F	orm	3160-5
11		19901

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED			
Budget Bureau No.	10	04-0	135
France March	11	1001	

6. If Indian, Allottee or Tribe Name

Expires: March 31, 1993

5. Lease Designation and Serial No

Lease Designation	Ind Serval	N DEVELOP
70/-92-0004	AGREE	MENT

SUMBAT NUTICES AND REPORTS ON WELLS					
Do not use this for	rm for proposals to drill	or to deepen or reentr	y to a different reservoir.		

Use "APPLICATION FOR PERMIT—" for such proposals Apache 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE I. Type of Well Oil Gas Well Other 8. Well Name and No. 2. Name of Operator Apache Bend #2 9. API Well No. Robert L. Bayless 3. Address and Telephone No. 30-043-20881 (505)326-2659 10. Field and Pool, or Exploratory Area PO Box 168, Farmington, NM 87499-0168 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Ballard Pictured Cliffs 11. County or Parish, State

1730' FSL & 1850' FWL

Sec. 32, T23N, R2W

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

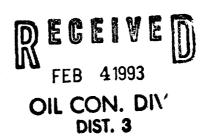
Sandoval County, NM

Completion or Recompletion Report and Log form.)

TYPE OF SUBMISSION	TYPE OF ACTION		
Notice of Intent	Abandonment	Change of Plans	
	Recompletion	New Construction	
Subsequent Report	Plugging Back	Non-Routine Fracturing	
	Casing Repair	Water Shut-Off	
· Final Abandonment Notice	Altering Casing	Conversion to Injection	
	X Other Acidize, Frac	Dispose Water	
		(Note: Report results of multiple completion on Well	

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, jj jgive subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See Attached Daily Report



4. I hereby certify that the foregoing is true and correct Signed PHYS M Bayless	Tide Petroleum Engineer	Date1~5-93
(This space for Federal or State office use) Approved by Approved by Approved by	Acture ADEA MANAGER	Date FFB 0 1 1992
Conditions of approval, if any:	RIO PUERCO RESOURCE AREA	

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.

Robert L. Bayless
Apache Bend #2
1730' FSL & 1850' FWL
Sec. 32, T23N, R2W
Sandoval County, NM

12-23-92 Rig up Western Company. Pump 250 gal acid start displacement and break down perfs at 1950 psi. Pump water to displace acid into perforations at 9 bmp with 160-190 psi. ISIF = 0. Let acid sit for 5 min. Roll acid into perfs. Start frac and stimulate well with 32,000 gallons 70 quality foam with 46,000 lbs 12-20 mesh sand as follows:

				Avg. Press.
Pad	8,000 gal	70 quality foam		1090 ps:
1st Stage	10,000 gal	1 ppg sand	10,000 lbs	1070 psi
2nd Stage	8,000 gal	2 ppg sand	16,000 lbs	1040 psi
3rd Stage	4,000 gal	3 ppg sand	2,000 lbs	1070 psi
4th Stage	2,000 gal	4 ppg sand	8,000 lbs	1100 psi
Flush	1,800 gal			1400 psi
			46,000 lbs	

Average treating pressure = 1070. Average injection rate = 21 bpm. Well started to screen out when 4# sand hit formation. Finish 4# and complete flush at 1400 psi. ISIP = 1130 psi. 5 min. = 930 psi. 10 min = 91 psi. 15 min = 900 psi. Shut well in for four hours. Open well to pits through 1/8" choke. Leave well flowing.

- 12-24-92 Well flowing heavy mist. Will burn in bursts. Leave well flowing.
- 12-26-92 Well flowing light mist. Will burn intermittently. Still bringing up sand.
- 12-28-92 Well flowing light mist. Rig up tubing tongs. Trip in hole with saw tooth collar. Tag sand @ 2937. Pump 60 bbls to attempt sand cleanout. No returns. TOH and pick up hi-tech bailer. Trip in hole with bailer. Tag sand at 2882 ft. Clean out to 2955 ft. TOH and empty bailer. TIH and tag sand at 2900 ft. Clean out to 2945 ft. Pull 10 stands. Shut down overnight.
- 12-29-92 Trip out with bailer. No recovery, flapper stuck open, pump stuck open. Wait on new bailer. Trip in with new bailer, tag sand at 2882 ft. Cannot clean sand. TOH and put bit on bailer. TIH. Cannot clean sand. Pick up power swivel and rotate. Clear out 5 ft sand. Shut well in.
- 12-30-92 Casing pressure at 90 psi. Blow well down. TOH w/bailer. Trip in hole with sawtooth collar and bailer. Tag sand at 2884 ft. Pick up swivel and drill hard sand. Clean out 30 ft. sand. Tubing stuck. Work stuck pipe. Attempt to pump down backside into perforations.

Pressure up to 1500 psi. Would not bleed off. Bleed to pit. Rig up and swab +/- 30 bbls to pit. Jam on tubing, no progress. Leave casing open overnight with 50,000 lb tension on tubing.

12-31-92 Casing and tubing both dead. Tubing still at 50,000 lb tension. Jam tubing, no progress. Set tubing in neutral position and shut in casing and tubing.