

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Conoco, Inc.

3. Address and Telephone No.

10 Desta Dr. Ste 100W, Midland, TX 79705

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

890' FNL & 1800' FEL
Sec. 5, T-29N, R-12W

5. Lease Designation and Serial No.
NM 021118

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal No. 5

9. API Well No.

30-045-08852

10. Field and Pool, or Exploratory Area

Basin Dakota
71599

11. County or Parish, State

San Juan, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☒ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other	☐ Dispose Water

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

13. 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.)

It is proposed to repair a bad section of casing from 4020'-5245' by cementing a 4-1/2" liner in the hole from 6150' to surface as follows:

1. Fill hole with sand from PBTD up to 6150' above Dakota perforations.
2. RIH with a string mill and mill out casing to 6150'.
3. RIH with 4-1/2" casing to 6150'.
4. Circulate cement to cement liner in place.
5. Cut off 4-1/2" casing liner at top of 5-1/2" casing.
6. Drill out float shoe and clean out sand to 6437' PBTD.
7. Put back on production.

RECEIVED
BLM
97 JAN 30 PM 12:10
070 FARMINGTON, NM

RECEIVED
FEB - 7 1997

COIL DEP
BLM

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

Signed

[Signature]

Title Sr. Conservation Coordinator

Date 1/27/97

(This space for Federal or State office use)

Approved by /S/ Duane W. Spencer

Title

Date FEB 04 1997

Conditions of approval, if any:

FM100010 01

BJ SERVICES COMPANY
CEMENTING RECOMMENDATION
4 1/2" X 5 1/2" JOB

VOLUME CALCULATIONS

CEMENT SLURRY CIRCULATED TO SURFACE: 54 CU-FT
 6030 FT X 0.0232 CU-FT/FT WITH 0 % EXCESS = 140 CU-FT
 120 FT X 0.0232 CU-FT/FT WITH 0 % EXCESS = 3 CU-FT
 TOTAL SLURRY VOLUME: 197 CU-FT
 35 BBLs

SPACER: 2000 GAL PKR FLD @ 8.42 LB/GAL

SLURRY NO.	VOLUME CU-FT	VOLUME FACTOR	AMOUNT AND TYPE OF CEMENT
1	194 /	2.42 =	80 SACKS CLASS B + 1.000 % SH + 0.750 % FL-62 + 3.00 LB/SK BA-90 BONDING + 126.280 % WATER
2	3 /	1.39 =	2 SACKS CLASS B + 60.280 % WATER

CEMENT PROPERTIES

	SLURRY NO.1	SLURRY NO.2
SLURRY WEIGHT (LB/GAL)	12.00	14.50
SLURRY YIELD (CU-FT PER SACK)	2.42	1.39
AMOUNT OF MIX WATER (GALS PER SACK)	14.24	6.80
ESTIMATED PUMP TIME (HH:MM)	6:43	
FREE WATER (CC)	3.8	
COMPRESSIVE STRENGTH: 48.0 HR. @ 150 F (PSI)	575	