

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Sundry Notices and Reports on Wells

1. Type of Well Oil	5. Lease Number NM-40640
2. Name of Operator MW Petroleum c/o Apache Corporation.	6. If Indian, All. or Tribe Name
3. Address & Phone No. of Operator 304 N. Behrend, Farmington, NM 87401 505-325-0318	7. Unit Agreement Name
4. Location of Well, Footage, Sec., T, R, M 1650' FNL and 990' FWL Sec. 24, T-24-N, R-2-W, NMPM	8. Well Name & Number Amoco Fed Oso Canyon #
	9. API Well No. 30-039-23441
	10. Field and Pool Undes. Gallup
	11. County & State Roi Arriba, NM R10

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action	
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input checked="" type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

Apache Corporation for MW Petroleum, requests the October 26, 1993 approved Plug and Abandon procedure for this well be revised per the attached procedure and diagrams.

RECEIVED
MAY 30 1997

OIL CON. DIV
DIST. 3

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

Signed Stan Phillips Title Production Foreman Date 4/3/97

(This space for Federal or State Office use)
APPROVED BY [Signature] Title Chief, Lands and Mineral Resources Date MAY 28 1997
CONDITION OF APPROVAL, if any:

Restored surface as per attached letter (original sent w/ 93 approval)

PLUG & ABANDONMENT PROCEDURE

4-3-97

Amoco Federal Oso Canyon #1
Undesignated Gallup
NW Section 24, T-24-N, R-2-W
Rio Arriba Co., New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and Apache Corporation safety regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. POH and LD rods and pump. ND wellhead and NU BOP. Test BOP.
3. POH and tally 2-3/8" tubing; visually inspect the tubing. If necessary, PU 2" workstring. Run a 5-1/2" gauge ring or casing scraper to 6750'.
4. **Plug #1 (Gallup perforations & top, 6750 - 6620')**: Set a wireline 5-1/2" Bridge Plug at 6750' above Gallup perforations. RIH with open ended tubing and tag CIBP. Load casing with water and pressure test to 500#. Mix and pump 20 sxs Class B cement and spot a balanced plug inside casing above CIBP to 6620' to cover Gallup and top. POH to 5195'.
5. **Plug #2 (Mesaverde top, 5195' - 5095')**: Mix 17 sxs Class B cement and spot a balanced plug inside casing from 5195' to 5095' to cover Mesaverde top. POH to 3486'.
6. **Plug #3 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 3486' - 2830')**: Mix 80 sxs Class B cement and spot a balanced plug inside casing from 3486' to 2830' to cover Pictured Cliffs, through Ojo Alamo tops. POH to 375'.
7. **Plug #4 (Surface)**: Pressure test the bradenhead to 300# to insure the surface casing annulus has cement. If bradenhead holds pressure the establish circulation out casing valve. Mix approximately 42 sxs Class B cement and circulate out 5-1/2" casing. POH and LD tubing. Shut in well and WOC. If bradenhead does not hold pressure then perforate casing at 374' and circulate cement.
9. BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Amoco Federal Oso Canyon #1

Current

Undesignated Gallup

NW Section , T-24-N, R-2-W, Rio Arriba County, NM

Today's Date: 4/3/97

Spud: 5/18/84

Completed: 9/84

12-1/4" hole

Cement circulated to surface

8-5/8", 24.0#, Csg set @ 324'
Cmt 318 cf (Circulated to Surface)

Workover History

Jul '84: Perf 8004' - 8030', test; set CR at 7975', sqz with 236 cf cement; perf and frac 7926' - 7934'; test.

Jul '84: Set CR at 7878'; sqz perfs with 30 sxs cement; perf and frac Gallup.

Oct 85: Set CIBP at 7070'

Ojo Alamo @ 2880'

Kirtland @ ?

Fruitland @ 3200'

Pictured Cliffs @ 3410'

Mesaverde @ 5145'

Gallup @ 6670'

2-3/8" tubing @ 7038'

DV Tool @ 5150'
Cmt w/1339 cf, (Cir to surface)

Gallup Perforations:
6786' - 7016'

CIBP @ 7070'

Dakota @ 7872'

CR @ 7878', Sqzd in 1984
with 30 sxs cement.

Dakota Perforations: 7926' - 7934'

CR @ 7975'

Perforations: 8004'-8030'; Sqzd in 1984
with 236 cf cement.

