

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
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

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

NMCO Operating

3. Address and Telephone No.

6 East 5th St., Suite 200 TUSA, OK 74103 (800) 672-4008

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

1840' FBL 1690' FBL

Section 32, T26N, R2W

5. Lease Designation and Serial No.

NM 01806

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal #22

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Rio Arriba, NM

12. 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 or well completion or recompletion report and log from)

13. 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.)*

See Attached Procedures & Diagrams



00 MAR 15 AM 11:18
ALBUQUERQUE, N.M.

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

Signed: William E. Crawford For LARRY Sweet Title P&A Supervisor

Date 3-13-2000

(This space for Federal or State office use)

Approved by: [Signature]
Conditions of approval, if any:

Title Petro. Eng.

Date 3/28/00

Surface Pl. WSS

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.

PLUG AND ABANDONMENT PROCEDURE

FEDERAL #22
PICTURED CLIFFS
SEC. 32, T26N, R2W
RIO ARRIBA, NEW MEXICO

NOTE: ALL CEMENT VOLUMES USE 100% EXCESS OUTSIDE PIPE AND 50 FT. EXCESS INSIDE PIPE. THE STABILIZING WELLBORE FLUID WILL BE 8.3 ppg, SUFFICIENT TO BALANCE ALL EXPOSED FORMATION PRESSURES.

1. INSTALL AND TEST RIG ANCHORS. PREPARE BLOW PIT. COMPLY WITH ALL BLM, KEY, AND NM&O SAFETY RULES AND REGULATIONS. MOL AND RU DAYLIGHT PULLING UNIT. CONDUCT SAFETY MEETING FOR ALL PERSONNEL ON LOCATION. NU RELIEF LINE AND BLOW DOWN WELL, KILL WITH WATER AS NECESSARY.
2. ND WELLHEAD AND NU BOP AND STRIPPING HEAD. TEST BOP. RELEASE PACKER AND POH AND TALLY TUBING; VISUALLY INSPECT THE TUBING. IF NECESSARY LD TUBING AND PU WORK STRING. ROUND TRIP 5 ½" WIRELINE GAUGE RING TO 3856'.
3. **PLUG #1** (PICTURED CLIFFS, FRUITLAND, KIRTLAND, OJO ALAMO; 3553' - 3954'): RIH W/ 5 ½" WIRELINE CIBP AND SET AT 3856'. RIH WITH WORK STRING AND TAG CIBP. LOAD AND CIRCULATE HOLE CLEAN W/ WATER. PRESSURE TEST CSG TO 500 psi. BALANCE 34 SX CLASS B CEMENT PLUG ON TOP OF CIBP. POH.
4. **PLUG #2** (NACIMIENTO; 1650' - 1800'): PERFORATE 4 SQUEEZE HOLES AT 1800'. PU AND RIH W/ 5 ½" CEMENT RETAINER AND SET AT 1750'. ESTABLISH INJECTION RATE INTO PERFORATIONS W/ WATER. MIX AND PUMP 62 SX CLASS B CEMENT PLUG, PLACING 51 SX BELOW AND 11 SX ABOVE RETAINER. POH.
5. **PLUG #3** (SURFACE, SHOE; 0' - 173'): PERFORATE 4 SQUEEZE HOLES AT 173'. TIE PUMP ONTO CASING VALVE AND ESTABLISH CIRCULATION TO SURFACE OUT THE BRADON HEAD W/ WATER. MIX AND PUMP APPROXIMATELY ~~65 SX~~ ^{62 SX} CLASS B CEMENT TO CIRCULATE GOOD CEMENT TO SURFACE.
6. ND BOP, DIG CELLAR AND CUT OFF WELL HEAD BELOW SURFACE CASING FLANGE. INSTALL DRY HOLE MARKER. RD, MOL AND CUT OFF ANCHORS. RESTORE LOCATION PER BLM STIPULATIONS.

