

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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

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' FSL & 890' FWL

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

14. PERMIT NO.

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

7191' GL 7203' RKB

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 460

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla 460

9. WELL NO.

#2

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 21, T30N, R3W

12. COUNTY OR PARISH 13. STATE

Rio Arriba

NM

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

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.)*

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

SIGNED

TITLE Operator

DATE 01/27/87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

JAN 28 1987

FARMINGTON RESOURCE AREA

BY 858

*See Instructions on Reverse Side

NMOCC

ROBERT L. BAYLESS
PETROLEUM PLAZA BUILDING
P. O. BOX 168
FARMINGTON, NEW MEXICO 87499
(505) 326-2659

DAILY REPORT

Jicarilla 460 #2
790' FSL & 890' FWL
Sec. 21, T30N, R3W
Rio Arriba County, New Mexico

01/12/87 Moved in and rigged up Bayless Rig #6 - rigged up Basin perforators - ran GR CLL from PBTD of 4012 ft RKB to 3400 ft - pressure tested casing to 3500 psi - held OK - trip in hole with bit on 1 1/2" tubing - tagged cement at 4035' RKB drilled out 25 ft of cement to 4060' RKB - pressure tested casing to 3500 psi - held OK - SDFN.

01/13/87 Rigged up the Western Company - had pump problems - couldn't circulate hole clean - trip tubing out of hole - rigged up basin perforations - perforated P.C. interval with 3 1/8" casing gun and 2JSPF as follows:

3688 - 3694	6'	13 holes
3704 - 3720	16'	33 holes
3722 - 3730	8'	17 holes
3735 - 3744	9'	19 holes
3763 - 3774	11'	23 holes
3967 - 3973	6'	13 holes
3982 - 3988	6'	13 holes
3993 - 4000	7'	15 holes
Total	69'	146 holes

Tripped in hole with Baker model "C" fullbore packer on 1 1/2" tubing - circulated hole clean with 2% KCL water - moved packer to 3999' - spotted 250 gallons of 7 1/2% DI HCL acid - moved tubing and packer to 3864 and set - broke down lower P.C. interval down tubing at 1400 psi - established injection rate into perforations down tubing of 4.2 BPM @ 3000 psi, ISIP = 600 psi - broke down upper P.C. interval down the annulus at 1800 psi - established rate down the annulus of 7.2 BPM at 750 psi - ISIP = 300 psi - released packer - moved packer and set at 3388 ft RKB - acidized entire P.C. interval with 750 gallons of 7 1/2% DI HCL weighted acid containing 219 l.l s.g. RCN ball sealers @ 2.5 BPM @ 1150 psi - saw some ball action - did not ball of casing - final injection rate of 3.0 BPM @ 2200 psi, ISIP = 800 psi - moved tubing below perforations to knock ball sealers to bottom - trip tubing and packer out of hole - SCFN.

01/14/87 Rigged up the Western Company - fracture stimulated the Pictured Cliffs interval with 50,000 gallons of 70 quality foam containing 30,000 lbs of 20/40 sand as follows:

20,000 gal of 70 quality foam pad	30 BPM @ 2000 psi
30,000 gal of 1 ppg 20/40 sand	30 BPM @ 1950 psi *
2411 gallons of nitrogen flush	9 BPM @ 1600 1900 psi

* Lost packing in pump - had to flush with nitrogen.

Average rate 30 BPM - average pressure 1950 psi - maximum pressure 2000 psi - minimum pressure 1600 psi - nitrogen injection rate 14,500 SCF/Min - wait on 2 frac pumps - re-fracture stimulate P.C. interval with 57,500 gallons of 70 quality foam containing 100,000 lbs of 20/40 sand as follows:

5,000 gal of 70 quality foam pad	30 BPM @ 2100 psi
5,000 gal of 1 ppg 20/40 sand	30 BPM @ 2000 psi
47,500 gal of 2 ppg 20/40 sand	30 BPM @ 2100 psi
2,411 gal of 70 quality foam flush	30 BPM @ 2100 psi

ISIP = 1,600 psi, 5 min = 1500 psi, 10 min = 1500 psi, 15 min = 1500 psi

Average rate 30 BPM - average pressure 2100 psi - maximum pressure 2100 psi - minimum pressure 2000 psi - nitrogen pump rate 14,500 SCF/Min - total nitrogen pumped 1,229,455 SCF total foam pumped 107,500 gallons - total sand in formation 130,000 lbs 20/40 - total fluid to recover 897 Bbls - Shut in well for 3 hours - opened well to the atmosphere through a 1/2" tapped bullplug - well flowing to cleanup - SDFN.

01/15/87 Well flowing to cleanup.

01/16/87 Well flowing to cleanup (bad weather).

01/17/87 Well flowing and misting lightly (20 psi flowing pressure) tripped in hole with tubing - tagged sand fill at 3915' RKB rigged up the Western Company - cleaned out 145 ft of sand with foam to PBTD of 4060 ft - moved tubing to 3728 to land - landing changeover, threads striped, dropping tubing string 332 ft in wellbore - screwed into fish and layed down 106 jts of corkscrewed tubing - SDFN.

01/18/87 Shutdown , Sunday.

01/19/87 Two day shutin, pressure was 800 psi - blew well down in 30 minutes -
tripped in hole with tubing - tagged sand fill at 4033' RKB - landed 1
1/2" tubing as follows:

<u>DESCRIPTION</u>	<u>LENGTH</u>	<u>DEPTH</u>
KB to landing point	10.00	0-10
109 jts 1 1/2" 2.9# ft J55 EUE tubing	3708.67	10-3719
1 seating nipple	.95	3719-3720
1 it + 1 1/2" 2.9# ft J55 EUE tubing	34.05	3720-3754
	<u>3753.67</u>	

Nipple down BOP - nipple up wellhead - shut well in for AOF - released
rig.