

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Co. Division
811 S. 1st Street
Artesia, NM 88210-2834

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1983

CSF

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

Reducing well to injector

2. Name AROC (TEXAS) INC
PO BOX 702373
3. Address TULSA OK 74170-2373

4. Location of well (County, Section, T., R., M., or Survey Description)

345' FSL & 2310' FWL, Unit N
Section 31-T17S-R30E

5. Lease Designation and Serial No.

LC-060529

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Beeson "F" Federal No. 3

9. Well API No.

30-015-04415

10. Field and Pool, or Exploratory Area

Loco Hills QN-GB-SA

11. County or Parish, State

Eddy County, New Mexico

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

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☒ Conversion to Injection

☐ 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 zone.)

06/02/00 RIH w/6 1/4" mill tooth bit, 8-4 1/2" DC's, 2 7/8" tbg and tagged fill @ 2740'. Drilled & circulated down to 2817'.

06/03/00 Drilled calcium sulfate from 2817' to 2825'. Drilled new formation from 2825' to 2833'. Lost circulation-possible hole in casing.

06/05/00 RIH w/7" pkr, SN & 82jts 2 7/8" tbg to 2616' and set pkr @ 2616'. Pull up to 2486', set pkr & pump down BS @ 2 1/2 BPM. Release pkr, pull up to 1972' & set pkr. Pump down BS @ 2 1/2 BPM @ 100 psi. Release pkr, pull up to 1362' & set pkr. Pump down BS @ 2 1/2 BPM @ 100 psi. Set pkr @ 715 & pump down BS @ 100 psi. Release pkr & pull up to 198'. Set pkr & pressure up BS to 800# w/slight bleed off. Set BOP @ 2001'. RU Halliburton Services, nipple down BOP, nipple up Halliburton on 7" csg. Pump 50 bbls of water ahead @ 2 1/2 BPM no pressure, pump 200 sx Premium w/2 1/2% CC @ 15.5# gal @ 200#. Wait on cement.

06/06/00 No cement in casing. Prep to re-cement.

06/08/00 Pumped cmt down 7" from surface. Pumped 10 bbls fresh wtr w/10% Calcium Chloride, pumped 2 bbls fresh wtr 250 gals Super Flush, 2 bbls fresh wtr, 50 sx 14.6#gal Class H cement, 2 bbls fresh wtr, 250 gals Super Flush 100 2 bbls of water, 50 sx 14.6#gal class H cement, 2 bbls fresh wtr, 250 gals Super Flush 100, 2 bbls of wtr, 100 sx 14.9# gal Class H cement. Shut well in.

06/09/00 RIH w/6 1/4" mill tooth bit, 1 - 4 3/4" DC, 2 7/8" tbg & tagged @ 132'. Drilled hard cement to 204' and fell out of cement - no lost circulation. Drilled new hole from 2833' to 2841'. Circulated well clean.

cont'd on back

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

Signed

Thalia Marshall

Title

Date 06/27/00

(THIS SPACE FOR FEDERAL OR STATE OFFICE USE)

Approved By

Title

DAVID R. GLASS
JUL 06 2000

Conditions of approval, if any:

Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

WFW
SI

06/10/00 Drilled from 2841' to 2882'. Circula. Clean.

06/12/00 RIH w/6 1/4" button bit, 8 - 4 3/4" DC, 2 7/8" tbg & tagged @ 2882'. Drilled from 2882' to 2922'. Circulated clean.

06/13-16/00 Drilled from 2922' to 3200' (TD). Circulated well clean.

06/17/00 RIH w/4 1/2" shoe, 1 shoe joint, 1 float collar, 73 jts new 4 1/2" 10.5# casing & set shoe @ 3200'. Cemented w/ 180 sx Halliburton Lite & 100 sx Class C w/2% CC. Circulated 10 sx to pit.

06/19/00 Ran Gamma Ray - CNL - CCL from 3163' to 1800'. Perforated 2881' to 3152' (19 holes-Grayburg Formation). RIH w/4 1/2" tension pkr, 2 3/8" tbg to depth of 2850'. SWI.

06/20/00 Acidized perfs 2331' to 3152' (19 holes) w/2500 gals 15% NEFE acid w/48 ball sealers.

06/21/00 RIH w/4 1/2" 10.5# plastic coated AD-1 tension pkr, 89 jts new 2 3/8" plastic coated (TK-70) injection tbg. Circulated pkr fluid down the annulus & set pkr @ 2810'. Pressure tested to 310 psi for 30 min (held good).

Shut well in pending completion of other 4 injection wells in the SW/4 of Section 31.

Original chart attached.

APPROVED BY

90-917 E-110-111

11/10/00

