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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OIL CONS COMMISSION

Lower DD

Artesia, NM 88210
FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

NM-0318474

6. If Indian, Allottee or Tribe Name

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

RECEIVED

Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

Name of Operator

Merit Energy Co.

Address and Telephone No.

12222 Merit Drive Suite 1500 Dallas Texas 25289 C.D. OFFICE

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

990' FSL + 2310' FWL Sec. 28 I

18S 30E

7. If Unit or CA, Agreement Designation

North Benson Queen Unit

8. Well Name and No.

#29

9. API Well No.

30-015-10122

10. Field and Pool, or Exploratory Area

Benson Queen Grayburg

11. County or Parish, State

Eddy, New Mexico

CHECK 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

☐ 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.)

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.)*

Set 4 1/2" CIBP at 2820' dump Bail 35' Cmt.

Displace with 9" mud with 25#/BB1 gel to 1680'

100' Cmt. Plug Across base of Salt. to 1580'

Displace hole with 9" mud with 25#/BB1 gel to 590'

100' Cmt plug 590'-490' - covers Casing shoe and top of Salt.

Tag Cmt, Displace hole to 50' of surface with 9" mud. Pump 50' surface Cmt Plug, Cmt of Well Head Equipment Backfill and Clean location.

I hereby certify that the foregoing is true and correct

Signed Joe G. Lara

Title Regulatory Manager

Date 7-29-94

(This space for Federal or State office use)

(ORIG. SGD.) JOE G. LARA

Title PETROLEUM ENGINEER

Date 8/23/94

Approved by

Conditions of approval, if any: See attached.

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

WELL NAME NORTH BENSON QUEEN UNIT # 29
FIELD NORTH BENSON QUEEN-GRAYBURG
COUNTY, STATE EDDY COUNTY, NEW MEXICO

KB 3446'
DF 3445'
GL 3435'

INJECTION X PRODUCTION

COMPL. DATE 10/10/63

CASING SIZE 7"
CASING TYPE 23#

565'

REMARKS:

HISTORY:

06/88 TR-INJ - CIBP @ 2545'
05/74 Convert to Injection
Perf 2635- 3112
ACID 500 g 3% HF,
12% HCl
FRAC 10 mg, 10 m#
10/63 ACID 500 g 15% NEA
FRAC 60 mg, 90 m#

IP: 47 BO, 22 BW
24 hours

CASING SIZE 4 1/2"
CASING TYPE 9.5#, J-55

TUBING DETAIL

SIZE SN
TYPE
#JTS/FT 1

PACKER TYPE
SET AT

TUBING ANCHOR TYPE
SET AT

ROD DETAIL
SIZE GRADE # RODS

PUMP TYPE/SIZE

PERFORATIONS:

2 JSPF 2829' & 2842' &
2880' & 2944' &
2984' & 3026' &
3032' & 3075' &
3079' & 3141' &
2 JSPF 2628' & 2635' &
5/74 3112'

TD 3225'
HOLE SIZE 6 3/4"
PBSD 3170'
PBSD 2515'

DATE PREPARED: 11-12-90 PK

Aug 11 1994
RECEIVED

BUREAU OF LAND MANAGEMENT
CARLSBAD RESOURCE AREA

Permanent Abandonment of Wells on Federal Lands

Conditions of Approval

1. Approval: Plugging operations shall commence within 90 days from the approval date of plugging procedure.
2. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Eddy County call (505)887-6544 ; for wells in Lea County call (505) 393-3612.
3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet ; and a 5M system for a well not deeper than 22,727 feet.
4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.
5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C" , for up to 7,500 feet of depth, mixed at 14.8 lbs./gal. with 6.3 gallons of fresh water per sack or class "H" , for deeper than 7,500 feet plugs, mixed at 16.4 lbs./gal. with 4.3 gallons of fresh water per sack.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).
7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

Following the submittal and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.