FEDERAL #22
CURRENT
SEC. 32, T26N, R2W
RIO ARRIBA, NM
PICTURED CLIFFS

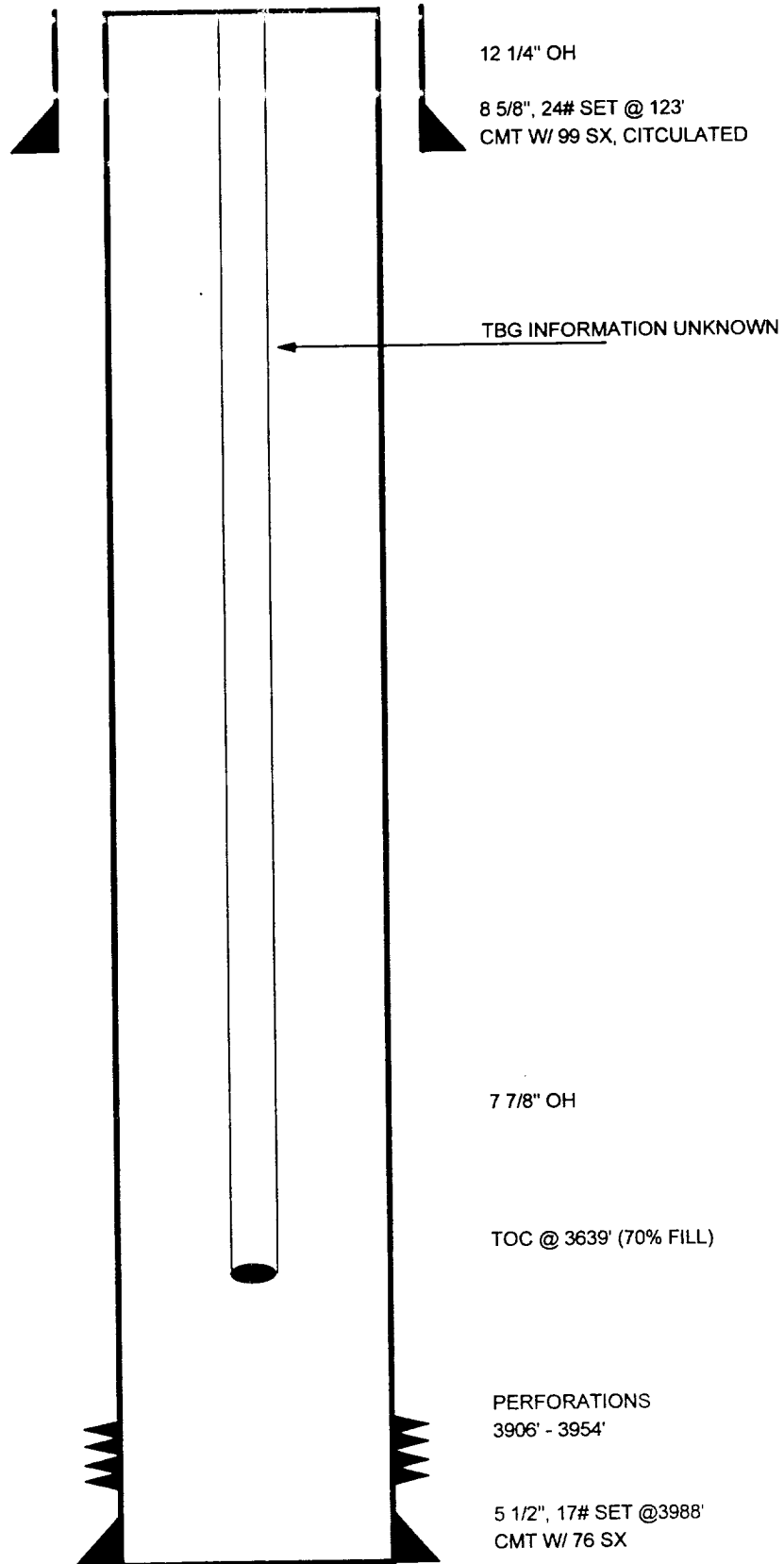
TODAYS DATE: 02-07-00

SHOE @ 123'

