

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 ☐ Natural Gas Stimulation  
Experiment PS Reentry
2. NAME OF OPERATOR  
U.S. Dept. of Energy/El Paso Natural Gas Co.
3. ADDRESS OF OPERATOR  
U.S. DOE, P.O. Box 14100, Las Vegas, NV 89114
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
1218' FSL, 2070' FWL, Sec. 36, T-29-N,  
AT SURFACE: R-4-W 3678' TVD 15.14' N, 17.14' E  
AT TOP PROD. INTERVAL: of Surface  
AT TOTAL DEPTH: At 4600' MD, 4590.69' TVD, 38.54S &  
76.15' W of Surface
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.)

work started 8/18/78

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.)\*

1. No pressure on casing or tubing. Circulated hole with water.
2. Pull 2-3/8" O.D. Hydril tubing overall length 4222.24'.
3. Travel back in hole with 2-3/8" O.D. tubing and tagged fill @ 3816' and washed down to 3830'.
4. Spotted 175 ft<sup>3</sup> cement plug from 3827' to 3224'. Tagged plug with 14,000# tubing weight.
5. Spotted 75 ft<sup>3</sup> cement plug from 600' to 348'. Tagged top of plug with tubing.
6. Cut 7" O.D. casing off at top of 9-5/8" casing head @ 3.5' below ground level.
7. Spotted a 4 ft<sup>3</sup> cement plug from 15' to surface. Installed a 4" O.D. steel hole marker extending 4.2' above ground level. Backfilled cellar with dirt. Work completed 8-21-78.

Subsurface Safety Valve: Manu. and Type

Set @

Ft.

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

Engrg. & Energy Appl. Div.

FEB 7 1979

SIGNED

TITLE IR.,

DOE / NV

DATE \_\_\_\_\_

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS (

TITLE

DATE \_\_\_\_\_



See Instructions on Reverse Side

100-443887-1

100-10000

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The concentration of the *Agrobacterium* suspension was 10<sup>6</sup> cells/ml (A), 10<sup>7</sup> cells/ml (B), 10<sup>8</sup> cells/ml (C), and 10<sup>9</sup> cells/ml (D). The concentration of the *Agrobacterium* suspension was 10<sup>6</sup> cells/ml (A), 10<sup>7</sup> cells/ml (B), 10<sup>8</sup> cells/ml (C), and 10<sup>9</sup> cells/ml (D). The concentration of the *Agrobacterium* suspension was 10<sup>6</sup> cells/ml (A), 10<sup>7</sup> cells/ml (B), 10<sup>8</sup> cells/ml (C), and 10<sup>9</sup> cells/ml (D). The concentration of the *Agrobacterium* suspension was 10<sup>6</sup> cells/ml (A), 10<sup>7</sup> cells/ml (B), 10<sup>8</sup> cells/ml (C), and 10<sup>9</sup> cells/ml (D).