7-7/8" hole

PBTD 8205'

TD 8250'

5-1/2" 15.5# Csg set @ 8250'
Cemented with 793 cf

Amoco Federal Oso Canyon #1

Proposed P & A
Undesignated Gallup

NW Section , T-24-N, R-2-W, Rio Arriba County, NM

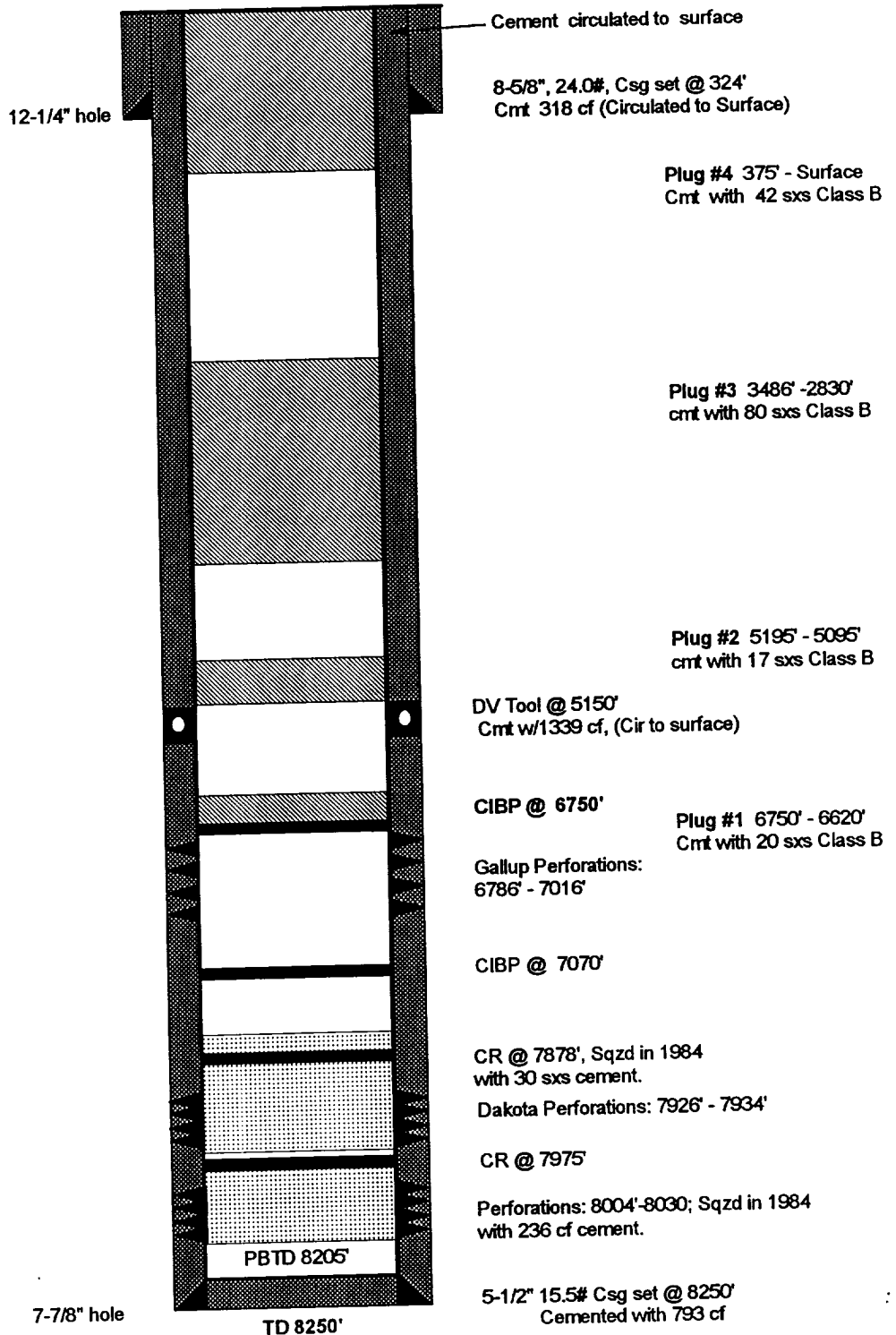
Today's Date: 4/3/97
Spud: 5/18/84
Completed: 9/84

Ojo Alamo @ 2880'
Kirtland @ ?
Fruitland @ 3200'
Pictured Cliffs @ 3410'

Mesaverde @ 5145'

Gallup @ 6670'

Dakota @ 7872'



CONDITIONS OF APPROVAL FOR PERMANENT ABANDONMENT

Operator MW Petroleum Corp. Well Name Amoco Fed Oso Can #1

1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. For wells on Federal leases, Al Yepa with the Cuba Field Office is to be notified at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 289-3748. Office hours are 7:45 a.m. to 4:30 p.m.

For wells on Jicarilla leases notify Erwin Elote with the Jicarilla Apache Tribe at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 759-3242.

3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made : None