

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Contract 428

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla 428

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Ballard Picture Cliff

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 31, T23N, R4W

12. COUNTY OR PARISH

Sandoval

13. STATE

N.M.

## 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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	
2. NAME OF OPERATOR J. Gregory Merrion and Robert L. Bayless	
3. ADDRESS OF OPERATOR P.O. Box 1541, Farmington, NM 87401	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1070 FNL and 1050 FWL	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6838 ft. G.L.

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Logging

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

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.)\*

8-24-77 Rig up Big A, Blue Jet, and Western Co. Ran Cement Bond and Gamma Ray Correlation logs. Pressure test well to 4000 psig. OK. Perfed Chacra 2558'-84' KB per Induction log. Broke down with 400 gallons 7-1/2% acid with 10% isopropyl. ISDP = 550 psig. Flowing back gas cut water. Bled down. Perfed Picture Cliff 2090'-2104', 2107'-10', 2116'-24' with 1P2F. Could not put acid away. Swabbed well down, tried to unload then died. Making slight gas behind swab. Shut-in.

9-23-77 Fraced per design worksheet. Average treating pressure 2200 psig. ISDP = 1650 psig. Opened to flow back.

9-24-77 Blowing heavy foam with steady blow of gas.

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

SIGNED

*Steven J. Dunn*

TITLE

Engineer

DATE

9-28-77

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

SEP 29 1977

\*See Instructions on Reverse Side

GEOLOGICAL SURVEY  
U.S. DEPT. OF THE INTERIOR

Merrion & Bayless

Jicarilla Frac Jobs

Foam Vol.	Fluid Vol.	N <sub>2</sub> Vol.	Sand Ratio	Cum. Sd.
Gal	bbl	Gal	bbl	SCF
Res-Blender	Pumped			

Pictured Cliffs

Foam Pad	3000	72	900	21.6	28,210	-----	-----
1# 20/40	1000	24	300	7.2	9,403	1# - 3.33	1,000
2# 20/40	19500	464.3	5850	139.3	181,926	2# - 6.66	40,000
Balls							

Chacra

Foam Pad	3000	72	900	21.6	34,279	-----	-----
1# 20/40	1000	24	300	7.2	11,426	1# - 3.33	41,000
2# 20/40	17233	410.3	5170	123.1	195,360	2# - 6.66	75,466
Flush	-----	-----	-----	-----	12,200	-----	-----
	44733	1066.6	13420	320	472,804		

Cost:

Nitrogen	\$ 5,760	\$17,250
Western Co.	7,200	21,600
Alcohol	1,330	3,990
	<u>\$14,280</u>	<u>\$42,840</u>

1 Job

3 Jobs