

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

SUBMIT IN TRIPLICATE

DEC - 2 1989

OIL CON. DIV.
DIST. 3

5. Lease Designation and Serial No.
I-89 IND 58

6. If Indian, Allottee or Tribe Name

Navajo

7. If Unit or CA, Agreement Designation

8. Well Name and No.
NAVAJO #10

9. API Well No.
3004508145

10. Field and Pool, or Exploratory Area

Hogback

11. County or Parish, State

SAN JUAN - NM

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Amoco Production Company

3. Address and Telephone No.

200 Amoco Court Farmington 326-9219

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

NE/NE Section 19-29N-16W

12. CHECK APPROPRIATE BOX(s) 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 Re-plug
☐ 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 re-plug procedure for this well. Requested by Linda Taylor (BIA).

Casing - 6 5/8" set @ 339'
4 3/4" set @ 664'

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

Signed B. Shaw Title Enviro. Coordinator Date 11-3-99

(This space for Federal or State office use)

Approved by Joe Hewitt Title Acting Team Lead Date 11-5-99
Conditions of approval, if any:

Navajo Well Work Procedure

Amoco Navajo Hogback #10

Version: Navajo10.doc

Date: October 20, 1999

Budget: Servicing PXA

Work Type: Drill out and replug

Objectives:

1. Repair road washout & level spot for service unit
2. Move in service unit, pit & pump
3. Install BOP & drill out to TD 600' + or-

Pertinent Information:

Location: 990' FNLoF NE1/4 Cor. x 990'FWL of NE1/4 Cor.

County: San Juan

State: New Mexico

Lease:

Well Flac:

Horizon:

API #:

Engr: Buddy Shaw

Phone: W-505-326-9219

M- 505-320-0401

P---505-326-8261

Economic Information:

APC WI: 100%

Estimated Cost: \$7,250.00

Payout: N/A

Max Cost -12 Mo. P.O.

PV15:

Max Cost PV15:

Prod. Before Repair: N/A

Anticipated Prod.: N/A

Formation Tops: (Formation tops)

:Estimated TD 610'

*(Estimated)

Bradenhead Test Information:

Test Date: **Tubing:** NA **Casing:** 4.5 **BH:** 0 psi

Time	BH	CSG	INT	CSG
5 min				
10 min				
15 min				

Current wellbore info: ^{6 5/8"}7" SC Surf-TD, ^{4 3/4"}4 1/2"'''
Current inj info: Off set information 60 yards WSW

6 5/8" Ser @ 339'
4 3/4" Ser @ 652'

0. One call and repair road for service unit
1. MIRUSU..
2 Install Bop, drilling & circulating equipment
3. Pick up bit and 2 3/8" tubing
4. Drill out ^{4 3/4"}4.5" casing to TD (recording all cuttings and data encountered)
5. Rig up Cementers and fill 4.5" casing from TD to surface.
7 Turn all information to Buddy Shaw

652'

Vance Norton

Work - 505-326-9211
Mobile- 505-320-6677
Fax - 505-326-9262

Cost Breakdown:	Road & Dirt	\$ 650.00
	Rig (3 days)	\$ 4,650.00
	Welder	\$ 250.00
	Water Trucking	\$ 400.00
	2 3/8' Work Str	\$ 450.00
	Rental, Misc.	\$ 350.00
	Cont. (15%)	\$ 500.00
	TOTAL	\$ 7,250.00

BLM CONDITIONS OF APPROVAL

The following surface rehabilitation Conditions of Approval must be complied with as applicable, before this well can be approved for final abandonment (see 43 CFR 3162.3-4). **Surface rehabilitation work shall be completed within one year of the actual plugging date. Notification for completion of this work can be submitted with a Sundry Notice.**

1. No construction, drilling or completion activities shall be conducted between December 1 and March 31 because of deer/elk wintering habitat.
2. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location.
3. Production pits will be closed according to the Unlined Surface Impoundment Closure Guidelines, as approved in the Environmental Assessment of December 1993. Any oil stained soils may be remediated on-site according to these guidelines or disposed of in an approved disposal facility.
4. The well pad will be shaped to the natural terrain and left as rough as possible. All compacted areas and areas devoid of vegetation shall be ripped to a minimum of 12" before seeding.
5. Access roads will be shaped to conform to the natural terrain and left as rough as possible to detour vehicular travel. Access will be ripped to a minimum of 12" in depth and waterbarred prior to seeding. All erosion problems created by the development must be corrected prior to acceptance of release. Waterbars should be spaced as shown below:

% Slopes	Spacing Interval
Less than 20%	200'
2 to 5%	150'
6 to 9%	100'
10 to 15%	50'
Greater than 15%	30'

All water bars should divert to the downhill side of the road.

6. All disturbed areas will be seeded between July 1 and September 15 with the prescribed certified seed mix (reseeding may be required).
7. Notify Surfacing Managing Agency seven (7) days prior to seeding so that they may be present for that option.
8. The period of liability under the bond of record will not be terminated until the lease is inspected and the surface rehabilitation approved.

Other SMA's may vary slightly in their restoration requirements. It is your responsibility, as the operator, to obtain surface restoration requirements from other SMA's. We need to be provided with a copy of these requirements. Any problems concerning stipulations received from other SMA's should be brought to us.

On private land, we should be provided with a letter from the fee owner stating that the surface restoration is satisfactory.

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401

Attachment to notice of Intention to Abandon:

Re: Permanent Abandonment

Well: 10 Navajo

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."

2. Mike Flanikan with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907

3. The following modifications to your plugging program are to be made:

a) After cement has set, tag top of cement and refill casing, if necessary

b) Since there is no cement information, you are required to test the 4 3/4" x 6 5/8" annulus and if necessary, place cement from 50' or deeper to surface.

Note; Dwights information states that 27' of 10", 41' of 8 1/4" was used. May have been pulled?
339' of 6 5/8" and 652' of 4 3/4" was run and appears to be inplace.

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

**GENERAL REQUIREMENTS FOR
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES
FARMINGTON DISTRICT OFFICE**

1.0 The approved plugging plans may contain variances from the following minimum general requirements.

1.1 Modification of the approved plugging procedure is allowed only with the prior approval of the Farmington District office, *Branch of Drilling & Production*.

1.2 Requirements may be added to address specific well conditions.

2.0 Materials used must be accurately measured.

3.0 A tank or approved pit must be used for containment of any fluids from the wellbore during plugging operations and all unattended pits are to be fenced with woven wire. These pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced.

3.1 Pits are not to be used for disposal of any constituent(s) of concern.

4.0 All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.

4.1 The cement shall be as specified in the approved plugging plan.

4.2 All cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100' of the casing, or annular void(s) between casings, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.3 Surface plugs may be no less than 50' in length.

4.4 All cement plugs placed to fill annular void(s) between casing and the formation shall be of sufficient volume to fill a minimum of 100' of the annular space plus 100% excess, calculated using the bit size, or 100' of annular capacity, determined from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.5 All cement plugs placed to fill an open hole shall be of sufficient volume to fill a minimum of 100' of hole, as calculated from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug. In the absence of a caliper log, an excess of 100% shall be required.

5.0 All cement plugs spotted across, or above, any exposed zone(s), when; the wellbore is not full of fluid or the fluid level will not remain static, and in the case of lost circulation or partial returns during cement placement, shall be tested by: (1) tagging with the work string, or: (2) for cased holes only; pressuring to a minimum surface pressure of 500 PSI, with no more than a 10% drop during a 15-minute period.

5.1 The top of any cement plug verified by tagging must be at or above the depth specified in the approved plan, without regard to any excess.