Form 9–331
Dec. 1973

Form Approved.
Budget Bureau No. 42–R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9–331–C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
Robert L. Bayless

3. ADDRESS OF OPERATOR
P.O. Box 1541, Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1850' FNL & 790' FWL
AT TOP PROD. INTERVAL: same
AT TOTAL DEPTH: same

5. LEASE
SF-080116

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Blanco Com

9. WELL NO.
1-E

10. FIELD OR WILDCAT NAME
Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 20, T25N, R9W

12. COUNTY OR PARISH
San Juan

13. STATE
N.M.

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6715' GL

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐		☐
FRACTURE TREAT	☐		☒
SHOOT OR ACIDIZE	☐		☒
REPAIR WELL	☐		☐
PULL OR ALTER CASING	☐		☐
MULTIPLE COMPLETE	☐		☐
CHANGE ZONES	☐		☐
ABANDON*	☐		☐
(other)			

(NOTE: Report results of multiple completion or zone change on Form 9–330.)

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FARMINGTON, N. M.

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.)*

per attached.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Kevin A. McCord TITLE Petrol. Engineer DATE May 27, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

BY _____

05-22-82 Move in, rig up completion unit. Trip in hole with bit, casing scraper and 2 3/8" tubing. Drill out D.V. tool at 4691 ft. Trip to bottom and drill to PBTD of 6590'. Pressure test casing to 3500 psi; held okay. Circulate hole clean with 2% KCL water. Shut down for weekend.

05-23-82 Shut down.

05-24-82 Move tubing to 6501'. Spotted 250 gallons of 7½% D.I. HCL acid. Trip tubing out of hole. Rigged up Blue Jet wireline and ran Gamma Ray, Collar locator log from PBTD of 6597' to 5000'. Perforated Dakota interval with 3-1/8" casing gun and 2JSPF as follows:

6464-6486	22 ft.	
6493-6501	8 ft.	
total:	30 ft.	60 perforations

Rigged up The Western Co. Broke down perforations at 1800 psi. Established rate into perfs of 25 BPM @ 2250 psi. ISIP=1000 psi (21 perfs open). Acidized down the casing with 500 gallons of 15% HCL weighted acid and 90 RCN ball sealers, 20 BPM @ 1800 psi; little ball action seen. Balled off casing to 3500 psi. Ran junk basket to PBTD to recover balls. Junk basket came off rope socket @ 1900 ft. Trip tubing in hole to recover basket. Trip tubing out of hole; recovered basket in entirety. Recovered 90 balls, 28 with perforation marks. Fracture stimulated Dakota interval with 31,000 gallons of 30#/1000 gallons of cross linked gelled water containing 2% diesel and 64,000# 20/40 mesh sand as follows:

6,000 gal. gel pad	29 BPM @ 2000 psi
6,000 gal. 1 ppg 20/40 sand	30 BPM @ 2150 psi
6,000 gal. 2 ppg 20/40 sand	30 BPM @ 2300 psi
6,000 gal. 3 ppg 20/40 sand	30 BPM @ 2300 psi
7,000 gal. 4 ppg 20/40 sand	30 BPM @ 2200 psi
4,317 gal. flush with gel	30 BPM @ 2200 to 2500 psi

ISIP=1850 psi
5 min. = 1700 psi
10 min. = 1450 psi
15 min. = 1300 psi

Average rate 30 BPM; average pressure 2300 psi; maximum pressure 2500 psi; minimum pressure 2000 psi. Shut well in overnight to let gel break and let fracture heal.

05-25-82 Tripped in hole with pump-out plug, seating nipple, and 2-3/8" tubing. Cleaned out sand to PBTD with foam. Landed tubing at 6470' RKB as follows:

Description	Length	Depth
KB to landing point	10.50	0-10
216 jts. 2-3/8", 4.7#/ft., J-55 8rd, EUE new tubing	6430.38	10-6441
1: 25/32" seating nipple	.75	6441-6442
1 jt. 2-3/8" tubing	28.56	6442-6470

Nipple down BOP, nipple up wellhead, blow fluid from well with nitrogen. Well flowing to the pit for cleanup.

05-26-82 Well checked at 2:30 p.m. (approximately 12 hrs. after cleanup). Casing pressure 375 psi, flowing tubing pressure 25 psi, well had strong blow of very wet gas to the pit.

05-27-82 Casing pressure 350 psi, flowing tubing pressure 50 psi. Well had strong blow of gas and misting water. Well shut in at 11:00 a.m. 05-27-82.