

COPY TO O. C. C.

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
Estoril Producing Corporation

3. ADDRESS OF OPERATOR
11th Floor Vaughn Bldg., Midland, TX

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 760' FSL & 1980' FEL, Sec. 15
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* ☐

SUBSEQUENT REPORT DATA

(other) progress report of casing procedure

5. LEASE

NM 13641

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Belco Federal

9. WELL NO.

1

10. FIELD OR WILDCAT NAME Undesig.
Antelope Ridge-Morrow Gas

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

Sec. 15, T23S, R34E

12. COUNTY OR PARISH 13. STATE

Lea New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
3428.6 GR

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U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

*E: Report results of multiple completion or zone 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.)*

PLEASE SEE ATTACHED SHEET

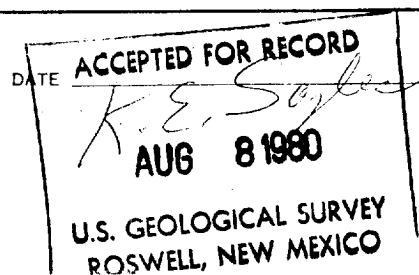
Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Carolyn Nicolson TITLE Agent DATE August 1, 1980

(This space for Federal or State office use)

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



*See Instructions on Reverse Side

OIL CONSERVATION DIV.

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BELCO FEDERAL #1
Lea County, New Mexico

CASING PROCEDURE:

7-21-80

Wash 120' to bottom w/10-3/4" casing, 1 hr circ. to cement, 2 3/4 hrs cementing with 3350 sacks Pacesetter lite, 7# salt per sack, 5# gilsonite per sack, 1/4# celoflake; followed by 200 sacks Class C, 2% gel, 1/4# celoflake per sack. Displaced with 479 bbls mud, 1/4 hr drop plug, open DV tool, 9 hrs circulating, while circulating, hole tried to bridge off; lost 600-700 barrels fld in formation, 3 hrs cement 2nd stage with 3300 sacks Pacesetter lite, 7# salt per sack, 5# gilsonite per sack, 1/4# celoflake. Cement started to circulate after 2999 sacks mixed. Shut down to load DV plug. Casing at 1500# pressure. Unable to put in plug, started displacement; displaced with 270 barrels mud. Shut in with 1500# pressure. Continued to flow cement back; approximately 250 sacks. Saltwater started to flow back indicating formation was charged. 5 hrs WOC, 1 hr nipple dwn. Looks like cement job channelled.

7-22-80

18 hrs nipping up; 6 hrs test to 3500 psi, prep to squeeze 10-3/4" casing & DV tool.

7-23-80

1 hr test BOP to 5000#; 4 hrs test 10-3/4" to 1800#, decreased to 1000#, pumped thru DV tool, 3 bbls/min with returns to surface; 1-3/4 hrs pick up bit, run in hole to 2750', 3/4 hr circulate & cement, 1-1/4 hrs pull out of hole with bit, 3 hrs run in hole with Howco easydrill 10-3/4" packer, 1-1/2 hrs set pkr at 2770', cement with 250 sacks Class C, 9# salt per sack, followed with 250 sacks Class C, 2% CCL. After 400 sacks, closed bradenhead, squeezed last 100 sacks, 1-1/2 hrs pull out of hole, 5-1/4 hrs run in hole with bit, 1 hr WOC, 3 hrs drill 20' cement and packer.

7-24-80

Drill out easydrill retainer, circulate, test casing to 2000#, leak in DV tool, established pump rate at 3 BPM, 1800#, pull out of hole pick up easydrill retainer, run in hole, set retainer at 2780', pumped 150 sacks Class C, followed by 150 sacks Class C, 2% CC, displaced with 138 barrels water, squeezed 25 barrels cement at 3000#, pull out of hole, trip in hole with 9-1/2" bit, WOC, drill 2' cement and retainer; casing set at 5100'

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