

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)Form approved.  
Budget Bureau No. 42-K1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM-14921

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## 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 <input type="checkbox"/> GAS <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/>                                                               | 7. UNIT AGREEMENT NAME<br><b>Valencia Canyon</b>                                               |
| 2. NAME OF OPERATOR<br><b>AMOCO PRODUCTION COMPANY</b>                                                                                                                                             | 8. FARM OR LEASE NAME<br><b>Valencia Canyon Unit</b>                                           |
| 3. ADDRESS OF OPERATOR<br><b>501 Airport Drive, Farmington, New Mexico 87401</b>                                                                                                                   | 9. WELL NO.<br><b>2</b>                                                                        |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)<br>At surface<br><b>1050' FNL &amp; 1140' FEL, Section 27, T-28-N, R-4-W</b> | 10. FIELD AND POOL, OR WILDCAT<br><b>Chona Mesa Pictured Cliffs</b>                            |
| 14. PERMIT NO.                                                                                                                                                                                     | 15. ELEVATIONS (Show whether DF, RT, OR, etc.)<br><b>7235' GL</b>                              |
|                                                                                                                                                                                                    | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br><b>NE/4 NE/4 Section 27, T-28-N, R-4-W</b> |
|                                                                                                                                                                                                    | 12. COUNTY OR PARISH<br><b>Rio Arriba</b>                                                      |
|                                                                                                                                                                                                    | 13. STATE<br><b>New Mexico</b>                                                                 |

## 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\* ☐**Repair casing leak** ☒

(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.) \*

Moved in service unit 9-24-75, ran 2-3/8" tubing, tagged cement at 4312' and circulated hole clean. Pressured casing to 3800 psi. Held 8 minutes and gave way with pressure dropping to 0 immediately. 9-26-75 Set a 4-1/2" Model "C" full bore packer at 515'. Searched for and found hole at 925'. Pressured up with 1500 psi and packer did not hold. Pulled tubing and packer. 9-27-75 Ran tubing with packer set at 515'. Pressured up on annulus to 1500 psi for 15 minutes OK. Cement squeezed with 250 sacks cement with 2X CaCl2. Circulated cement out bradenhead. Closed bradenhead valve and squeezed 50 sacks into formation. Flushed out bradenhead valve. Maximum pressure on casing and tubing 1500 psi. Pulled tubing and packer and WOC 23 hours. Ran tubing and tagged cement at 795'. Drilled cement to 925' and fell out. Tested casing to 1000 psi and bled to 150 psi in 15 minutes. Pumped into formation at 5 BPM at 1300 psi. WOC. Set a 4-1/2" Model "C" full bore packer at 931' and pressured below packer to 1500 psi OK. Reset packer at 871'. Tested above packer with 1500 psi OK. Pumped in below packer at 4 BPM with 1000 psi. Reset packer at 513' and pressured backside to 1500 psi. Squeezed with 100 sacks Class "B" cement with 2X CaCl2 at 1/2 BPM on 9-29-75. WOC 36 hours. Tagged cement at 516' and drilled cement to 930' and fell out. Tested 4-1/2" casing to 1000 psi and dropped 300 psi in 1 hour. Ran tubing with packer set at 515'. Pressured backside to 1000 psi. 10-2-75 squeezed hole in 4-1/2" casing at 925' with 65 sacks Class "B" cement with 3X CaCl2 at 2-1/4 BPM with 1300 psi. Maximum pressure 2000 psi. Pulled packer to 290' and set. Pressured backside to 1000 psi and below packer to 2000 psi. WOC. Ran tubing and tagged cement at 590'. Drilled cement to 930' and fell out. Cleaned out hole to 4307' PBD.

(see page 2)

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

SIGNED

*B. L. Hamilton*

TITLE

Area Adm. Supvr.

DATE

October 30, 1975

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

\*See Instructions on Reverse Side

OCT 31 1975  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, N.M.

## 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.

10-5-75 perforated intervals 4216-52', 4190-98', 4168-82', 4089-4100' and 4058-73' with 1 SP. Set a retrievable bridge plug at 4270 with 4-1/2" Model "KA" retrievable packer and tubing center on tubing. Circulated hole with 1X KCl water. Tested tubing to 5000 psi OK. Spotted 500 gallons 15X HCl over perforations 4168-4252'. Set packer at 4150'. AIR 1100 psi. AIR 5-1/2 RPM at 1500 psi. Released packer and bridge plug and reset at 4150'. Spotted 500 gallons 15X HCl over perforations 4058-4100'. Set packer at 4032' and pressured annulus to 600 psi. AIR 500 psi. AIR 5 RPM at 1550 psi. Released packer and bridge plug. Set packer at 3970'. 10-7-75 fraced down tubing with frac fluid containing 20 lbs. Col per 1000 gallons with 1X KCl. Pumped in a pad of 4500 gallons treated water and fraced with total of 90,000 gallons fluid, 40,000 lbs. 20-40 sand and 50,000 lbs. 10-20 sand. Dropped 45 ball sealers midway thru frac. Average crossing pressure 3900 psi with AIR 25 RPM. Run tubing 2-3/8" and cleaned out sand to 4307' PWD. 10-9-75 set a 4-1/2" Lock-set packer on 2-3/8" tubing with tubing set at 4193' KB and packer set at 3972' KB.