

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

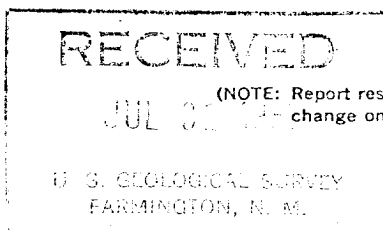
1. oil well ☐ gas well ☒ other ☐
2. NAME OF OPERATOR
Amoco Production Company
3. ADDRESS OF OPERATOR
501 Airport Dr., Farmington, NM 87401
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1190' FNL x 790' FEL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☒
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☒
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

- ☐
☐
☐
☐
☐
☐
☐
☐
☐
☐



5. LEASE
Jicarilla Contract 147
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Jicarilla Contract 147
9. WELL NO.
3
10. FIELD OR WILDCAT NAME
Basin Dakota
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/4, NE/4, Section 6, T25N, R5W
12. COUNTY OR PARISH
Rio Arriba
13. STATE
New Mexico
14. API NO.
30-039-06181
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6665' G.L.

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.)*

Amoco Production Company plans to repair the Basin Dakota formation in the above mentioned well as follows:

1. Pull Production tubing out of hole at 6977' and clean well out to 7406' with 2% KCL water.
2. Perforate Basin Dakota intervals from 7215'-7238' and 7254'-7271', with 4 SPF, a total of 160 holes.
3. Trip in hole with 2 7/8" Buttress Tubing and set retrievable packer at 7113'.
4. Pressure up backside and attempt to monitor pressure on backside to determine

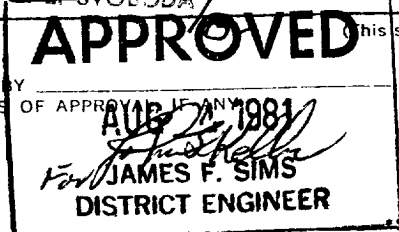
(OVER)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED _____ Original Signed By _____ TITLE Dist. Admin. Supvr. DATE JUL 30 1981

APPROVED BY _____ (This space for Federal or State office use)
CONDITIONS OF APPROVAL IF ANY _____ TITLE _____ DATE _____



NMOCC

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.

if communication is present between Main Dakota and Graneros Dakota. Establish rate at 25 BPM.

5. Shut down and obtain initial shut-in pressure.
6. Breakdown perforations with 1000 gallons of 15% HCL acid and 240 ball sealers.
7. Release packer and trip down into the hole to knock balls off perforations. Reset packer at 7113'.
8. Frac with 40# cross-linked gel containing 5% condensate, 2% KCL water, and 1 gallon surfactant per 1000 gallon gel, along with 122,500 pounds of 20-40 sand.
9. Flush well with 43 barrels of 2% KCL water and leave well shut-in for 3 hours.
10. Run three temperature surveys from 6900' to 7406' at 45-minute intervals.
11. Trip out of hole with packer and work string.
12. Trip in hole with Production string and land at 7291'. Swab and clean up well.