

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

MI-14917

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 WELL GAS WELL OTHER

2. NAME OF OPERATOR

AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

501 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' FSL & 940' FWL

7. UNIT AGREEMENT NAME

Valencia Canyon

8. FARM OR LEASE NAME

Valencia Canyon Unit

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

**Wildcat
(Und. Pict. Cliffs interval)**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

SW/4 SW/4 Section 23,

T-28-N, R-4-W

14. PERMIT NO.

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

7082' GL, 7095' KB

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

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)

Set Casing

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

NV-Dak

(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.)*

On 8-9-73 the 7-5/8" casing was set at 4208' with 650 sacks cement. Drilling continued to a TD of 8505' with the 4-1/2" casing set at 8454' and DV tool at 6350' on 8-18-73. The first stage was cemented with 150 sacks Class "C" 50-50 Fos, 6% Gel and 2 lbs. Tuf Plug per sack followed by 50 sacks Class "C" Heat. Cemented second stage with 300 sacks Class "C" 50-50 Fos, 6% Gel and 2 lbs. Tuf Plug per sack followed by 50 sacks Class "C" Heat. On 8-29-73 the hole was displaced with 0.8% KCl water and 500 gallons 7-1/2% regular acid was spotted at 8434'. Perforated interval 8404-34' with 1 SPF. Fraced with 10,000 gal. Gel pad, 10,000 lbs. 40-60 sand and 20,000 lbs. 20-40 sand and screened out. AIR 29 BPM with treating pressure 3750 psi. Pumped 6600 lbs. 10-20 sand and screened out. AIR 12 BPM with treating pressure 3700 psi. Pumped 3400 lbs. 10-20 sand and screened out. AIR 7 BPM with treating pressure 3700 psi. Blew well to clean up and well made water and gas too small to measure. On 9-8-73 set a Model "K" cement retainer at 6500' and squeezed Dakota perfs below retainer with 100 sacks Class "A" cement. Maximum and final squeeze pressure 4100 psi. Top cement 7272' with 13 sacks in formation. Displaced hole with 0.8% KCl water. Spotted 1000 gallons 7-1/2% regular HCl water at 6291'. On 9-9-73 perfoed Masaverda 5826-94', 6044-49', 6074-80', 6097-6106', 6141-45', 6160-72', 6190-6202' & 6285-6291' with 1 SPF. Sand-water fraced with 69,342 gallons treated water with 10 lbs. Gel per 1000 gallons and 0.8% KCl, 13,000 lbs. 20-40 and 45,000 lbs. 10-20 sand. Breakdown pressure 1000, maximum 3600 and average 3200 psi. AIR 47.7 BPM. Blew well after frac to clean up with well making water and gas too small to measure. On 9-16-73 set a Model "K" retainer at 5820' and pressured annulus with 1000 psig. On 9-16-73 squeezed 100 sacks Class "A" cement thru retainer, reversing out a trace of cement.

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

(Over)

SIGNED ARNOLD SNELL

TITLE Area Engineer

DATE October 25, 1973

(This space for Federal or State office use)

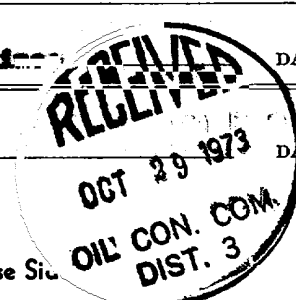
APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



Handwritten initials

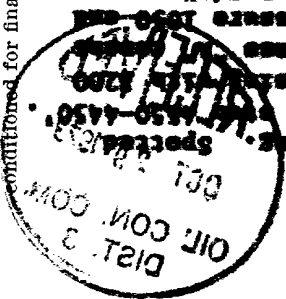
Instructions

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; method of placing cement 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.

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Cut casing at 4500' and pulled 4500' of 4-1/2" casing. Spotted 4500-4550' cement across casing "A" cement retainer at 4150' and cased 7-5/8" casing. On 9-17-73 pumped 40 sacks Class late formation at 4 MPH with 1400 psi. Maximum pressure 1050 and final 800. Reworked out 1/2 barrel cement. Treated 7-5/8" casing and BOP to 3200 psi for 1/4 hour OK. Displaced hole with 0.8% KCl water and spotted 500 Gallons 15% HCl. On 9-18-73 period 3918-30', 3990-4004', 4008-14', 4024-42', 4048-54' with 1 SP. Sand-water traced with 44,184 gallons treated water, 20,000 pounds 20-40 and 20,000 pounds 10-20 sand with 28 ball sealers midway thru frac. Maximum treating pressure 1000, minimum 900, average 915. Air 35 RPM. Cleaned out well to 784 4150'. Ran 2-3/8" production tubing to 4045' and cased well in with well making gas.