

UNITED STATES
DEPARTMENT OF THE INTERIOR OIL CON. DIV.
BUREAU OF LAND MANAGEMENT DIST. 3

RECEIVED
AUG 28 1990

FORM APPROVED
Budget Bureau No. 1004-1135
Expires September 30, 1990

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

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Amoco Production Company

Attn: John Hampton

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

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

530' FWL, 2310' FNL Sec. 1, T26N-R2W

5. Lease Designation and Serial No.

NM 69072

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Robert English 1

9. API Well No.

30 039 24197

10. Field and Pool, or Exploratory Area

Gavilan Mancos

11. County or Parish, State

San Juan, New Mexico

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

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection

(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 Production Company intends to Plug and Abandon the above subject well. Please see the attached procedures.

If you have any questions please contact Cindy Burton @ 830-5119.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Signed

J. L. Hampton

Title

Sr. Staff Admin. Supv.

Date

8/17/90

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

AUG 28 1990
Ken Townsend

Plug and Abandonment Procedures
Robert English #1
Sec 1 - T26N - R2W

- 1) Notify BLM (505) 325-4572 when plugging is to begin.
- 2) MIRUSU. Pull out of hole w/rods and pump. NDWH. NUBOPE.
- 3) POOH w/ 27/8" tubing. RIH w/tubing and cement retainer. Set retainer @ 7100'. Squeeze perforations with 50 cu ft. cement. Pull out of retainer and leave cement to 7000'. (15 cu ft)
- 4) Load hole w/9ppg mud.
- 5) POOH, laying down tubing and spot plug from 6000' to 5750'. (50 cu ft cement)
- 6) Perforate four squeeze holes @5630'. RIH w/tubing and cement retainer/packer. Set @5400'. Attempt to establish circulation to surface between casing strings. (3,000 cu ft) If circulation is not established squeeze perforations with 200 cu ft cement and go to step 7. If circulation is established spot the following plugs:

<u>Depth</u>	<u>Amount (cu ft)</u>	<u>Zone</u>
5750'-5400'	50	Mesaverde
3760'-3600'	25	Pictured Cliffs
3520'-3150'	60	Kirtland & Ojo Alamo
Test for casing integrity		
700'-surface	100	Surface plug
Then go to step 11.		

- 7) Perforate four squeeze holes @ 3760'. RIH w/tubing and cement retainer/packer. Set @3600'. Squeeze perforations with 100 cu ft cement.
- 8) Perforate four squeeze holes @3520'. RIH w/tubing and cement retainer/packer. Set @3150'. Squeeze perforations with 250 cu ft cement.
- 9) Test for casing integrity.
- 10) Perforate four squeeze holes @700'. Establish circulation between 9 5/8" and 5 1/5" casing. Circulate to surface. (390 cu ft). POOH and spot plug to surface.
- 11) NDBOPE. Cut off casing and wellhead. Install P&A marker per State and BLM requirement.
- 12) Turn well over to John Jensen for reclamation.
- 13) Rehabilitate surface per State and BLM requirements.

NOTE: Use class G neat cement

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401

Attachment to Notice of

Re: Permanent Abandonment

Intention to Abandon

Well: 1 Robert English

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. Mark Kelly with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 326-6201.
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made (when applicable):
 - 1) Bring Gallup plug up to 6580'
 - 2) Combine PC-Ojo Alamo plug (3760-3150)
 - 3) add a plug from 2430-2320 to cover Nacimiento inside outside 5 1/2" casing.

Office Hours: 7:45 a.m. to 4:30 p.m.

GENERAL REQUIREMENTS FOR
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES
FARMINGTON RESOURCE AREA

1. Secure prior approval either on a Sundry Notice (Form 3160-5) or verbally from the Fluids Drilling & Production Section at this office before changing the approved plugging program.

2. Plugging equipment used shall have separate mixing and displacement pumps and a calibrated tank to assure proper displacement of plugs. The Operator is responsible for providing all measuring devices needed to assure proper measurement of materials being used.

3. A proper tank or pit will be used to contain all fluids pumped from the well during plugging operations. Unattended pits are to be fenced.

4. All cement plugs are to be placed through tubing (or drillpipe) and shall be a minimum of 100 feet in length with 50% excess inside casing or 100% excess when plug is set in open hole or squeezed into perforations. 15.6#/gal slurry weight is to be used when using class B neat cement or when CaCl_2 is used. Use the recommended slurry weight of other type cements when they are used (Class C, Pozzolan etc.).

5. Any cement plugs placed when well is not full of fluid, or when well may be taking fluid, (i.e. across perms-unless bridge plug or retainer is used, across bad csg., or fresh water formations) will be tagged (touched) after cement has set to verify proper location.

5a. Testing The first plug below the surface plug shall generally be tested by either tagging the plug with the working pipe string, or pressuring to a minimum pump (surface) pressure of 1000 psig, with no more than a 10 percent drop during a 15-minute period (cased hole only). If the integrity of any other plug is questioned, it must be tested in the same manner. Also, any cement plug which is the only isolating medium for a fresh water interval or a zone containing a valuable mineral deposit should be tested by tagging with the drill string.

6. Mud must be placed between plugs. Plugging mud is to be made up with a minimum of 15 lbs/bbl of sodium bentonite, and a nonfermenting polymer. Minimum consistency of plugging mud must be 9 lbs/gal and with a minimum viscosity of 50 sec/qt. Fresh water is to be utilized for mixing mud.

7. Following the placement of a cement plug, the withdrawal rate for at least the length of the cement plug shall not exceed 30 ft/min, in order to minimize the contamination of the plug.

8. Within 30 days after plugging work is completed, file a Sundry Notice (Subsequent Report of Abandonment, Form 3160-5), in quintuplicate with Area Manager, Bureau of Land Management, 1235 La Plata Highway, Farmington, NM 87401. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

9. All permanently abandoned wells are to be marked with a regulation marker (4" pipe extending 4' above the ground line) containing the information as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10. After plugging work is completed the surface is to be rehabilitated in accord with instructions from the Fluids Surface Management Section of the Farmington Resource Area Office.

All above are minimum requirements. The period of liability under the bond of record will not be terminated until the lease is inspected and surface work approved.

Please advise this office when the well location is ready for final inspection.

Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1.

You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.