

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

BENSON-MONTIN-GREER DRILLING CORP.

3a. Address

87401  
4900 COLLEGE BLVD, FARMINGTON

3b. Phone No. (include area code)

(505) 325-8874

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

1980' FNL, 593' FEL (SE 1/4, NE 1/4: H)

SECTION 16, T-26N, R-1E

5. Lease Serial No.

SE-079287-A VM 1250-2

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

EPCMU #32 (H-16)

9. API Well No.

30-039-06488

10. Field and Pool, or Exploratory Area

PUERTO CHIQUITO MANCOS

11. County or Parish, State

RIO ARRIBA, NEW MEXICO

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BENSON-MONTIN-GREER PURPOSES TO PLUG AND ABANDON THE ABOVE WELL PER PROCEDURES ATTACHED.

\* Changes for Shallow frac water  
- Plug 1 - chg  
- Plug 2 - displace annular cement to surface  
Plug 2 mssrs (rmbore/213 st below (room))  
- Plug 3 Change to inside plug 0-100' D st

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

Name (Printed/Typed)

PATRICIO W. SANCHEZ

Title Petroleum Engineer

Signature

*Patricio W. Sanchez*

Date MARCH 15, 2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

*BD*

Lands and Mineral Resources

Title

Date

4/10/01

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

AJFC

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**PROCEDURE TO PLUG AND ABANDON**  
**B. M. G. DRILLING CORP.**  
**EAST PUERTO CHIQUITO MANCOS UNIT #32 (H-16)**  
**SEC. 16, T26N, R1E**  
**RIO ARRIBA, NM**

NOTE: ALL CEMENT VOLUMES USE 50' EXCESS INSIDE PIPE AND 100% EXCESS OUTSIDE PIPE. THE STABILIZING WELLBORE FLUID WILL BE 8.33 PPG, SUFFICIENT TO STABILIZE ALL EXPOSED FORMATION PRESSURE.

1. INSTALL AND TEST RIG ANCHORS. PREPAIR BLOW PIT. COMPLY WITH ALL NMOCD, BLM, AND B. M. G. REGULATIONS. MOL AND RU DAYLIGHT PULLING UNIT. CONDUCT SAFETY MEETING WITH ALL PERSONNEL ON LOCATION.
2. UNSEAT PUMP AND LD RODS. HOT OIL IF NEEDED. ND WELLHEAD AND NU BOP. TEST BOP.
3. POH AND STRAP 2068' OF 2 3/8" TBG. PU AND RIH WITH 5 1/2" RETAINER AND SET AT 2028'. CIRCULATE HOLE CLEAN WITH WATER AND PRESSURE TEST CASING TO 500 PSI. ESTABLISH INJECTION RATE BELOW RETAINER WITH WATER.
4. **PLUG #1 (GALLUP, TOCITO, 1778' - 2186'); MIX 50 SX CEMENT PLUG AND PLACE 17 SX BELOW AND BALANCE 33 SX ON TOP OF RETAINER. POH.** ✓
5. **PLUG #2 (SURFACE SHOE, 648' - 748'); RIH WITH WIRELINE AND PERFORATE SQUEEZE HOLES AT 748'. PU AND RIH WITH RETAINER AND SET AT 698'. MIX 59 SX CEMENT PLUG AND PLACE 47 SX BELOW AND BALANCE 12 SX ON TOP OF RETAINER. POH.** 713 SXS
6. **PLUG #3 (SURFACE, 0' - 100'); RIH WITH WIRELINE AND PERFORATE SQUEEZE HOLES AT 100'. ESTABLISH CIRCULATION TO SURFACE OUT THE BRADON HEAD WITH WATER. MIX APPROXIMATELY 30 SX CEMENT TO CIRCULATE GOOD CEMENT TO SURFACE.** 59 SXS 0-100'
7. ND BOP AND DIG CELLAR. CUT OFF WELLHEAD AND TOP OFF CASINGS AS NEEDED. RD RIG AND CUT OFF ANCHORS. INSTALL DRY HOLE MARKER AND MOL. RESTORE LOCATION AS REQUIRED BY BLM REGULATIONS.

