

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.)

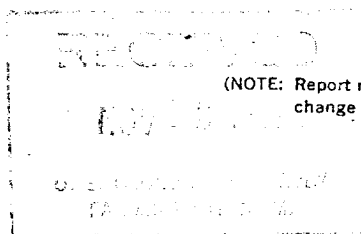
1. oil ☐ well gas ☒ well other ☐
2. NAME OF OPERATOR
Amoco Production Company
3. ADDRESS OF OPERATOR
501 Airport Drive, Farmington, NM 87401
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1520' FSL x 800' FEL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

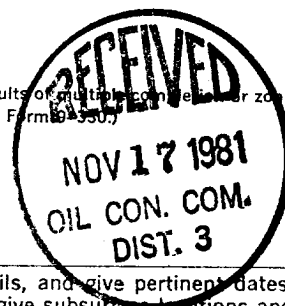
- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☒
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

- ☐
☐
☐
☐
☐
☐
☐
☐
☐
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(NOTE: Report results of multiple completion or zone change in Form 9-330.)



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 abandon the pictured cliff formation and then move uphole to complete the Fruitland formation as follows:

- 1) Trip out 2-3/8" tubing
- 2) Trip in with 2-3/8" tubing with mechanically set cement retainer. Set cement retainer at 1790'.
- 3) Squeeze interval 1809-1847 with 100 sacks of class "B" cement, containing 1% fluid loss additive.
- 4) Circulate hole clean and trip out with 2-3/8" tubing.

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

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

OVER

SIGNED _____ Original Signed By: _____ TITLE Dist. Admin. Supvr DATE 11-11-81
E. E. SVOGLA

APPROVED BY _____ (This space for Federal or State office use) DATE 11-16-81
CONDITIONS OF APPROVAL, IF ANY: _____

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.

- 5) Pressure test casing to 3830 PSI.
- 6) Perforate interval 1597-1607 with 2 jspf.
- 7) Breakdown entire interval with 1750 gallons of 2% KCL water and 28 ball sealers. Shut-in for initial shut-in pressure.
- 8) Run junk basket to knock balls off perforations.
- 9) Frac Fruitland with 18,000 gallons of quality foam and 28,500 pounds of 20-40 sand as follows:

<u>Foam (Gal.)</u>	<u>Sand Cone</u>	<u>Rate (BPM)</u>
3000	PAD	30
1500	1 PPG	30
13,500	2 PPG	30
500	Flush	30

Verbal approval from USGS via telecon Callier (Amoco) and Mr. Dean Elliott (USGS) on 10-30-81.