

SUNDRY NOTICES AND REPORTS ON WELLS

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: 1390' FSL x 890' FEL

AT TOP PROD. INTERVAL: Same

AT TOTAL DEPTH: Same
Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,
REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

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

(other) ☒ Completion Summary

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RECEIVED (NOT

100-100000

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

(NOTE: Report results of multiple completion or zone change on 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.)*

Moved in and rigged up service unit 7-20-80. Perforated intervals 6924-6944' and 6945-6958' with 2 SPF. Attempted to foam frac Dakota. Frac sanding off with 19,000 lbs. of 20-40 sand in formation. Cleaned out sand and pumped 10,000 gallons foam pad. Tried to start sand and sanding off when sand hit perfs. Clean out sand and frac with 38,000 gallons 40 pound crosslinked gelled water. Could not complete flush due to high pressure. Clean out sand and pumped 2% KCl water to establish rate. Well pressured out. Spotted 1000 gallons 15% HCl over perfs. Perforated 6924-6944' and 6948-6958' with 4 SPF. Pumped 2% KCl water to establish rate and could not. Well would not flow. Swabbed well dry and still would not flow. Set drillable bridge plug at 6830' and perforated Greenhorn interval 6722-78' with 2 SPF. Spotted 3 bbls. of 15% acid over perf. Attempted to breakdown with 1000 gallons 15% acid. Could not

(over)

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

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

SIGNED Wayne L Peters TITLE Dist. Engineer DATE 1-19-57

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

ACCEPTED FOR RECORD

JAN 26 1982

FARMINGTON DISTRICT

84

*See Instructions on Reverse Side

NMOCC

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.

(Cont'd)

determine if formation had broken down. Dropped 200 balls and could not see any ball action. Spotted acid over perfs then pumped 1000 gallons 15% HCl at 6 BPM at 5100 psi. Swabbed well and recovered 71 bbls. of gas cut fluid. Put well on flow test. Finished flow test and frac Greenhorn with 94,000 gallons frac fluid and 73,000 pounds 20-40 sand. Flowed well to pit. Cleaned out sand and swabbed well. Released service unit 8-9-80.

Moved in and rigged up swab unit 8-12-80. Swabbed well and it kicked off. Released swab unit 8-14-80. Flowed well to clean up. Flow tested well.

Finished flow test and moved in and rigged up service unit 8-27-80. Set drillable bridge plug at 6350. Perforated Gallup intervals 6139-6260' with 2 SPF. Broke down formation at 1400 psi with 2% KCl water. Dropped balls and saw no ball off. Set retrievable bridge plug at 6100'. Perforated Gallup interval 5968-6058'. Broke down with 2% KCl water at 2400 psi. Dropped balls and saw no ball off. Retrieved bridge plug and swabbed well. Recovered 108 bbls. of gas cut fluid. Swabbed well and it kicked off. Flowed well to clean up and test. Service unit released 9-5-80.

Move in and rig up service unit 9-9-80. Frac Gallup with 392,000 gallons 40 pound crosslinked gelled water and 714,000 pounds 20-40 sand. Frac sand off with 353,000 pounds of sand in formation. Cleaned out sand and flowed to clean up. Released service unit 9-13-80.

Moved in and rigged up swab unit 9-16-80. Swabbed well and it kicked off. Released swab unit and flowed well to clean up.

Moved in and rigged up swab unit 10-15-80. Swabbed well and it kicked off. Released swab unit 10-25-80. ☆ GPO

Moved in and rigged up service unit 1-8-81. Drilled out bridge plug at 6350'. Spotted 5 sx Class B cement with dump bailer at 6830'. Set production packer at 6672'. Land 2-1/16 inch tubing at 6257' to produce Gallup, land 2-3/8 inch tubing at 6778' to produce Greenhorn. Opened up Greenhorn and Gallup to flow. Rig released 1-15-81.

Completed as shut in gas well 1390 FSL, 890 FEL Sec. 9, T32N, R12W, San Juan County, New Mexico 1-15-81. (Continued on Page 2)

Moved in and rigged up service unit 10-1-81. Milled out packer.

Set drillable bridge plug at 4705'. Perforated Mesaverde interval 4426-4464'. Well kicked off. Killed well and perfed 4474-4511', 4514-4517', 4523-4527', 4557-4577' and 4592-4597'. Well kicked off. Killed well and set drillable bridge plug at 4200'. Perforated intervals 3979-4040' with 2 SPF. Frac with 40,000 gallons gelled water and 64,000 pounds 20-40 sand. Flowed well to clean up. Well died. Swabbed well and it would not kick off. Squeezed interval 3979-4040' with 100 sx of RSC 10-2 containing 1% fluid loss additive. Drilled out cement and clean out sand to bridge plug at 4215'. Tripped out with bridge plug. Set production packer at 4748'. Landed 2-3/8 tubing at 6648' to produce Greenhorn and Gallup; land 2-1/16 inch tubing at 4520' to produce Mesaverde. Rig released 11-4-81.