

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.)

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

NOO-C-573
6. IF INDIAN, ALLOTTEE OR TR.

Navajo Allottee
7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Natani

9. WELL NO.

#18

10. FIELD AND POOL, OR WILDCAT

Rusty Chacra

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

Sec. 4, T21N, R6W

12. COUNTY OR PARISH 13. STATE

Sandoval NM

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Robert L. Bayless

3. ADDRESS OF OPERATOR

P.O. Box 168, Farmington, NM 87499

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

790' FNL & 850' FEL

15. ELEVATIONS (Show whether D or B)
6910' GL

RECEIVED
DEC 10 1985

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

14. PERMIT NO.

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

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

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REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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☐
☐

16.

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

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17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of start in 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.)

See Attached Sheet.

RECEIVED
DEC 16 1985
OIL CON. 1
DIST. 3

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

SIGNED

Kevin H. McCon

(This space for Federal or State office use)

TITLE Petroleum Engineer

TITLE

DATE

NOOCC
DATE

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any person any false, fictitious or fraudulent statements or representations as to any matter with

12-4-85 Rigged up the Western Company. Pressure tested casing to 4000 psi. Held OK. SDFN.

12-5-85 No activity.

12-6-85 Rigged up Basin Perforators. Ran GR-CLL from PBTD of 1747' RKB to 1350' RKB. Perforated Chacra interval with 1 JSPF as follows:

1546-1552'	6'	6 holes
1558-1592	34'	34 holes
1639-1645	6'	6 holes
1649-1654'	5'	5 holes
	<u>51'</u>	<u>51 holes</u>

Rigged up the Western Company. Broke down perforations @ 1600 psi. Established injection rate into perforations down casing of 7 BPM @ 950 psi. ISIP = 500 psi. Acidized Chacra interval down the casing with 250 gallons of 7½% DI HCL weighted acid containing 77 RCN 1.1 s.g. ball sealers. Had a 600 psi drop in pressure when acid hit the perforations. Did not balloff well. Final injection rate was 6 BPM @ 600 psi. ISIP = 350 psi. Ran junk basket to retrieve ball sealers. Recovered 5 ball sealers. Fracture stimulated the Chacra interval with 37,500 gallons of 70 quality foam containing 50,000# of 20-40 mesh sand as follows:

7,500 gallons of 70 quality foam pad	20 BPM @ 1900-2100 psi
10,000 gallons of 1 ppg 20-40 sand	20 BPM @ 2150 psi
20,000 gallons of 2 ppg 20-40 sand	20 BPM @ 2200 psi
376 gallons of 70 quality foam flush	20 BPM @ 2200 psi

ISIP = 1300 psi, 5 min = 1250 psi, 10 min = 1200, 15 min = 1200 psi. All water contained 2 % KCL and ½ gal/1000 clay stabilization agent. Average rate 20 BPM. Average pressure 2200 psi. Maximum pressure 2200 psi. Minimum pressures 1900 psi. Nitrogen injection rate was 5700 SCF/min. Total nitrogen pumped 273,600 SCF. Total load to recover 301 bbls. Shut well in for 4 hours. Opened well to the atmosphere through ½" tapped bullplug. Flow well to cleanup.