District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.	30-015-31998
5. Indicate Type of Lease	FEDERAL
6.	FEDERAL LEASE NO. NMLC028731A

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" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☐ Other BRINE WELL	7. Lease Name or Unit Agreement Name: M DODD A EW
	8. Well Number: 1
2. Name of Operator: MARBOB ENERGY CORPORATION	9. OGRID Number: 14049
3. Address of Operator: PO BOX 227, ARTESIA, NM 88211-0227	10. Pool name or Wildcat: GRBG JACKSON SR Q GRBG SA

4. Well Location
Unit Letter N : 300 feet from the SOUTH line and 1850 feet from the WEST line
Section 22 Township 17S Range 29E NMPM County EDDY

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*

Pit or Below-grade Tank Application ☐ or Closure ☐
Pit type Depth to Groundwater Distance from nearest fresh water well Distance from nearest surface water
Pit Liner Thickness: mil Below-Grade Tank: Volume bbls; Construction Material

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☒	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
OTHER: ☐		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

MARBOB ENERGY CORPORATION PROPOSES TO PLUG & ABANDON AS FOLLOWS:

1. PULL TBG. RUN CSG SCRAPER TO APPX 325'.
2. SET CIBP @ APPX 325'.
3. FILL 7 5/8" CSG 325' TO SURF W/ 70 SX CLASS "C" + 2% CACL2.
4. POOH W/ TBG & FILL 7 5/8" TO SURFACE W/ CLASS "C" + 2% CACL2.
5. INSTALL BLM SPEC DRY HOLE MARKER & RECLAIM LOCATION TO BLM SPECS.

(SEE ATTACHED SCHEMATICS)

****BLM FORM 3160-5 SUNDRY NOTICE OF INTENT TO PLUG & ABANDON WAS FILED 10/31/05.****

APPROVED WITH ATTACHED CONDITION OCD

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Diana J. Briggs TITLE PRODUCTION ANALYST DATE 11/3/05

Type or print name DIANA J. BRIGGS E-mail address PRODUCTION@MARBOB.COM Telephone No. (505) 748-33

For State Use Only

APPROVED BY: WAYNE PRICE TITLE ENVR. ENGINEER DATE 11/04/2005

Conditions of Approval (if any):

Attachment to C-103 dated 11/03/05

OCD Permit BW-029
Marbob Energy Corporation Brine Well
M Dodd A BW well #1
N-Sec 22-Ts 17s-R29e NMPM Eddy Co. NM.
API 30-015-31998.

OCD Final MIT Requirement:

Marbob shall perform a final Mechanical Integrity Test (MIT) to demonstrate Internal and External integrity. OCD has reviewed the past hydrostatic MIT test "Open to formation" test that indicated that the normal surface test pressure was 220 psig. This would calculate to approximately 370 psi at the casing shoe taking into consideration the hydrostatic head of the casing water. OCD usually requires 300 psig, however due to the shallow natural of the salt section i.e. 350 feet OCD allowed this procedure to reduce the possibility of fracturing the salt.

Therefore, OCD recommends that the MIT be ran using nitrogen gas. OCD has allowed this procedure on other relative shallow brine wells in the area with good success. The test should be ran at 300 psig for a minimum of 30 minutes using a chart recorder with a 2 hours clock and minimum 1000 lb spring, with a recent calibration certification. The nitrogen should be injected slowly at approximately formation temperature 50-60 F and enough volume to displace the casing water to below the shoe of the casing.

