

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(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.

4

10. FIELD AND POOL, OR WILDCAT

Ballard Picture Cliff

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

Sec. 32, T23N, R4W

12. COUNTY OR PARISH 13. STATE

Sandoval

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 GAS WELL 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

990 FNL and 1650 FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6883 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

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

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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.)*

8-20-77 Ran wireline; found plug at 2706 ft. G.L. Pressured up tubing to 4000 psig, held okay. Awaiting completion equipment.

8-24-77 Rig up Big A, Blue Jet, Western Co. Run Gamma Ray, Correlation Log and Cement Bond logs. Perforate Chacra 2606'-36' w/1 P2F per Induction Log. Break down with 150 gallons 7-1/2% HCL w/10% Isopropyl. ISDP = 725 psig. Perforated Picture Cliff 2146'-56', 2162'-80', w/1 P2F, 2-1/8" glass jets; broke down with 250 gallons 7-1/2% HCL, 10% Isopropyl Alcohol. ISDP = 500 psig. Swabbed well down to seating nipple. Making 30 MCF to 40 MCF/day. Shut-in.

9-23-77 Rig up Western Co. and Nowco. Fraced per schedule with foam. Treating pressure 2250 psi average. ISDP = 1800 psig. Opened up at 1:00 p.m. Blow back foam.

9-24-77 Blow slight spray of frac fluid. Rate gauged at 500 MCF/day.

9-26-77 Dry gas - rate 500 MCF/day.

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

SIGNED

Steven J. Lunn

TITLE

Engineer

DATE

9-28-77

(This space for Federal or State office use)

APPROVED BY

TITLE

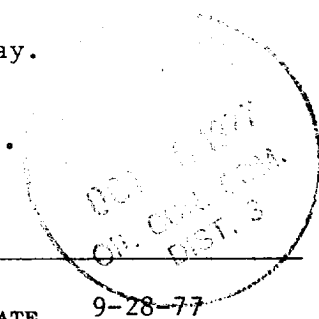
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

SEP 29 1977

*See Instructions on Reverse Side

GEOLOGICAL SURVEY
DENVER, COLO.



Merrion & Bayless

Jicartilla Frac Jobs

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

Pictured C14ffs

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	44733	1066.6	13420	320	12,200			
					472,804			

1 Job

3 Jobs

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>