

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: 790' FSL & 790' 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:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☒  
SHOOT OR ACIDIZE ☒  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐  
(other) ☐

SUBSEQUENT REPORT OF:

RECEIVED  
AUG 19 1982  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

5. LEASE  
Contract 41

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Jicarilla

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Jicarilla 41

9. WELL NO.  
B-1

10. FIELD OR WILDCAT NAME  
West Lindrith Gallup/Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 31, T25N, R4W

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
N.M.

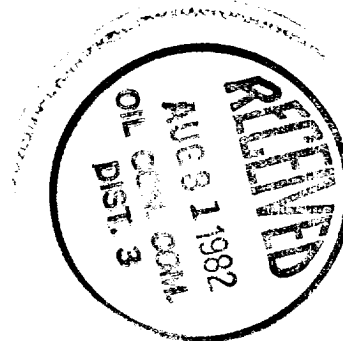
14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6897 ft. 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 [Signature] TITLE Operator DATE 8/19/82

(This space for Federal or State office use)

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

ACCEPTED FOR RECORD

AUG 30 1982

\*See Instructions on Reverse Side

NMOCC

FARMINGTON DISTRICT  
BY Smh

# ROBERT L. BAYLESS

PETROLEUM PLAZA BUILDING  
P. O. BOX 1541  
TARMINGTON, NEW MEXICO 87401  
(505) 326-2659

Jicarilla 41 #B-1  
790' FSL & 790' FWL  
Sec. 31, T25N, R4W  
Rio Arriba County, N.M.

## DAILY REPORT

08-18-82 Rigged up Jetronics Wireline Service Co. Perforated Lower Gallup interval with 3-1/8" casing gun as follows:

6474-6480 ft. - 6 ft.	
6498-6508 ft. - 10 ft.	
6513-6520 ft. - 7 ft.	Total 45 ft, 45 perforations
6530-6538 ft. - 8 ft.	(1JSPF)
6580-6589 ft. - 9 ft.	
6612-6617 ft. - 5 ft.	

Rigged up Smith Energy Services. Broke down perforations @ 3500 psi. Established a rate of 18 BPM @ 3100 psi into the perforations (approx. 6 perms open). ISIP 800 psi.

Pumped 1000 gallons of 7½% HCL weighted acid with 68 (1.1 s.g.) RCN ball sealers. Good ball action. Balled off to 4200 psi.

Rigged up Jetronics Wireline Service Co., ran junk basket and retrieved 41 RCN frac balls.

Fracture stimulated the Lower Gallup interval with 54,000 gal. of 50#/1000 gallons crosslinked gelled water containing 1% KCL, 2% diesel and carrying 80,000 lbs of 20/40 mesh sand as follows:

14,000 gal. gelled pad	40 BPM @ 2000 psi
13,000 gal. 1ppg sand	40 BPM @ 1800 psi
14,000 gal. 2ppg sand	40 BPM @ 2000 psi
13,000 gal. 3ppg sand	40 BPM @ 1950 psi
4,215 gal KCL water flush	40 BPM @ 2000 psi

ISIP 1000 psi, 15 min. ISIP 750 psi. Average rate 40 BPM, average pressure 1950 psi, maximum pressure 2000 psi, minimum pressure 1800 psi. Total load to recover 1621 Bbls.

Ran wireline, set retrievable bridge plug. Set @ 6460'. Rigged up Smith Energy Services, pressure tested bridge plug to 3500 psi for 5 min. Held OK. Perforated Upper Gallup interval with 3-1/8" casing gun as follows:

6304-6309 ft - 5 ft.	
6314-6329 ft - 15 ft.	
6346-6356 ft - 10 ft.	Total 59 ft., 59 perforations
6369-6392 ft - 23 ft.	(1JSPF)
6411-6417 ft - 6 ft.	

Broke down perforations immediately, established a rate of 21 BPM @ 2300 psi, ISIP 950 psi. Pumped 1000 gallons of 7½% HCL weighted (13 perfs open) acid containing 89 7/8" baller sealers (1.1 s.g.). Good ball action. Balled off @ 3500 psi.

Ran junk basket, retrieved 39 balls.

Fracture stimulated Upper Gallup interval with 80,000 gallons of 30#/1000 gallons crosslinked gelled water containing 1% KCL, 2% diesel, and carrying 120,000 lbs of 20/40 mesh sand as follows:

20,000 gal. gelled pad	40 BPM @ 2000 psi
20,000 gal. 1ppg sand	38 BPM @ 2000 psi
20,000 gal. 2ppg sand	40 BPM @ 1800 psi
20,000 gal. 3 ppg sand	40 BPM @ 1750 psi
4,104 gal. slick water flush	40 BPM @ 2300 psi

ISIP 1100 psi, 15 min. ISIP 800 psi. Average rate 40 BPM, average pressure 1970 psi, maximum pressure 2300 psi, minimum pressure 1750 psi. Total load to recover 2156 Bbls.

Shut-in overnight to allow fracture to heal.