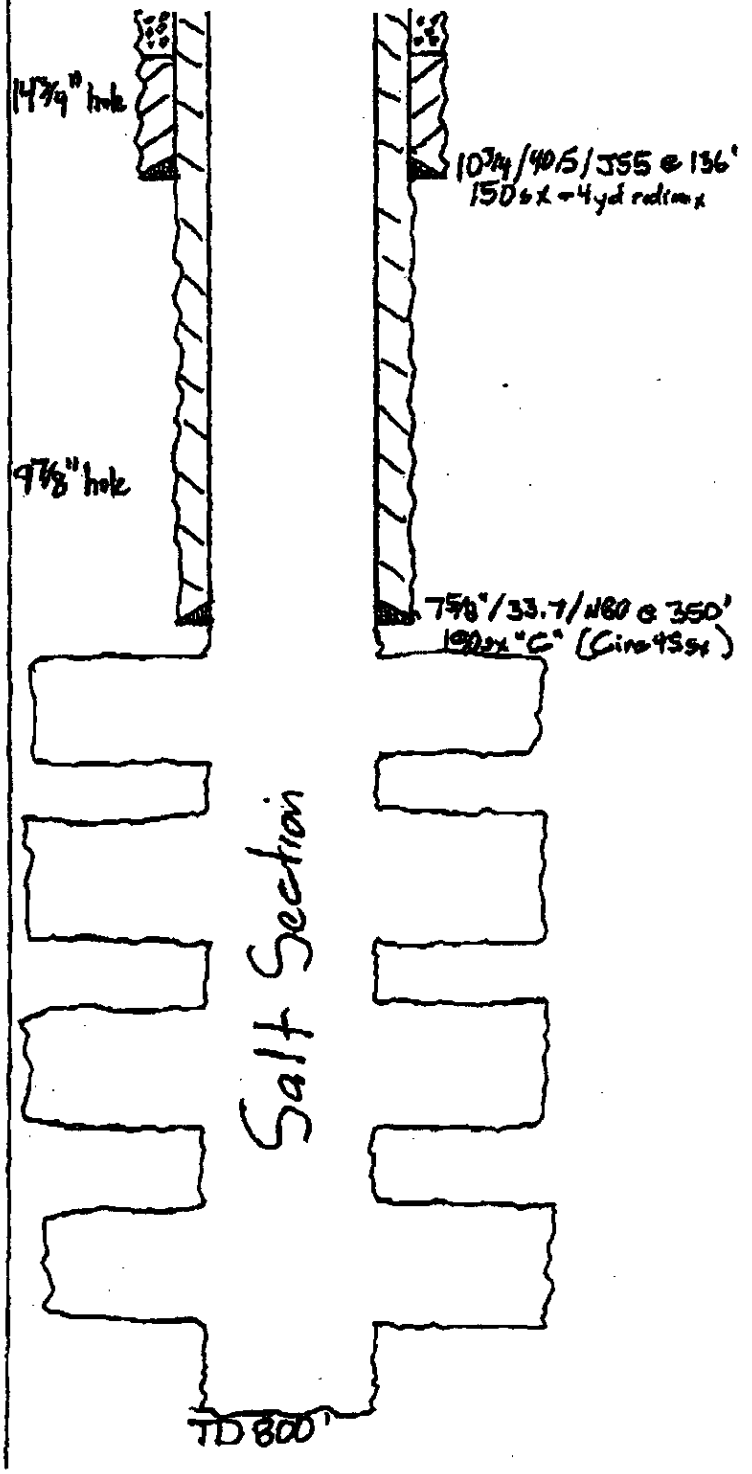
OCD may accept other methods to verify mechanical integrity if pre-approved by OCD.

Please notify the OCD District Office and the Santa Fe Office within 72 hours of the Testing and Plugging event.

