

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

87 076337

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Outierres Gas Com

9. WELL NO.

1A

10. FIELD AND POOL, OR WILDCAT

Blanco Manaverde11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA**SE/4 SE/4 Section 4,
T-29-N, R-9-W**

12. COUNTY OR PARISH

San Juan

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	14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		3636' GL
3. ADDRESS OF OPERATOR 301 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 790' FEL & 790' FEL, Section 4, T-29-N, R-9-W		

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* ☐**Spud & set casing**(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.)*

Spud 12-1/4" hole 1-18-77 and drilled to 266'. Set 9-5/8" casing at 266' with 280 sacks Class "B" with 2X CaCl₂ on 1-19-77. Cement circulated. Waited on cement to set and pressured up on BOP to 500 psi 30 minutes OK. Reduced hole to 8-3/4" at 266' and continued drilling to 2650', encountering a 1" water flow at 400'. Set 7" casing at 2650'. Cemented with 410 sacks Class "B" 6X Gal and 2 pounds medium Tuf Plug per sack followed with 50 sacks Class "B" Rest on 1-22-77. Cement did not circulate and did not shut off water flow. Waited on cement to set and pressured up to 700 psi on BOP, casing and manifold. Bradenhead squeezed with 100 sacks Class "B" with 2X CaCl₂ with maximum pressure 350 psi. Reduced hole to 6-1/4" and continued drilling to TD 4863'. Ran 4-1/2" liner 2445-4863'. Pumped in 200 sacks Class "B" cement with 50:50 Poz, 6X Gal, 2 pounds Tuf Plug per sack, 0.2X friction reducer followed with 75 sacks Class "B" 50:50 Poz, 6X Gal on 1-25-77. Circulated cement.



MAR 4 1977

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

SIGNED

E. L. Soboda

TITLE

Area Adm. Supvr.

DATE

3-2-77

(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 fluid 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.

UNITED STATES
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GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
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verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

ST 076397

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Gutierrez Gas Co

9. WELL NO.

1A

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverte11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA**SE/4 SE/4 Section 4,
T-29-N, R-9-W**

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San Juan

13. STATE

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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 874014. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface**790' FSL & 790' FSL, Section 4, T-29-N, R-9-W**

14. PERMIT NO.

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

3636' GL, 5649' 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

☐
☐
☐
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) **Perf & Frac****X**(NOTE: Report results of multiple completion on Well
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Moved in and rigged up service unit on 2-7-77. Circulated hole with 1X KCl water. Pressure tested casing to 3000 psi OK. Spotted 500 gallons 15X HCl. Perforated 4318-24', 4334-38, 4356-60, 4368-4375, 4394-98, 4400-04, 4496-4520, 4526-32, 4532-60, 4566-76, 4580-86, 4608-12, 4656-60, and 4680-84 with 1 SPF. Fraced first stage with 5,400 gallon pad frac fluid containing 1X KCl water, 1 gallon F-59 surfactant per 1000 gallons water and 20 pounds J-133 per 1000 gallons water, 86,400 pounds 20-40 sand and 21,600 pounds 10-20 sand in 94,000 gallons frac fluid. Average treating pressure 2000, maximum 2800, AIR 80 BPM, maximum 90 BPM. Dropped 20 balls 1/3 of the way thru the frac, pressure increased from 1500-2800 psi, dropped 25 additional balls, no pressure increase. Set bridge plug at 4280' and pressure tested to 3000 psi OK. Perfed 3880-90, 3906-24, 3930-34, 3938-52, 3966-80, 3982-86, 4010-40, 4060-66, 4094-4100, 4152-60, 4192-4200, 4206-10, 4214-16, 4220-24, 4240-46 with 1 SPF. Frac second stage with 7,590 gallon pad frac fluid, additives same as first stage, 121,400 pounds 20-40 sand and 30,400 pounds 10-20 sand in 75,900 gallons frac fluid. Average treating pressure 2100 psi, maximum 2900 psi. AIR 95 BPM, maximum 107 BPM. Breakdown pressure 1400 psi. Dropped 25 balls 1/3 of the way thru frac, pressure increased from 1600-1850. Dropped 25 additional balls, pressure increased 1800-2900. Cleaned out to bridge plug at 4280', drilled bridge plug and cleaned out well to FSD 4803'. Landed 2-3/8" tubing at 4664'.

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

SIGNED

E. E. Soboda

TITLE

Area Adm. Supvr.

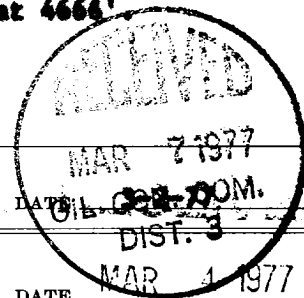
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