

UNION STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE
(Other Instructions on
reverse side)Copy to D. T.
Form approved
Budget Bureau No. 42-R1424.

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		5. LEASE DESIGNATION AND SERIAL NO. NM-9550	
2. NAME OF OPERATOR Mesa Petroleum Co ✓		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 1000 Vaughn Building/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' FNL & 1980' FWL of Section 9		8. FARM OR LEASE NAME Bindel Federal Com	
14. PERMIT NO.		9. WELL NO. 1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3146 GR		10. FIELD AND POOL, OR WILDCAT S. Carlsbad/Morrow	
O. C. C. ARTESIA, OFFICE		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 9, T23S, R27E	
		12. COUNTY OR PARISH Eddy	
		13. STATE New Mexico	

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)

Status Report ☒

(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.)*

MICU on 11-16-77. Tested csg to 1500 psi - 30" ok. Perf'd 11,716'-720', 11,778'-798', 11,801'-805', 11,876'-880', 11,984'-990'. Tested Morrow perfs 11,716'---990' with 1500 gal 7.5% HCL, ball sealers, and nitrogen. Had weak recovery. Reacidized with 7000 gals 10% HCL, ball sealers, and nitrogen. Experienced slow recovery with larger amount of water. Ran temperature survey to evaluate zone(s) of major entry. Major portion of gas was entering wellbore from perfs at 11,778'-798' and 11,801'-805' with small amount of gas entering from perfs at 11,716'-720'. Also had slight anomaly at 11,876'-880' with no observed entry from 11,984'-990'. Ran 72 hr BHP buildup survey. Survey indicated little damage with fair permeability and 72 hr pressure of 4734 psi at midpoint of perfs. Flow tested well periodically thru December to remove additional fluids. Turned thru test separator and gauged 537 MCF/D with 90-95 BWPD at 115 psi FTP. Reran 72 hr BHP buildup with little change in damage, permeability, or pressures. Postponed operations while evaluation of similar zones in an offset well was in progress. Resumed operations on 2-8-78. Set retrievable bridge plug at 11,850' to determine if water production could be reduced or eliminated by testing top three zones only. Initial results indicated that no decrease in water production was apparent. There was a slight reduction in the amount of gas production. A simulated production test against 760 psi back pressure on 2-27-78 resulted in a gauge of 200 MCF/D and 72 BWPD. Present status: Negotiating with gas companies.

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

SIGNED

Michael P. Houston

TITLE Division Engineer

DATE 3-2-78

(This space for Federal or State office use)

APPROVED BY

Joe L. Lara

TITLE ACTING DISTRICT ENGINEER

DATE MAR 13 1978

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

XC: JLF, MEC, JWH, USGS, W.I.OWNERS