

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: 1850' FNL & 1660' FWL  
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:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input checked="" type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)	<input type="checkbox"/>		<input type="checkbox"/>

5. LEASE  
Contract 45

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Jicarilla

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
AXI "p"

9. WELL NO.  
5

10. FIELD OR WILDCAT NAME  
Ballard Pic. Cliffs

11. SEC., T., R., M., OR BLK. AND SURVEY OR  
J AREA  
Sec. 20, T23N, R4W

12. COUNTY OR PARISH  
Sandoval

13. STATE  
N.M.

14. API NO.

15. ELEVATIONS (SHOW DF, -KDB, AND WD)  
7001' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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 Robert L. Bayless TITLE Operator DATE May 14, 1982

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

\*See Instructions on Reverse Side

NMOCO

MAY 21 1982

FARMINGTON DISTRICT

BY SEA

05-12-82 Rigged up Blue Jet. Ran Gamma Ray, Collar Locator log from PBTD of 2504 ft. to 2250 ft. (Expected PBTD was 2573 ft.) Perforated Pictured Cliffs interval per porosity log as follows:

2470-2482 ft. 2 JSPF total 12 ft., 24 holes (.34")

Rigged up The Western Co. Broke down perforations at 2800 psi. Established rate into perfs of 6.5 BPM @ 1450 psi. ISIP=300 psi (3 perfs open). Acidized Pictured Cliffs interval with 250 gallons of 7½% HCL acid and 36 RCN ball sealers; 59 BPM @ 900 psi; ISIP=300 psi. Had good ball action, no balloff obtained. Rigged up Blue Jet and ran junk basket to PBTD. Rigged up The Western Co. and fracture stimulated the Pictured Cliffs interval with 33,000 gallons of 70 quality foam and 41,000 lbs. 10/20 mesh sand as follows:

10,000 gal. foam pad	20 BPM @ 2000 psi
5,000 gal. 1 ppg 10/20 mesh sand	20 BPM @ 2100 psi
18,000 gal. 2 ppg 10/20 mesh sand	20 BPM @ 2250-2500 psi
600 gal. foam flush	20 BPM @ 2300 psi

ISIP=1300 psi, 5 min.=1050 psi, 10 min.=1050 psi, and 15 min.=1050 psi. Average rate 20 BPM; average pressure 2300 psi; maximum pressure 2500 psi; minimum pressure 2100 psi. Nitrogen flow rate was 4466 scf/min. Total nitrogen pumped 188,205 scf. Total fluid to recover 274 bbls.

Shut well in for 2 hrs. for fracture to heal. Opened well to atmosphere through a 2" x 1" swedge. Well flowing to cleanup for AOF.

