

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

95K
NM OIL CONS COMMISSION
Drawer DD FORM APPROVED
Artesia, NM 88210 Budget Bureau No. 1004-0135
Expires: March 31, 1993

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

LC 068402 NM8910124100

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas
☐ Well ☐ Well ☒ Other INJECTION WELL.

2. Name of Operator

Merit Energy Company

3. Address and Telephone No.

12222 Merit Drive, Suite 1500, Dallas, TX 75251 (214) 701-8377

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE NW
Sec. 29, T18S R30E
2310' FNL & 1650' FWL

Unit F

5. Lease Designation and Serial No.

NORTH BENSON QUEEN

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

9. API Well No.

30-015-10390

10. Field and Pool, or Exploratory Area

11. County or Parish, State

EDDY, NM

12. ECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other CONVERT TO WATER SUPPLY WELL

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ 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 detail, 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.)*

THIS WELL IS CURRENTLY A TA INJECTION WELL. WE ARE HEREBY SEEKING APPROVAL TO CONVERT THE WELL AND USE AS A WATER SUPPLY WELL. PROPOSED CONVERSION PROCEDURE IS ATTACHED.

RECEIVED

JUL 03 1995

OIL CON. DIV.
DIST. 2

RECEIVED
MAY 21 10 57 AM '95

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

Signed Sherry Cornett

Title Regulatory Manager

Date 5/22/95

(This space for Federal or State office use)

Approved by David H. Glass

Title PETROLEUM ENGINEER

JUN 29 1995
Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instructions on Reverse Side

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-102
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-10390	² Pool Code 05300	³ Pool Name Benson Queen Grayburg
⁴ Property Code 007657	⁵ Property Name North Benson Queen Unit	⁶ Well Number 10
⁷ OGRID No. 014591	⁸ Operator Name Merit Energy Company	⁹ Elevation

¹⁰ Surface Location

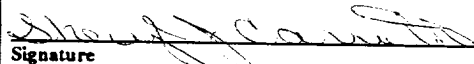
UL or lot no. F	Section 29	Township 18S	Range 30E	Lot Idn	Feet from the 2310	North/South line North	Feet from the 1650	East/West line West	County Eddy
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶				¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Sheryl J. Carruth Printed Name Regulatory Manager Title 5-22-95 Date
				¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

WELL NAME
FIELD
COUNTY, STATE

NORTH BENSON QUEEN UNIT # 10
NORTH BENSON QUEEN-GRAYBURG
EDDY COUNTY, NEW MEXICO

KB 3455'
DF 3454'
GL 3444'

INJECTION X PRODUCTION

COMPL. DATE 1/17/64

CASING SIZE 8 5/8"
CASING TYPE --#

REMARKS:

HISTORY:

6/88 TR-INJ, CIBP @ 2714'

8/76 Perf - 2 JSPF 3116'-
 3022'

ACID 2897'- 3022' 2.25 mg

ACID 2798'- 2825' 0.8 mg

FRAC 2897'- 3022' 15 mg,
 13 m#

2/74 Convert to Injection

1/64 ACID 2798'- 2977' 1.5 mg

FRAC 30 mg, 45 m#

IP: 32 BO - 24 hours

CASING SIZE 5 1/2"
CASING TYPE --#

528'

TUBING DETAIL

SIZE SN

TYPE

#JTS/FT /

PACKER TYPE

SET AT

TUBING ANCHOR TYPE

SET AT

ROD DETAIL

SIZE GRADE # RODS

PUMP TYPE/SIZE

PERFORATIONS:

1 JSPF 2798' & 2819'

2825' & 2897'

2901' & 2971'

2977'

2 JSPF 3016' - 3022'

8/76

TD 3154'

HOLE SIZE 7 3/4"

DATE PREPARED: 11-12-90 PK

North Benson Queen #10
Convert to Water Supply Well

Well Data:

TD: 3154'
PBSD: 2680'
Casing: 8-5/8", 24# set @ 528"
Casing: 5-1/2", 15.5#, J-55 set @ 3154'
Tubing: None
Plug CIBP @ 2714' w\ 4 sxs cement
Perfs: 2798, 2819, 25, 97, 2901, 71, 77, 3016-22

Procedure:

- 1 MIRU WSU. NU BOPs.
2. RIH w 4-3/4" bit and 5-1/2" casing scraper on a 2-7/8" workstring to 1500'. Circulate well clean. POOH w\ bit and scraper.
3. MIRU wireline. RIH w\ 3-3/8" HSC perforating guns and shoot squeeze holes (4 spf) @ 1300-01 (8 holes). POOH w\ guns.
4. RIH w\ cmt retainer on workstring. Set retainer @ 1250'. Test backside to 500 psi. MIRU cementers. Establish circulation to surface through squeeze holes.
5. Pump 225 sacks Class C cmt (1.32 cu. ft/ sack, 14.8 ppg) and displace through retainer w\ 8 bbls water. Sting out of retainer and circulate well clean. SD WOC. RDMO cementers.
6. RIH w\ logging tools and run Gamma Ray - Neutron from 1200 to 500'. Fax log to Dallas so that perfs may be picked. POOH w\ logging tools. WO Dallas.
7. RIH w\ 3-3/8" select fire guns and perforate 2 spf at the specified depths. POOH w\ guns. RDMO wireline.
8. RIH w\ 5-1/2" packer on a 2-7/8" workstring. Set packer 50' above top perf. Test backside to 500 psi. Swab test well. Note entry rate. Obtain water samples to be analyzed.

Be prepared to acidze perforations if necessary.

9. RDMO WSU.