

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
JIC MIN DEVELOP.
701-92-0004 AGREEMENT

6. If Indian, Allottee or Tribe Name

Apache

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Apache Bend #2

9. API Well No.

30-043-20881

10. Field and Pool, or Exploratory Area

Ballard Pictured Cliffs

11. County or Parish, State

Sandoval County, NM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Robert L. Bayless

3. Address and Telephone No.

PO Box 168, Farmington, NM 87499-0168 (505)326-2659

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

1730' FSL & 1850' FWL

Sec. 32, T23N, R2W

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 Acidize, Frac
☐ 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 Daily Report

RECEIVED

FEB 4 1993

OIL CON. DIV'
DIST. 3

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

Signed Price M. Bayless Title Petroleum Engineer

Date 1-5-93

(This space for Federal or State office use)

Approved by Shirley Mondy Title AREA MANAGER
Conditions of approval, if any: RIO PUECO RESOURCE AREA

Date FEB 01 1993

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 bpm 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:

				<u>Avg. Press.</u>
Pad	8,000 gal	70 quality foam		1090 psi
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
			<u>46,000 lbs</u>	

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.