EAST PUERTO CHIQUITO MANCOS UNIT #32

(H-16)

CURRENT

GALLUP

RIO ARRIBA, NM

TODAYS DATE: 03-13-01

SURFACE SHOE @ 698'

11 1/2" OH

TOC CALC. @ 510' W/ 70% FILL

9 5/8", 36# SET @ 698', CMT W/ 50 SX

2 3/8" W/ RODS @ 2068'

8 1/4" OH

TOC CALC. @ 1688' W/ 70% FILL

5 1/2", 15.5# SET @ 2078'  
W/ 100 SX

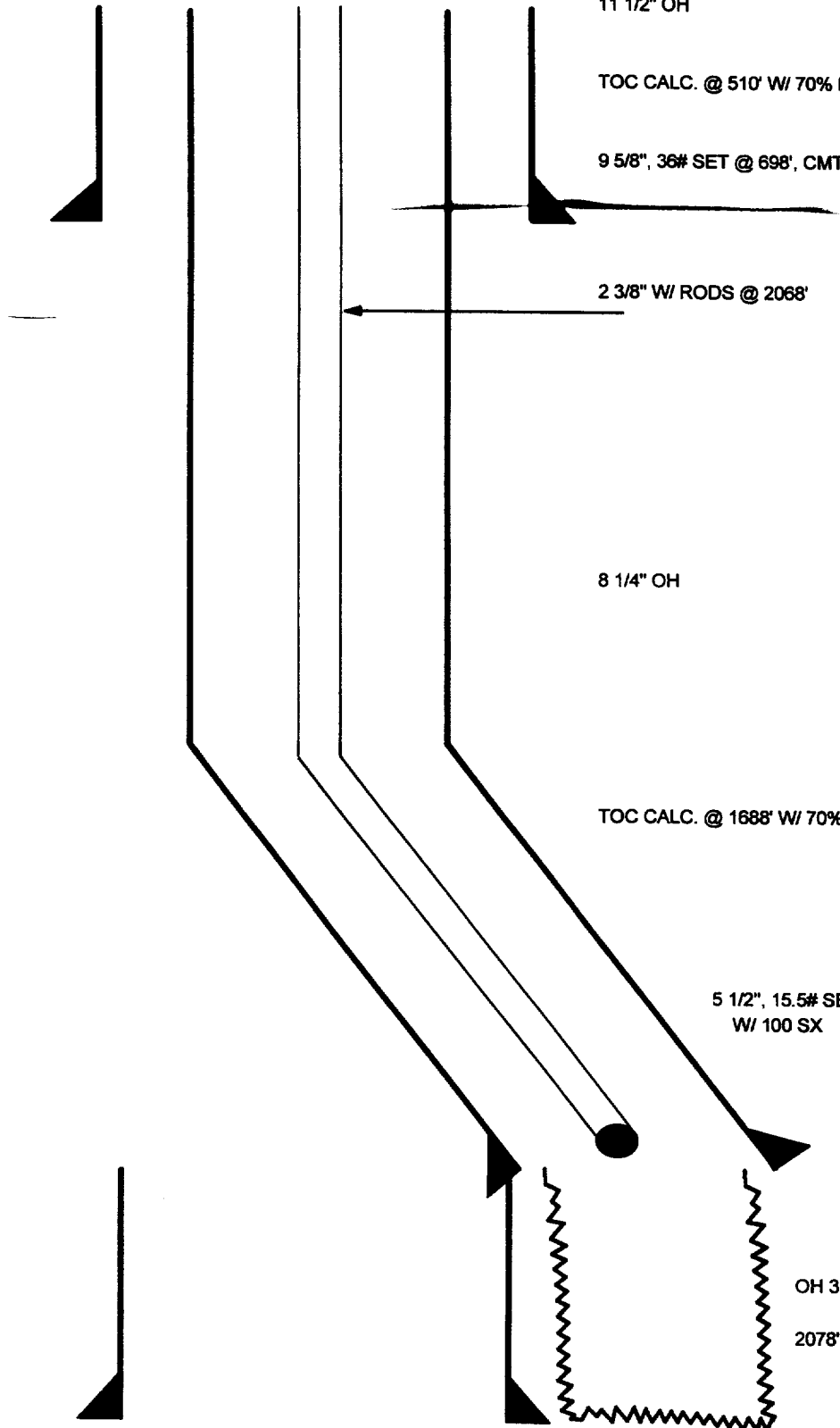
GALLUP @ 1878'

7", 23# FISH @ 1990' - 2220'  
CMT W/ 90 SX

TOCITO @ 2145

OH 3 3/4"

