

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLA
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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 ☐	5. LEASE DESIGNATION AND SERIAL NO. NM-32591
2. NAME OF OPERATOR Union Oil Company of California	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 671 - Midland, Texas 79702	7. UNIT AGREEMENT NAME North Maduro Federal Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1800' FSL & 2060' FWL of Section 20	8. FARM OR LEASE NAME North Maduro Federal Unit
14. PERMIT NO. Unit K	9. WELL NO. 2
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3606' GR	10. FIELD AND POOL, OR WILDCAT Gem Morrow Gas
	11. SEC. T. R., M., OR BLK. AND SURVEY OR AREA Sec. 20, T-19-S, R-33-E
	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:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐	WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐	FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐	SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
REPAIR WELL ☐	CHANGE PLANS ☐	(Other) Test Wolfcamp & Bone Springs ☒	
(Other) ☐		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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.)

1/25/90-Flwd 45BO + 0BW f/6.5 hrs. Oil was 42.5° @60° API grav.-rate 194 MCF-0-FTP 160-0 psi Well died-TR 220BO + 58 of 68 BLW. 2/13-R&S CIBP on WL @ 11,370'. 2/14-TIH w/5 1/2" pkr on 2 7/8" tbg to 11,301'. Test CIBP @ 11,370' to 3000 psi, OK. PU to 10,064'. Test 5 1/2" csg and BOP to 2000 psi, OK. Spot 500 gals 7 1/2% HCl acid f/10,064'-9551'. POOH. 2/15-Perf 2nd Bone Springs sd w/4" DP csg gun 2SPF @ 9940'-10,002', 10/044'-10,064' (166 shots). TIH w/Guib. Uni VI pkr on 2 7/8" tbg to 4400'. Inc. 2/16-R&L 320 jts (9838'); 2 7/8" 6.5# N-80 8rd EUE AB Modified tbg @ 9866' w/Guib Uni-VI pkr @ 9860' in 34,000# compression - SN @ 9858'. ND BOP. Test pkr & 2 7/8" x 5 1/2" annulus to 2000 psi, OK. 2/17-Acid. Bone Springs perfs 9940-10,064' w/4000 gals 7 1/2% HCl acid using 175 1.1 sp. gr. BS to divert @ 4.2 BPM @ 3250-3500 psi-had good bal action w/no breaks. ISIP 2650 (5)2600 (10)2600 (15)2550 psi. TLTR 158 BLW. Swbd 2BO + 76BW f/6 1/2 hrs. FL surf to 8900' (dry). Swbd 1 BPH f/last 3 hrs.-cut 5% oil. TR 76 of 158 BLW. 2/23-R&L 334 jts (10,277') 2 7/8" 6.5# N-80 8rd EUE "AB" Modified new tbg @ 10,300' SN @ 9934', Baker 5 1/2" x 2 7/8" TAC @ 9807' in 16,000# tension. ND BOP. NU well head. RDP. TLTR 229 BLW.

Morrow Perfs:

13,093' - 13,642'

CIBP @ 13,025' (35' cmt/top)

Wolfcamp Perfs

11,402' - 11,426'

CIBP @ 11,370'

Bone Springs Perfs:

ACCT 9,940' - 10,064'

Acct

MAR 5 1990

CARISBELL NEW MEXICO

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

SIGNED

Bobby Bryan

TITLE Drilling Superintendent

DATE 2-27-90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side