Wayne Price _____ Date: 11/04/2005
OCD Environmental Bureau

Sec 11 T 17S R 29E
1850' FWL, 300' FSL
N-22-17S-29E
Eddy, NM

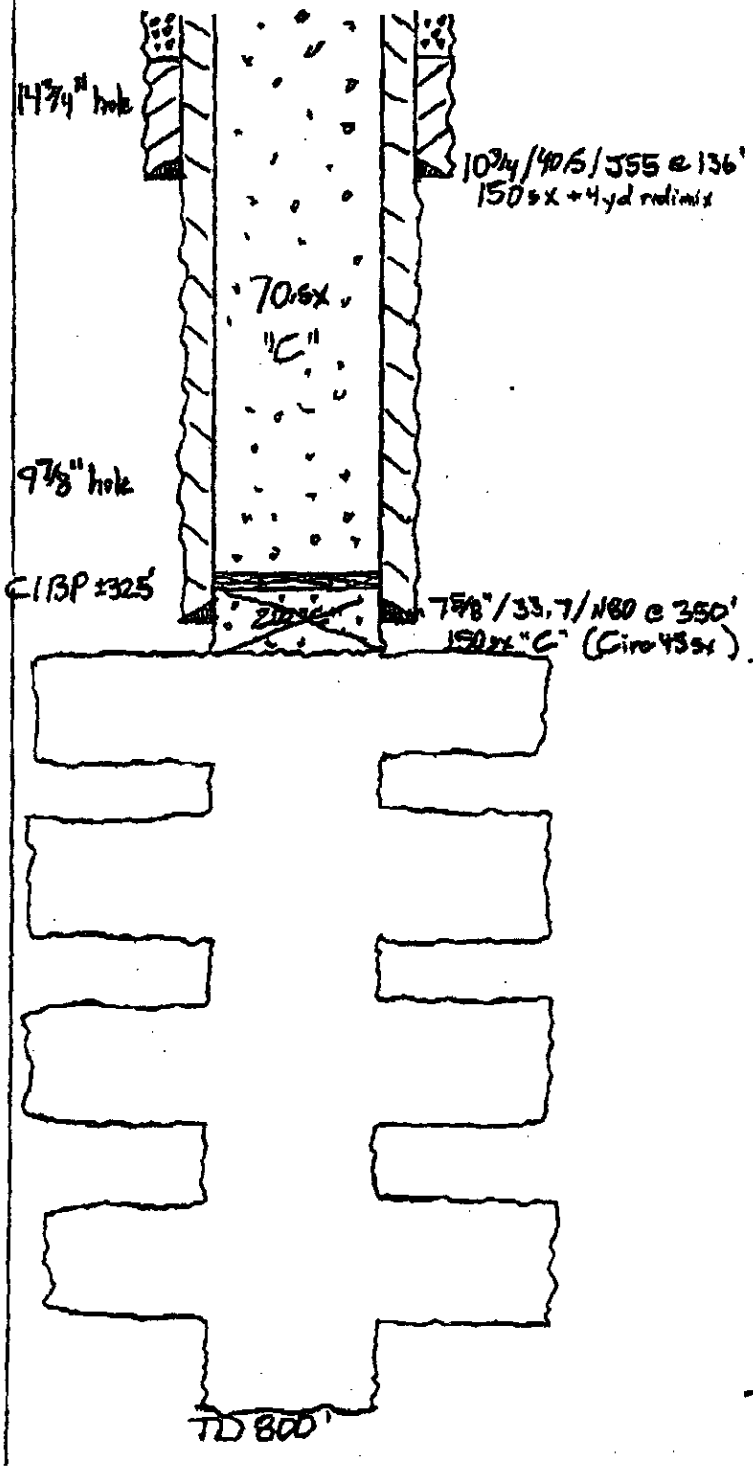
CBW-029)



BEFORE

M. Dodd A Bld. #11
1850' FWL, 300' FSL
N-22-T19S-29E
Eddy, NM

(CBW-029)



Proposed Procedure:

1. Pull tubing. Run casing scraper to ±326'.
2. Set CIBP ±325'
3. ~~Pump 200 sx "C" + 2% $CaCl_2$ and displace to retainer. This plug should cover 7 5/8" shoe but won't achieve squeeze pressure due to cavernous nature of salt below 7 5/8" casing.~~
4. ~~String out of retainer and~~ fill 7 5/8" casing 325' to surface with 70 sx Class "C" + 2% $CaCl_2$.
5. POOH with tubing and fill 7 5/8" to surface with Class "C" + 2% $CaCl_2$
6. Install BLM spec dry hole marker and reclaim location to BLM specs.

Class "C" + 2% $CaCl_2$: 14.8 ppg
1.32 cf/s
6.3 gw/s

AFTER