

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 0226792

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

La Plata Mancos

8. FARM OR LEASE NAME

9. WELL NO.

1 (P-31)

10. FIELD AND POOL, OR WILDCAT

La Plata Gallup

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 31, T-32N, R-13W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6062' GR

12. COUNTY OR PARISH 13. STATE

San Juan New Mexico

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 ☐

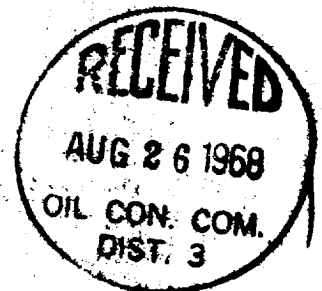
ABANDONMENT* ☐

(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.)*

7-25-68 TD 2700' RKB. Set 83 joints 2686' of 7-5/8" OD 26.40# J-55 casing at 2700' with 500 sacks cement.

7-26-68 Pressured up on casing to 1000#. No pressure decrease in one hour.



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

SIGNED

TITLE **Vice-President**

DATE **8-22-68**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Instructions

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SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

BENSON-MONTIN-ORFER DRILLING CORP.

3. ADDRESS OF OPERATOR

221 Petroleum Center Building, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

660' FSL, 990' FEL, Sec. 31, T-32N, R-13W, N.M.P.M.

7. UNIT AGREEMENT NAME

La Plata Mancos

8. FARM OR LEASE NAME

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5062' GR

12. COUNTY OR PARISH

San Juan

13. STATE

New Mex.

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REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

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FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

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8- 1-68 TD 3042' RKB. Ran liner consisting of 20 joints 648' of 5-1/2" OD 15.5# J-55 casing, cemented with 85 sacks cement. Top of liner 2389', bottom 3042'.

8- 7-68 Pressured up on liner to 1000#. No pressure decrease in one hour.



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8- 8-68 TD 3042'. Cleaned out to 3014'. Perforated with 2 shots per foot from 2943' to 2975'. Ran packer to 2428'. Spotted 500 gallons 15% acid. Broke formation down with 1600#. Displaced acid with average pumping pressure of 700#.

8- 9-68 Swabbed back acid water.

8-10-68 Unseated packer. Spotted 500 gallons 15% acid on bottom. Pulled tubing and packer.

RECEIVED

AUG 23 1968

U.S. GEOLOGICAL SURVEY



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8-10-68 Sand-oil fractured from 2943' to 2975' with 150,000# 20/40 sand, 150,000# 10/20 sand and 4,870 barrels crude oil, flushed with 140 barrels crude oil. Average overall injection rate 90.5 barrels per minute. Average overall treating pressure 2600#, maximum 2800#, minimum 2300#. Hydraulic horsepower 5,450. Instantaneous SDP 1000#. 5-min. SIP 500#.

8-13-68 Measured in and found top of sand at 2935' ground level. Cleaned out to TD 3014'.

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GEOLOGICAL SURVEY

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OIL CON. COM.
DIST. 3

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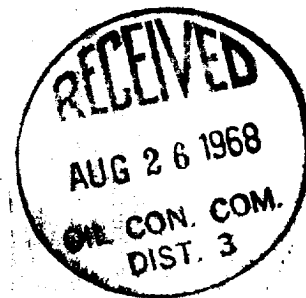
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7-14-68 TD 281' RKB. Set 9 joints 275' or 13-3/8" OD 48# J-55 casing at 276' with 330 sacks cement, 2% calcium chloride.

7-15-68 Pressured up on casing to 500#. No pressure decrease in 30 minutes.



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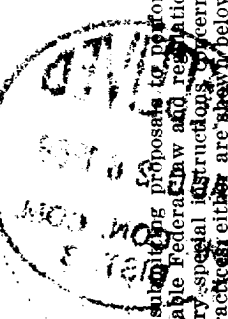
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