

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

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)

1835' FNL & 955' FWL SEC 4, T22N, R2W

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 #5

9. API Well No.

10. Field and Pool, or Exploratory Area

Ballard Pictured Cliffs

11. County or Parish, State

Sandoval County, 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 Perforate, 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 1)

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 Morning Report.

RECEIVED

JUL 2 1993

OIL CON. DIV
DIST. 3

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

Signed

Robert L. Bayless

Title

Engineer

Date 6-8-93

(This space for Federal or State office use)

Approved by

SHIRLEY MONDY

Acting

AREA MANAGER

PIO PUERTO RESOURCE AREA

Date

JUL 1 1993

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 statement or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

NMOCD

Robert L. Bayless
Apache Bend #5
Sec. 4, T22N, R2W
1835' FNL & 955' FWL
Sandoval County, N.M.

05/27/93 Move in Aztec 142 and rig up unit. Make up wellhead.

05/28/93 Spot in all equipment. Nipple up BOP. Unload and tally tubing. Pick up 4.75" bit and bit sub and trip in hole. Tag cement at 2996 ft. Rig up power swivel and drill out cement to PBTD at 3004. Circulate hole clean. Pressure test casing to 2000 PSI, held OK. Shut down for weekend.

06/01/93 Rig up Western to pressure test casing to 3500 PSI, OK. Roll hole with 2% KCL water and spot 250 gallons 7.5% HCL acid. Trip tubing out of hole. Rig up blue Jet to run depth correlation log and perforate Pictured Cliffs interval with 3 1/8" casing gun with 4 JSPF as follows:

2902-2912 ft	10 ft	40 holes	.34" holes
--------------	-------	----------	------------

Rig up Western to break down perfs. Perfs broke at 1400 PSI, then broke back to take 10 BPM at 0 PSI. Well went on vacuum. Rig up and frac Pictured Cliffs with 25,500 gallons of 70 quality foam and 40,000 lbs of 12-20 mesh sand at 20 BPM as follows:

6,500 gal of 70 quality foam pad	840 to 1030 PSI
6,000 gal of 1 PPG sand	970 to 990 PSI
7,000 gal of 2 PPG sand	960 to 980 PSI
4,000 gal of 3 PPG sand	980 to 990 PSI
2,000 gal of 4 PPG sand	980 PSI
1,800 gal of 70 quality foam flush	950 PSI

ISDP = 850 PSI, 5 min = 780 PSI, 10 min = 760 PSI, 15 min = 740 PSI. Shut well in for 4 hours. Open well to pit through 1/8" choke to clean up.

06/02/93 Well bridged off before noon. No record of when it stopped flowing or how much fluid was recovered.

06/03/93 Well still dead. Trip in hole with tubing, tag sand at 2675 ft. Rig up Western and clean out with nitrogen. Clean out bridge and circulate down 90 ft. Trip in hole to 2915 ft and tag sand. Clean out sand to PBTD of 3004 ft. Pull tubing 60 ft off bottom and wait 30 min. Trip back in hole and tag 30 ft of fill. Clean

out to PBTD. Move tubing to 2812 ft and shut in casing, leave tubing open to pit to clean up after frac. Well starting to unload water and foam.

06/04/93 Casing pressure at 180 PSI, tubing flowing slight blow of gas and trickle of foamy water. Trip in hole with tubing to tag sand at 2890 ft. (12 ft of fill above top perfs). Clean out sand to PBTD. Move tubing to 2850 and leave casing and tubing open for 1.5 hours. Trip in hole and tag sand at 2970 ft. Clean out sand with nitrogen to PBTD. Move tubing to 2914 ft and land as follows:

KB to landing point	10.00	0-10
96 jts 1.25" 2.4# J-55	2872.95	10-2883
EUE tubing		
Seating nipple	0.75	2883-2884
1 jt 1.25" 2.4# J-55 EUE tbg	<u>30.37</u>	2884-2914
	2914.07 ft	

Shut well in to nipple up flowline to pit. After 1 hr, casing pressure at 200 PSI, tubing had slight blow then started flowing foamy water. Leave tubing open to pit and casing shut in. Rig down unit and move off location.