

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 ☒ other2. NAME OF OPERATOR
El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

Box 289, Farmington, New Mexico 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1040'N, 1540'E

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐CHANGE ZONES ☐ABANDON* ☐

(other)

SUBSEQUENT REPORT OF:

☐☐☐☒☐☐☐☐

5. LEASE

SF 079289

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 28-7 Unit

8. FARM OR LEASE NAME

San Juan 28-7 Unit

9. WELL NO.

234E

10. FIELD OR WILDCAT NAME

Basin Dakota

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

Sec. 15, T-28-N, R-7-W
N.M.P.M.12. COUNTY OR PARISH 13. STATE
Rio Arriba New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6146' GL

(NOTE: Report results of multiple completions or change on Form 9-330.)

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.)*

2-18-81 Casing failed during Dakota frac w/25,000 gallons fluid pumped. Isolated leak between 4850' and 5330'. Set bridge plug at 6980'. Isolated leak between 5085' and 5100' w/packer. Set cement retainer #1 at 4873'. Squeezed w/177 cu. ft. cement. W.O.C. 4 hours.

2-19-81 Resqueezed under retainer #1 w/177 cu. ft. cement. W.O.C. 18 hours.

2-20-81 Drilled out retainer #1 and cement. Attempted to pressure test to 4000 psi. Broke down at 3300 psi.

2-21-81 Set cement retainer #2 at 4873'. Squeezed w/118 cu. ft. cement. W.O.C. 4 hours. Resqueezed under retainer #2 w/236 cu. ft. cement. W.O.C. 12 hours.

2-22-81 Drilled out retainer #2 and cement. Attempted to pressure test to 4000 psi. Broke down at 2500 psi. Set cement retainer #3 at 4873'. Squeezed w/59 cu. ft. cement 4000 psi.

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

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

SIGNED N. A. Jones TITLE Drilling Clerk DATE April 2, 1981

(This space for Federal or State office use)

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

ACCEPTED FOR RECORD

*See Instructions on Reverse Side

APR 22 1981

FARMINGTON DISTRICT
EAD

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

214-149
CIT: 1076

2-23-81 Drilled out retainer #3 and cement.
2-24-81 Milled out bad casing below squeeze job. Pressure tested to 2000 psi. Held O. K. Trip out of hole - left mill, casing scraper and bit sub in hole when 1 1/2" tubing twisted off.
2-25-81 Could not get to top of fish w/overshot. Trip in hole w/mill and milled through bad casing. Trip out of hole. Left mill, casing scraper, stabilizer and bit sub in hole when 1 1/2" tubing twisted off again.
2-26-81 Stood 1 1/2" tubing in derrick and picked up 2 3/8" tubing for work string. Could not get to top of second fish w/overshot. Trip out of hole and found 3 pieces casing in overshot. While going in hole dropped overshot and 3 joints tubing when pin came out of elevators. Went in hole and screwed tubing together. Trip out of hole. Trip in hole w/overshot and recovered mill, casing scraper, stabilizer and bit sub left in hole on 2-25-81.
2-27-81 Milled through bad casing and pushed fish down on top of bridge plug.
2-28-81 Could not catch fish w/overshot. Trip in Hole and dressed off top of fish. Drilled bridge plug loose w/fish. Well began gassing. Trip out of Hole. Trip in hole w/overshot blowing down w/gas. Knocked bridge plug loose trying to catch fish. Could not recover fish.

3-1-81 Decided to leave mill, casing scraper and bit sub lost in hole on 2-24-81. Pushed fish to 7320'. Bottom perf. at 7297'. Set bridge plug at 6980'. Would not pressure test. Est. rate of 1 BPM at 600 psi. Set cement retainer #4 at 4904'. Could not pressure test below or above retainer. Squeezed below retainer w/118 cu. ft. cement. W.O.C. 18 hours.
3-2-81 Found 4 1/2" casing out of slips. Reset slips & cut off casing.
3-3-81 Drilled out retainer #4 and cement. Pressure test to 2000 psi. Held O. K.

3-4-81 Drilled bridge plug and cleaned out to 7320' w/gas. Set 2 joints 2 7/8" casing across bad casing for patch w/packer on top and swab cup on bottom. Sand water traced Dakota w/105,000 gallons gelled water and 155,000# 20/40 sand and 60,000# 10/20 sand.

3-5-81 Recovered casing patch and layed down 2 3/8" tubing string.

3-7-81 Cleaned out after frac w/gas. Ran 227 joints 1 1/2", 2.9#, WP-55, 10 rd wheeling tubing (7261') set at 7271' w/SN at 7238'. Gaged well 214 MCF/D