Drilling and Production

DATE 3/2/98

***(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.

FORMATION

TOP

BOTTOM

DESCRIPTION, CONTENTS, ETC.

Salt	1520	3130	salt, anhydrite
Yates	3130	3592	sandstone, dolomite, anhydrite
Capitan	3592	5438	dolomite, anhydrite
Delaware	5438	8770	sandstone, dolomite, shale
Bone Spring Carbonate	8770	9850	limestone, shale
1st BS Sand	9850	10126	sandstone, shale
2nd BS Carb	10126	10555	limestone, shale
2nd BS Sand	10555	10918	sandstone, shale
3rd BS Carb	10918	11050	limestone, shale
3rd BS Sand	11050	11600	sandstone, shale
Wolfcamp Chert	11600	12255	shale, limestone, chert
Penn. Shale	12255	12910	shale, limestone
Strawn	12910	13110	limestone, shale
Atoka Clastics	13110	13340	shale, limestone
Atoka Limestone	13340	13502	limestone, shale
Morrow Carb	13502	13590	limestone, shale
Morrow Clastics	13590	14430	shale, sandstone, limestone
Barnett Shale	14430	14545	shale

38.

GEOLOGICAL MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Salt/ (salade)	1520	
Yates	3130	
Capitan	3529	
Delaware	5438	
Bone Spring CaCO ₃	8770	
1st BS Sand	9850	
2nd BS CaCO ₃	10126	
2nd BS Sand	10555	
3rd BS Sand	10918	
3rd BS Sand	11050	

38.

GEOLOGICAL MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Wolfcamp chert	11830	
Penn. Shale	12225	
Strawn	12910	
Atoka Clastics	13110	
Atoka Limestone	13340	
Morrow CaCO ₃	13502	
Morrow Clastics	13590	
Barnett Shale	14430	

OCTOBER 23, 1997

WELL NAME AND NUMBER:
LOCATION:
OPERATOR:
DRILLING CONTRACTOR:

MINIS 1 FED COM #3
Sec. 1 T21S R32E
NEARBURG OPERATING Co
PATTERSON DRILLING

Unit L
+300/S +1310/W
25-025-33506

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>DEGREE AND DEPTH</u>		<u>DEGREE AND DEPTH</u>		<u>DEGREE AND DEPTH</u>	
0.50	570	1.00	5324	2.00	9782
0.50	1351	1.00	5444	1.25	9939
0.75	1648	1.00	6152	1.00	10315
0.75	1992	1.00	6556	1.50	10921
1.00	2338	1.25	6964	1.00	10629
1.25	2682	0.25	7372	1.75	11168
1.75	3062	0.75	7779	1.00	11418
1.75	3188	1.50	8249	1.00	11729
1.00	3314	1.00	8844	1.00	12134
0.50	3629	3.00	9249	0.50	12478
1.00	4029	4.00	9343	1.00	12822
1.00	4437	4.25	9433	1.50	13413
1.00	4796	4.75	9531	0.00	14275
0.25	5190	4.00	9625		

Drilling Contractor: PATTERSON DRILLING

By: Billy Jensen
Billy Jensen

Subscribed and sworn to before me this 23rd day of October, 1997

My Commission Expires:
june 30, 2001

Mary G. Henson
Mary G. Henson

REFERENCE SHEET FOR UNDESIGNATED WELLS

DATE 3/5/98

OIL/GAS Gas

COUNTY Lea

OPERATOR Nearburg Producing Co

ADDRESS 3300 North A St, Bldg 2, Suite 120 Midland TX

LEASE NAME, WELL NO. Minis Federal Com #3-L 79705

FOOTAGE LOCATION 4300 FROM THE S LINE AND 1310 FROM THE W LINE

SECTION 1 TOWNSHIP 21s RANGE 32e

COMPLETION DATE 2/6/98

NAME OF PRODUCING FORMATION Morrow

TOP OF PERFORATIONS 13936-13992

DEPTH TO CASING SHOE _____

C-123 FILED _____

NAME OF POOL FOR WHICH EXTENSION WAS ASKED _____

ADVERTISED FOR _____ HEARING CASE NO. _____

NAME OF POOL FOR WHICH EXTENSION WAS ADVERTISED _____

PLACED IN _____ BY ORDER NO. R- _____

REMARKS Hat Mesa Morrow

3/2.66 ac

lots 4, 5, 6, 11, 12, 13, 14