NACIMIENTO @ 1750'

OJO ALAMO @ 3603'
KIRTLAND @ 3743'
FRUITLAND @ 3850'

PICTURED CLIFFS @ 3900'



12 1/4" OH

8 5/8", 24# SET @ 123'
CMT W/ 99 SX, CITCULATED

TBG INFORMATION UNKNOWN

7 7/8" OH

TOC @ 3639' (70% FILL)

PERFORATIONS
3906' - 3954'

5 1/2", 17# SET @3988'
CMT W/ 76 SX

FEDERAL #22
PURPOSED
SEC. 32, T26N, R2W
RIO ARRIBA, NM
PICTURED CLIFFS

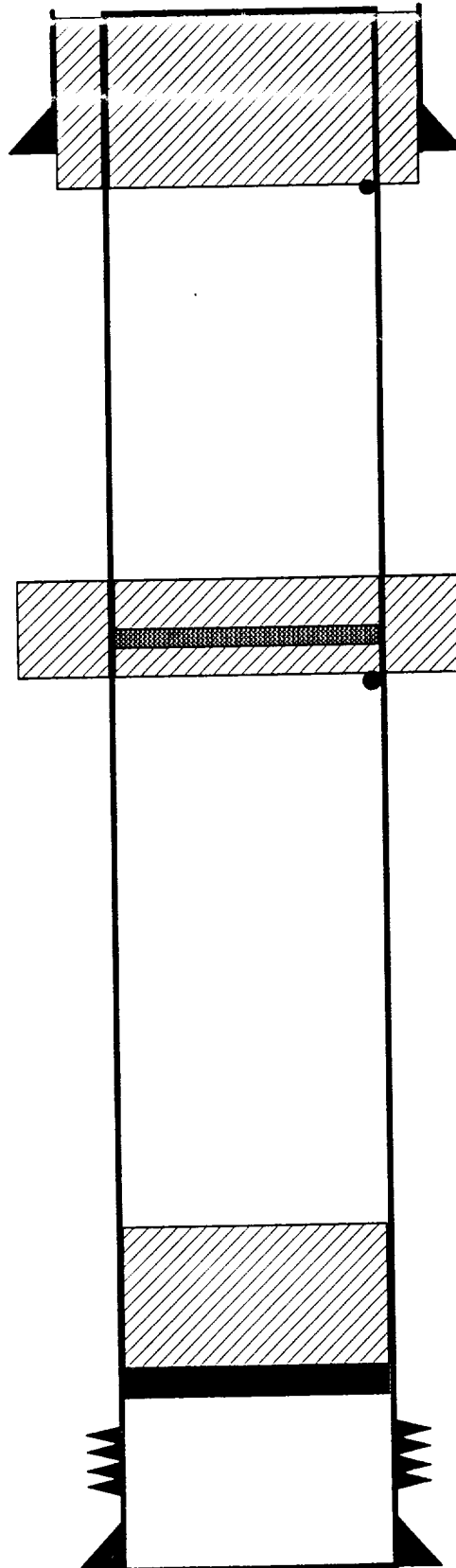
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PLUG #3 (0' - 173'), CMT W/ ~~35~~ SX
12 1/4" OH

8 5/8", 24# SET @ 123', CMT W/ 99 SX, CITCULATED
PERFORATE @ 173'

PLUG #2 (1650' - 1800')
CMT W/ 62 SX
RETAINER @ 1750'
PERFORATE @ 1800'

7 7/8" OH

TOC @ 3639' (70% FILL)
PLUG #1 (3553' - 3954')
CMT W/ 34 SX

CIBP @ 3856'

PERFORATIONS
3906' - 3954'

5 1/2", 17# SET @ 3988'
CMT W/ 76 SX