Form 3160-5
(June 1990)

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

5. Lease Designation and Serial No.
NM-14917

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

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

8. Well Name and No.
VALENCIA CANYON UT #8

2. Name of Operator
Amoco Production Company

Attention:
WAYNE BRANAM, RM 1220

9. API Well No.
CHOZA MESA PIC CLIFFS

3. Address and Telephone No.
P.O. Box 800, Denver, Colorado 80201

(303) 830-4912

10. Field and Pool, or Exploratory Area
3003921471

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1650 FNL 1035FWL Sec. 25 T 28N R 4W UNIT E

11. County or Parish, State
Rio Arriba New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other ADD'L PERFS	☐ 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.)*

AMOCO REQUESTS APPROVAL TO PERFORM THE ATTACHED PROCEDURE.

RECEIVED
SEP - 9 1994
OIL CON. DIV.
DIST. 3

94 JUL 21 AM 11:23
070 FARMINGTON, NM

RECEIVED
BLM

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

Signed A. Wayne Branam Title BUSINESS ANALYST Date 07-19-1994

(This space for Federal or State office use)

Approved by _____ Title _____ Date APPROVED JUL 25 1994

Conditions of approval, if any:

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.

* See Instructions on Reverse Side

NMOCD

UPPER PICTURED CLIFFS TEST

VCU #8
25-28N-4W
Orig. Comp. 12/77
TD = 4340', PBTD = 4295'

This well will be perfed in the upper Pictured Cliffs and tested. If commercial production is obtained, the well will be commingled with existing PC production unless high pressure dictates the well be dualled.

1. Contact Federal or State agency prior to starting repair work.
2. Install and/or test anchors. TIH with slickline plug and set in seating nipple. Blow down tubing to prepare to TOH.
3. MIRUSU. Check and record tubing, casing and bradenhead pressures.
4. Blow well down, kill well if necessary with 2% KCL.
5. Nipple down well head, nipple up and pressure test BOP's. TOH with tubing.
6. Trip in the hole with bit and scraper to the top of the perforations. A seating nipple and standing valve may be run in order to pressure test the tubing.
7. RU lubricator. Run a GR/CCL from 4200 to 3900', correlate to original Density Neutron log run by Welex on 10-30-77.
8. Trip in the hole with wireline RBP with gauges hanging off bottom and set at +/- 4150'. Spot sand on RBP.
9. Swab\use N2\or air package to bring fluid level down to ±3800'. Load hole with fluid and pressure test casing. Report results to Denver immediately if casing will not hold pressure.
10. TIH with tubing, packer, X nipple, vent valve, XN nipple and TCP gun (guns will be set below packer, gauges will be softset directly above on XN nipple and X nipple will be on above vent). Fill annulus with 2% KCL water and test packer. Run a GR/CCL log to set packer and land tubing. NOTE: The bottom hole temperature is well below the design temp of the gauges and their batteries. Be sure to specify the use of gauges with a pressure resolution of +/-.01 PSI. Less precise electronic gauges are available (+/- .1 PSI) but these might not be suitable for the small pressure drop we may experience here. Please verify with Halliburton that the more precise gauges are available in Farmington.
11. NDBOP. NUWH. Perforate, under balanced, (by dropping bar) the upper Pictured Cliffs with a 3 3/8" HCE/TCP casing gun, 2 JSPF, 120 deg. phasing and 22 gm charge (.41" hole, 20.3" penetration).

PERFORATE PICTURED CLIFFS

3992-4032' 4046-4108'

12. TIH on wireline the pressure bombs and set on XN nipple. Flow the well at a constant rate of 50 MCFD (or at a lower constant rate, if necessary) for five days. Attempt to recover several samples of produced liquids in non-reactive, one quart sample bottles each day. These should be analyzed for water resistivity at room temperature by a local lab. Be sure to observe the flowing surface tubing pressure and accurately measure the gas and liquid flow rates vs. time. The permeability we measure from the test is directly related to this flow rate!

    If the flowing pressure is "high", and 50 MCFD provides little draw down, it will be possible to increase the flow rate during the test as long as the new rate is then stabilized and held constant and the time of the rate change is recorded. RDMOSU.

13. After five days, or if the well begins to die sometime after the flow rate is stabilized, shut it in at the bottom of the hole by landing a plug on the X nipple.

14. Leave the well shut in for 10 days.

15. Retrieve the bombs and have the data digitized, placed on disk in ASCII format, and sent to Roger Gierhart in the Denver office.

16. MIRUSU. TOH with tubing, packer, etc.

17. Fracture stimulate the Pictured Cliffs according to the attached procedure.

18. Clean out sand with N2 to RBP at 4150'. Land tubing at 4100' and flow test the upper Pictured Cliffs until notified by Denver. Shut down rig.

19. TOH with RBP at 4150'.

20. Land tubing at 4230' with seating nipple one joint off the bottom.

21. Flow back the Pictured Cliffs, swabbing or utilizing Nitrogen as necessary.

22. RDMOSU. Tie well back into surface equipment and turn over to production.

If problems are encountered, please contact:

Lara Kwartin

(W) (303) 830-5708
(H) (303) 343-3973

OR

Roger Gierhart
(W) (303) 830-5053
(H) (303) 740-9736