

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

LEASE DESIGNATION AND SERIAL NO.
LC-058697B
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 plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER ☒ **Injection**
2. NAME OF OPERATOR **Conoco Inc.**
3. ADDRESS OF OPERATOR **P.O. Box 460 - Hobbs, NM 88240**
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
Unit L 1980/S + 660/W
14. PERMIT NO. **30-025-01562**
15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7. UNIT AGREEMENT NAME
MCA Unit Bty 4
8. FARM OR LEASE NAME
#198
10. FIELD AND POOL, OR WILDCAT
Mojave B-5A
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 30, T-17S, R-33E
12. COUNTY OR PARISH
Lea
13. STATE
NM

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

17. 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.)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

It is proposed to P+H this well according to the attached procedure

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

SIGNED **W.W. Baker** **W.W. Baker**

TITLE **Administrative Supervisor**

DATE **2-7-90**

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

PETROLEUM ENGINEER

DATE **2-14-90**

*See Instructions on Reverse Side

MCA Unit No. 198
Plug and Abandon

Summary:

The following procedure is recommended to permanently plug and abandon MCA Unit No. 198:

1. Set a cement retainer at 3880'.
2. Fill the open hole and casing from 4350' to 3880' with 300 sacks cement. Spot 25 sacks cement on top of retainer from 3880' to 3735'. Fill wellbore with 9.5 ppg mud.
3. Spot a 18 sacks cement plug across the base of salt from 2380' to 2275'.
4. Spot a 18 sacks cement plug across the top of salt from 1350' to 1245'. TAG PLUG.
5. Set a 60 sacks cement plug from 350' to surface.

AHS Shannon Smith, BLM gave verbal approval to this procedure on 12-14-89. He said we would not be required to tag any plugs since we were setting a retainer above the open hole and to save us time.

Well Data:

Location: 1980' FSL and 660' FWL, Unit L, Section 30, T17S, R33E

TD: 4350' Elevation: 4028' GL

Open Hole: 6-1/4" from 3938'-4350'

Top of Salt: 1300'
Base of Salt: 2330'

Casing: No Surface Casing.
7" - 20# set at 3938' with 200 sacks (est TOC at 3000').

Casing was perforated at 1300' and cemented with 350 sacks for water shut off at top of salt.

Casing Strength and Capacity:

	*Collapse	*Burst	Capacity
7", H-40, 20#	1400 psig	1900 psig	.0404 bbl/ft
2-3/8", H-40, 4.7#	4120 psig	3920 psig	.00387 bbl/ft
2-7/8", N-80, 6.5#	7800 psig	7400 psig	.00579 bbl/ft

*70% safety factor included

Completion: Grayburg and San Andres
4220'-4264', shot with 90 quarts
4150'-4300', shot with 300 quarts

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Plug and Abandon
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Recommended Procedure:

Note:

1. Call Kandy Lawson to notify MNOC and BLM prior to commencing work.
2. All cement used shall be Class "C" with 2% CaCl₂ mixed at 14.8 ppg.
3. All mud shall be 9.5 ppg with 25 lbs gel/bbl brine.
4. Assume 2-7/8" workstring will be used.

1. Backflow well until flow rate ceases.
2. Move in and rig up pulling unit.
3. Release Baker TSH packer.
 - A. Set down weight (2-3000 lbs) on packer.
 - B. Rotate pipe to right and release.
 - C. Allow pressure to equalize and circulate if necessary.
 - D. Pull out of hole and lay down 2-3/8" tubing and packer.

Note: If rotation does not release packer, a straight pull of 45,000-50,000 lbs will shear packer and release it.

4. Abandon open hole completion.
 - A. Pick up and tally in hole with 6-1/4" bit, 7" casing scraper, and 2-7/8" workstring to 3900'. Pull out of hole.
 - B. Run in hole with cement retainer on workstring. Set retainer at 3880'.
 - C. Move in and rig up cement services. Pump 300 sacks (71 bbls) of cement through retainer. Maximum surface pressure is 1000 psig.
 - D. String out of retainer and dump 25 sacks (5 bbls) on top of retainer from 3735'-3880'.
 - E. Displace cement out of workstring with 21 bbls of mud.
 - F. Pick up and circulate hole with 125 bbls mud.
 - G. Pull out of hole with workstring to 2380'.
5. Spot cement across base of salt.
 - A. Load hole with 3 bbls mud.
 - B. Spot 18 sacks (4 bbls) cement from 2275' to 2380'. Displace cement with 13 bbls mud.
 - C. Pull out of hole with workstring to 1350'.
6. Spot cement across top of salt.
 - A. Load hole with 2 bbls mud.
 - B. Spot 18 sacks (4 bbls) cement from 1350' to 1245'. Displace cement with 7 bbls mud. TAG PLUG.
 - C. Pull out of hole with workstring to 350'.
7. Circulate cement to surface and set surface plug.
 - A. Load hole with 2 bbls mud.
 - B. Pump 60 sacks (14 bbl) cement from 350' to surface.
 - C. Pull out of hole and lay down workstring.

- MCA Unit No. 198
Unit L, Section 30, T-17S, R-33E
Lea County, New Mexico
Date

- E. Cut off dead-man anchors below ground level and remove markers. Fill in cellar and workover pit.
- F. Remove all equipment, concrete bases, and pipe not in use.
- G. Clean and restore location to its natural state. Reseed according to BLM requirements.

9. Send a copy of the well service report and final P&A wellbore sketch to Kandy Lawson in the Hobbs office so the proper forms can be filed.

1-15-90
Date

1-15-90
Date

Date 1-16-90

Date 1-26-90

Date 1-30-90



Note: Received Verbal Approval from Shannon Shaw, BLM on 12-14-2005

Conclusion

12-20-89

Approved by

British-Maljanian
Lead Country, to