

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT - " for such proposals

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Amoco Production Company Attention E. R. Nicholson

3. Address and Telephone No.  
P. O. Box 800, Denver, Colorado (303) 830-5014

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1050' FNL, 1130' FWL "Unit D" Sec. 15, T28N-R4W

5. Lease Designation and Serial No.  
NM-14915

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
Valencia Canyon Unit #24

9. API Well No.  
30 039 21592

10. Field and Pool, or Exploratory Area  
Choza Mesa Pictured Cliffs

11. County or Parish, State  
Rio Arriba, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment

**RECEIVED**  
MAY 19 1993  
OIL CON. D  
DIST. 3

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☒ Casing Repair  
☐ Altering Casing  
☐ Other

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

[Note: Report results of multiple completion on well Completion or  
Recompletion Report and Log form.]

13. 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.)

(See Attached Procedures)

Amoco also request approval to construct a temporary 15'X15'X5' blow pit for return fluids. This pit will be reclaimed if utilized, upon completion of this operation.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

<REQUEST VERBAL APPROVAL>

Rec'd verbal approval BLM District Manager  
Wayne  
5/10/93

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

Signed

*E. R. Nicholson*

Title

*Asst. Adm. Analyst*

Date

*5/10/93*

(This space for Federal or State office use)

APPROVED

Approved by

Title

Conditions of approval, if any:

MAY 14 1993

DISTRICT MANAGER

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

## WORKOVER PROCEDURE

### Casing Leak

May 7, 1993

Valencia Canyon Unit #24  
Choza Mesa Pictured Cliffs  
Sec. 15 28N-4W

Recent work on the well indicated a casing leak. Bradenhead pressure does exist and equalizes with the casing pressure.

The objective of this workover is to isolate the casing leak, reestablish the integrity of the casing and if the casing leak is above the top of cement verify that the Ojo Alamo is protected and try to circulate cement to surface.

#### General Procedures

- 1) Contact BLM prior to starting repair work.
- 2) Record tubing, casing and bradenhead pressure. Catch gas and/or water sample off of bradenhead and casing and have analyzed.
- 3) Check location for anchors. Install if necessary. Test anchors.
- 4) MIRUSU. Blow well down. Kill with 2% KCl if necessary. NDWH. NUBOP.
- 5) TIH and tag PBTD, check for fill. Tally OOH with 2 3/8" tbg.
- 6) TIH with bit and scrapper to approximately 4040'. Run in with seating nipple and standing valve and pressure test tubing. TOH.
- 7) TIH with RBP and packer. Set RBP 50-100 feet above top perforations. TOH one joint and set packer. Pressure test RBP to 1500 psi.
- 8) Pressure test casing to 1000 psi. Isolate leak by moving pkr up the hole and repeating pressure test.

Note: If this can not be accomplished, contact Cris Zogorski, in Denver, at (303) 830-4118. If no leak is found, it may be necessary to perforate the casing above the TOC in order to circulate cement to surface.

*W. C. D. L.*

- 9) Establish injection rate into leak and attempt to circulate to surface.
- 10) Release pkr, spot sand on RBP and TOH with packer.
- 11) Run a CBL, CCL, GR from surface to PBTD.
- 12) Mix and pump sufficient cement (Class B or equivalent, with a setting time of 2 hours) to circulate to surface. Shut bradenhead valve and attempt to walk squeeze to obtain a 1000 psi squeeze pressure. WOC.
- 13) TIH with bit and scrapper and drill out cement. Pressure test casing to 1000 psi. TOH with bit and scrapper.
- 14) TIH with retrieving head for RBP. Circulate sand off of RBP and TOH with RBP.
- 15) TIH with 2 3/8" tbg and land at 4296'.
- 16) If fill was found in step 5, pump 70 quality foam down tbg and circulate out fill to 4379'.
- 17) If necessary, swab well in and put on line.
- 18) NDBOP. NUWH. RDMOSU.

*Report any problems to Cris Zogorski at:  
(303) 830-4118 work  
(303) 751-2218 home*

VALENCIA CANYON UNIT #24  
LOCATION, D15 28N 04W  
SINGLE PC  
ORIGINAL COMPLETION 05/78  
LAST FILE UPDATE 4/93 BY CSW

BOT OF 8.625 IN OD CSA 318  
24 LB/FT K-55 CASING, W/250 SKS  
CTR TO SURFACE

PC AT 4083

PC PERF 4047-4053  
4056-4074  
4091-4124  
4128-4136  
4215-4282

BOT OF 2.375 IN OD TBG AT 4296

PBTD AT 4379 FT.

TOTAL DEPTH 4400 FT.

FILENAME:  
03921592

BOT OF 4.5 IN OD CSA 4400  
10.5 LB/FT K-55 CASING  
W/1170 SKS

4790 psi  
yield pressure

BLM CONDITIONS OF APPROVAL

Operator Amoco Production Co. Well Name 24 Valencia Canyon Un.  
Legal Location 1050'FNL/1130'FWL Sec. 15 T. 28 N. R. 4 W.  
Lease Number NM-14915 Field Inspection Date n/a

The following stipulations will apply to this well unless a particular Surface Managing Agency (SMA) or private surface owner has supplied to BLM and the operator a contradictory environmental stipulation. The failure of the operator to comply with these requirements may result in the assessments or penalties pursuant to 43 CFR 3163.1 or 3163.2. A copy of these conditions of approval shall be present on the location during construction, drilling and reclamation activity.

An agreement between operator and fee land owner will take precedence over BLM surface stipulations unless (In reference to 43 CFR Part 3160)  
1) BLM determines that operator's actions will affect adjacent Federal or Indian surface, or 2) operator does not maintain well area and lease premises in a workmanlike manner with due regard for safety, conservation and appearance, or 3) no such agreement exists, or 4) in the event of well abandonment, minimal Federal restoration requirements will be required.

1. Pits will be fenced during workover operation.
2. If liquids are left in the temporary pits for more than 24 hours after completion of the workover then these pits will be netted.
3. Pits will be lined with an impervious material at least 8 mils thick.