

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

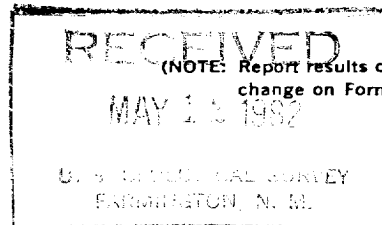
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well ☐ gas ☒ well ☐ other
2. NAME OF OPERATOR
Robert L. Bayless
3. ADDRESS OF OPERATOR
P.O. Box 1541, Farmington, NM 87401
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1630' FNL & 1690' FEL
AT TOP PROD. INTERVAL: same
AT TOTAL DEPTH: same
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:
TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

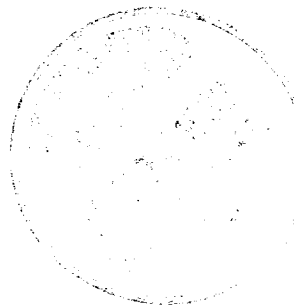
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5. LEASE
Contract 78
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
AXI ~~12~~ Apache F
9. WELL NO.
7
10. FIELD OR WILDCAT NAME
Ballard Pic. Cliffs
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 11, T23N, R5W
12. COUNTY OR PARISH
Rio Arriba
13. STATE
N.M.
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6794' GR

17. 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.)*

Per attached.



Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED [Signature] TITLE Operator DATE May 12, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NMOCC

EX-105 Smh

05-11-82 Rigged up Blue Jet. Ran Gamma Ray Collar Locator log from PBTD of 2424 ft. to 2200 ft. (Expected PBTD was 2421 ft.) Perforated Pictured Cliffs interval per Porosity Log as follows:

2320-2336 ft.	16'	
2347-2359 ft.	12'	1 shot every 2 ft.
2367-2380 ft.	13'	

total of 41 ft., 21 perforations

Rigged up The Western Co. Broke down perforations at 3500 psi, established rate into perfs of 5.9 BPM at 1750 psi, ISIP=400 psi (2 perforations open). Acidized Pictured Cliffs interval with 250 gallons of 7½% HCL acid and 32 RCN ball sealers. Had good ball action, no balloff. Rigged up Blue Jet to retrieve balls. Rigged up The Western Co. Fracture stimulated Pictured Cliffs interval with 32,640 gallons of 70 quality foam and 40,280 pounds of 10/20 sand as follows:

10,000 gal. pad	20 BPM @ 2200 psi
5,000 gal. 1 ppg 10/20 sand	20 BPM @ 2250 psi
17,640 gal. 2 ppg 10/20 sand	20 BPM @ 2350 to 3400 psi*
516 gal. flush	20 BPM @ 3200 psi

*Well pressure increased to 3500 psi, started flush early.

Average foam rate 20 BPM; average pressure 2400 psi; maximum pressure 3400 psi; minimum pressure 2200 psi; average nitrogen rate 5446 scf/min; total nitrogen pumped 249,804 scf; total load to recover 288 bbls. of fluid.

ISIP = 1300 psi
5 min. = 1200 psi
10 min. = 1200 psi
15 min. = 1150 psi

Shut well in for 1 hour. Opened well to the atmosphere through 2" x 1" swedge. Well flowing to cleanup for AOF.