

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other Instructions on reverse 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.

3

10. FIELD AND POOL, OR WILDCAT

Ballard Picture Cliff

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

Sec. 29, 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 ☐ GAS ☒ OTHER ☐
WELL WELL

2. NAME OF OPERATOR

J. Gregory Merrion and Robert L. Bayless

3. ADDRESS OF OPERATOR

P.O. Box 1541, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

990 FSL and 990 FWL

14. PERMIT NO.

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

6869 ft. G.L.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

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☐

PULL OR ALTER CASING

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☐
☐
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☐

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☒
☒
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Logging

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

☐
☐
☐
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(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 Pressure tested to 4000 psig. Would not hold. Bled 1200 psi/minute.
Ran Cement Bond and Gamma Ray Correlation log. Shut-in.

9-04-77 Doyle Chemical pressured casing to 3000 psig. Pressure dropped to 1800 psig
in 5 minutes and to 800 psig in 20 minutes. Preparing to perforate.

9-07-77 Rig up and perforated La Ventana 2614'-20', 2630'-50', 2664'-68' with 1 per
2 ft. Acidized with 200 gal. 7-1/2% HCL, 10% isopropyl alcohol. Perforated
Picture Cliff 2150'-62' with 1 PF; swabbed well down. Waiting to frac.

9-23-77 Rig up Western Co. and Nowsco. Fraced per design worksheet attached. Average
treating pressure 2500 psig. ISDP = 2100 psig. Open to blow back at 3:00 p.m.

9-24-77 Blowing foam and natural gas.

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

SIGNED

Steven S. Luan

TITLE

Engineer

DATE

9-28-77

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

SEP 29 1977

*See Instructions on Reverse Side

GEOLOGICAL SURVEY

U.S. GOVERNMENT PRINTING OFFICE

Merrion & Bayless

Jicarilla Frac Jobs

Foam Vol.	Fluid Vol.	N ₂ 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
2# 20/40	19500	464.3	5850	139.3	181,926	2# - 6.66
Balls						40,000

Chactra

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