

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SF 078760

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Ross Unit

8. FARM OR LEASE NAME

9. WELL NO.

54

10. FIELD AND POOL, OR WILDCAT

Blanco MV-Basin Dakota

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

**NE/4 SW/4 Section 36,
T-31-N, R-5-W**

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

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

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR
501 Airport Drive, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1585' PSL & 1575' PNL

14. PERMIT NO.

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

6800' GL, 6813' KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

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PULL OR ALTER CASING

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FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

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☒
☐
☐
☐

REPAIRING WELL

ALTERING CASING

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) **Int. & Oil string & completion**

(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.)*

On 8-22-73 the hole was reduced to 9-7/8" at 311' and drilling continued to 4036'. The 7-5/8" intermediate casing was set at 4035' on 9-2-73 with 750 sacks Class "A" 50-50 Pozmix with 6X Gal and 2 lbs. Tuf Plug per sack followed by 50 sacks Class "A" Neat. The cement did not circulate. Drilling continued to a total depth of 8303' where on 9-10-73 the 4-1/2" casing was set at 8494' with DV tool at 6184'. The first stage was cemented with 160 sacks Class "B" cement with 6X Gal and 2 lbs. medium Tuf Plug followed with 50 sacks Class "B" Neat. Cemented second stage with 300 sacks Class "B" cement with 6X Gal and 2 lbs. medium Tuf Plug and 50 sacks Class "B" Neat. Ran tubing and tagged cement at 6146' and drilled cement and DV tool at 6184'. Cement bond log showed good bond 4426' with bottom good bond at 6250' AND NO BOND 6800' to TD. Shot 2 holes at 8459-8460' with cement retainer set at 8449'. Squeezed below retainer with 100 sacks Class "A" cement with 4X HR-4 retarder with injection rate 1-1/2 BPM at 2300 psi. Maximum pressure 2700 and final pressure 2400 psi. Reversed out 1-1/2 barrels cement. Waited on cement 24 hours and cement bond log showed top cement at 8290', good bond 8449-8290'. Shot 2 holes 8286-87'. Set a retrievable packer at 7860' and squeezed below packer with 100 sacks Class "A" cement. Injection rate 1-1/2 BPM at 3400 psi. Final pressure 4500 psi. Reversed out 3 barrels cement. Ran tubing, tagged cement at 7860' and drilled cement to 8291' and fell out. Cleaned out to TD and circulated hole clean. On 9-27-73 perforated 8286-8302', 8330-46', 8352-60', and 8378-96' with 1 SPF. Set bridge plug at 8410' and spotted acid on perfs at 8378-96'. Set packer at 8372' and acidized with 250 gallons 15X HCl. BHP 2000. Pumped 1 BPM at 2500 psi. Reset bridge plug at 8372' and spotted acid on perfs 8330-46' and 8352-60'. Reset packer at 8316' and acidized

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

SIGNED

TITLE

DATE **October 10, 1973**

(This space for Federal or State office use)

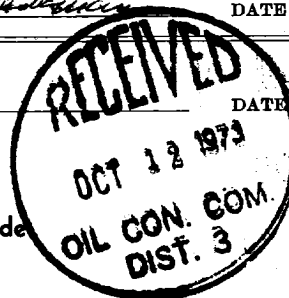
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant mineral contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

with 300 gallons 15X HCl. BHP 2000. Pumped 2 BPM with 2850 psi. Reset bridge plug at 8320' and spotted acid over perforations 8286-8302'. Reset packer at 8268' and acidized with 250 gallons 15X HCl. BHP 2100, Pumped 2 BPM with 2850 psi. Recovered bridge plug and packer.

On 10-1-73 attempted to frac well but screened out after pumping 39,570 gallons treated water (66% condensate and 33% water) and 16,000 pounds 100 mesh sand in well. Initial injection rate was 10 BPM at 3000 psi then injection rate decreased to zero. Blew well 10-1/2 hours to unload. Ran wireline tool to 8158' and could go no deeper. Ran tubing to 8166' and could go no deeper. Impression block showed collapsed casing at 8166'.

