

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

A.P.A. Development, Inc.

3. Address and Telephone No

P.O. Box 215, Cortez, CO 81321 (303)565-2458

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

Sec. 18 2310' FNL & 965' FEL T32N R17W

5. Lease Designation and Serial No

14-20-603-585

6. If Indian, Allottee or Tribe Name

Navajo

7. If Unit or CA, Agreement Designation

30-045-11461

8. Well Name and No

Navajo AA #2

9. API Well No

300451146100S1

10. Field and Pool, or Exploratory Area

North Many Rocks Gallup

11. County or Parish, State

San Juan, NM

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

- ☐ 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.)

On June 23, 1993:
Nippled up BJ Services to 4½" casing, loaded hole, pumped 91 sks.
Class "B" cement (128 cu. ft.), displacing load water out of casing,
shut in to allow cement to set.

RECEIVED
AUG 16 1993
OIL CON. DIV.
DIST. 3

070 INFORMATION, NM

03 AUG -9 PM 1:01

RECEIVED
BLM

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

Signed *[Signature]*

Title Operator

Date 7/23/93

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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 Instruction on Reverse Side

NMOCD



Houston, Texas 77210

CEMENTING LOG

STAGE NO. 1, 2, 3

Date 6-23-93 District 674 Ticket No. 607549
 Company APA Dev. Rig N/A
 Lease Navaho AA Well No. 3, 3, 5
 County Navaho State N.M.
 Location 18 32 N 12 W Field Navaho
North Many Rocks - Gallup

CASING DATA PTA ☒ Squeeze ☐
 Surface ☐ Intermediate ☐ Production ☐ Liner ☐
 Size 9 1/2 Type 9.5 Weight _____ Collar _____

Casing Depths: Top _____ Bottom _____
1430 Avg 4 1/2 depth

Drill Pipe Size _____ Weight _____ Collars _____
 Open Hole Size _____ TD _____ ft PB to _____ ft

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 20163 Lin. ft./Bbl. 61.54
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations From _____ ft to _____ ft Amt _____

CEMENT DATA:

Spacer Type H₂O - 90sx Com each U.C.
 Amt _____ Skys Yield _____ ft³/sk Density _____ PPG _____

LEAD Pump Time 3 hrs hrs. Type 90/20/4
 Excess _____

Amt 220 Skys Yield 1.41 ft³/sk Density 13.0 PPG _____

TAIL Pump Time _____ hrs. Type _____
 Excess _____

Amt _____ Skys Yield _____ ft³/sk Density _____ PPG _____

WATER Lead 6.82 gals/sk Tail _____ gals/sk Total 44 Bbls _____

Pump Trucks Used 1464

Bulk Equip. 688

Float Equip. Manufacturer N/A

Shoe Type _____ Depth _____

Float Type _____ Depth _____

Centralizers: Quantity _____ Plugs Top _____ Btm. _____

Stage Collars _____

Special Equip. _____

Disp. Fluid Type _____ Amt _____ Bbls. Weight _____ PPG _____

Mud Type _____ Weight _____ PPG _____

COMPANY REPRESENTATIVE Jim & Pat Woolsey

CEMENTER T. Todd Super

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min	
8:10 A						Turns Called 6-22-93 Arrive at Mined Site 6-23-93 Rig Up Safety Meeting #2 Navaho AA Lead Hole.
8:00 A						
8:45 A						
9:00 A						
9:30 A	30			1		Cement 91.5X 128 F ³ displace H ₂ O Shut In
9:43 A	1800		24	23	1.1	
10:00 A	1650		26	2	1.1	
10:23 A	900					
11:25 A	1830			3	3.5	#3 Navaho AA Lead Hole Cement 85.5X 120 F ³ displace H ₂ O Shut In
11:35 A	1660		25	22	4.5	
11:46 A	1300		27	2	1	
11:50	1300					
1:00 P	50			4	1.5	#5 Navaho AA Lead Hole - Broken Head Brite Cement 94.5X 132.5 F ³ displace H ₂ O Shut In
1:15 P	30		28	24	1.5	
1:40 P	30		30	2	1.0	
1:45 P	30					

FINAL DISP. PRESS. _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs THANK YOU

Form No. SR 0502 (Rev. 3/90)

Note: Must accompany job ticket.