

N. M. & G. G. COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TR
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verse side)DATE
OR FEForm approved
Budget Bureau No. 43-21434

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		RECEIVED NOV 29 1976 U.S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO	5. LEASE DESIGNATION AND SERIAL NO. LC 072015-C
2. NAME OF OPERATOR MARALO, INC.			6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----
3. ADDRESS OF OPERATOR P. O. Box 832, Midland, Texas 79701			7. UNIT AGREEMENT NAME -----
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FSL & 1980' FWL, Section 34			8. FARM OR LEASE NAME Hanson-Federal
14. PERMIT NO. DEC 7 1976		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3229 GR, 3246 KB	9. WELL NO. 1
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			10. FIELD AND POOL, OR WILDCAT Avalon (Morrow)
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.)			11. SEC. T. R. M. OR BLM. AND SURVEY OR AREA Section 34, T-20-S, R-27-E
			12. COUNTY OR PARISH Eddy
			13. STATE New Mexico

18. NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Recompletion in Morrow</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(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.)			

RU well service unit; killed well with 10.0 ppg brine; pulled tubing with packer. Set cement retainer at 9520' -- squeezed perfs 9617' to 9653' with 3 stages cement (1st stage 100 sx Class "H"; 2nd stage 50 sx Class "H"; 3rd stage 50 sx Class "H") attained 3500 psi squeeze pressure and held on 3rd stage. Drilled cement retainer at 9520' and hard cement 9520' to 9654' -- pressure tested squeezed interval to 1500 psi without loss. Ran bit to 11,100' and reversed out mud. POH with bit -- ran GR-CBL log from 11,000' to 9000'. WIH with Baker model "R" double grip packer on 2 3/8" tubing. Ran bottom of tubing to 10,959' and displaced hole with 9.2 ppg packer fluid (3% KCl, 1% Champion #2264) -- spotted 250 gals 10% acetic acid 10,959' to 10,699'. Set packer at 10,621', bottom of tubing at 10,658'. Swabbed fluid level down to 8000' for underbalanced condition. Perforated with three tubing gun as follows: (1 shot at each point) 10,866 1/2', 10,868', 10,868 1/2', 10,913', 10,913 1/2', 10,920', 10,920 1/2', 10,922', 10,922 1/2', 10,948, 10,948 1/2', 10,950', 10,950 1/2', 10,952', 10,952 1/2', 10,954', 10,954 1/2' (total of 17 holes). Had 1000 psi on well head after perforating. Opened well to pit and flowed to clean up 3 hours. Closed well in for build up November 11, 1976. Completion date: November 11, 1976.

Conducted CAOF test November 17, 1976 -- CAOF 2560 MCFPD.

Well closed in waiting on sales connection.

18. I hereby certify that the foregoing is true and correct			
SIGNED <u>Josh Leman</u>	TITLE <u>Manager-Engineer</u>	DATE <u>November 24, 1976</u>	
(This space for Federal or State office use)			
APPROVED BY <u>Joe J. Lara</u>	TITLE <u>ACTING DISTRICT ENGINEER</u>	DATE <u>DEC 6 1976</u>	
CONDITIONS OF APPROVAL, IF ANY:			