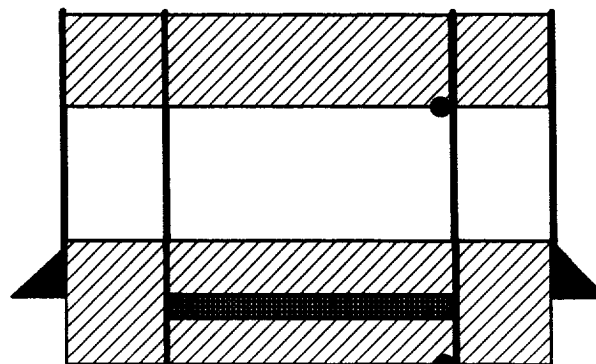
2078' - 2186'



**EAST PUERTO CHIQUITO MANCOS UNIT #32**  
**(H-16)**  
**PURPOSED**  
**GALLUP**  
**RIO ARRIBA, NM**

TODAYS DATE: 03-13-01

SURFACE SHOE @ 698'



11 1/2" OH  
PLUG #3 (0' - 100'), CMT W/ 30 SX

PERFORATE @ 100'  
TOC CALC. @ 510' W/ 70% FILL

9 5/8", 36# SET @ 698', CMT W/ 50 SX

PLUG #2 (648' - 748'), CMT W/ 50 SX

RETAINER @ 698'

PERFORATE @ 748'

8 1/4" OH

TOC CALC. @ 1688' W/ 70% FILL

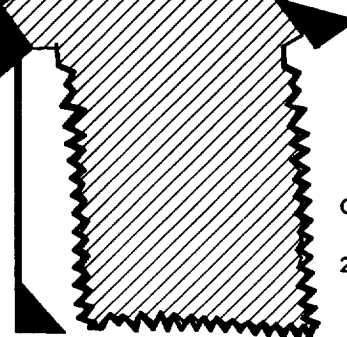
PLUG #1 (1778' - 2186'), CMT W/ 50 SX  
RETAINER @ 2028'

5 1/2", 15.5# SET @ 2078'  
W/ 100 SX

GALLUP @ 1878'

7", 23# FISH @ 1990' - 2220'  
CMT W/ 90 SX

TOCITO @ 2145



OH 3 3/4"

2078' - 2186'

## BLM CONDITIONS OF APPROVAL

The following surface rehabilitation Conditions of Approval must be complied with as applicable, before this well can be approved for final abandonment (see 43 CFR 3162.3-4). Surface rehabilitation work shall be completed within one year of the actual plugging date. Notification for completion of this work can be submitted with a Sundry Notice. Questions? Call Pat Hester at (505) 761-8786.

1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location. Non-retrieved flowlines and pipelines will be abandoned in accordance with State Rule 714. Information supporting the non-retrieval will be included in the subsequent report or final abandonment Sundry Notice.

2. Production pits will be closed according to the Unlined Surface Impoundment Closure Guidelines, as approved in the Environmental Assessment of December 1993. Any oil stained soils can be remediated on-site according to these guidelines or disposed of in an approved facility.

3. The well pad will be shaped to the natural terrain and left as rough as possible. All compacted areas and areas devoid of vegetation shall be ripped to a minimum of 12" in depth before reseeding.

4. Access roads will be shaped to conform to the natural terrain and left as rough as possible to deter vehicle travel. Access will be ripped to a minimum of 12" in depth, water barred and reseeded. All erosion problems created by the development must be corrected prior to acceptance of release. Water bars should be spaced as shown below along the fall line of the slope:

% Slope	Spacing Interval
Less than 20%	200'
2 to 5 %	150'
6 to 9 %	100'
10 to 15 %	50'
Greater than 15%	30'

5. All disturbed areas will be seeded with the prescribed certified seed mix (reseeding may be required). Seed mix must be certified weed free to avoid the introduction of noxious weeds. Refer to the original APD for seed mix.

6. Notify Surface Managing Agency seven (7) days prior to seeding so that they may be present to witness.

7. The period of liability under the bond of record will not be terminated until the well is inspected and the surface rehabilitation approved.

Other Surface Managing Agencies (SMA's) may vary slightly in their restoration requirements. It is your responsibility, as the operator, to obtain surface restoration requirements from other SMA's. We need to be provided with a copy of these requirements. Any problems concerning stipulations received from other SMA's should be brought to us.

On private land, a letter from the fee owner stating that the surface restoration is satisfactory will be provided to the office. Questions? Call Pat Hester at (505) 761-8786.