

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY - 8 1992

FORM APPROVED
Budget Bureau No. 1004-0135
Expires September 10, 1990

clsf

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

ARCO Oil & Gas Company

3. ADDRESS AND TELEPHONE NO.

P.O. Box 1610, Midland, TX 79702 (915) 688-5672

4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description)

450 FNL & 1175 FWL (Unit Letter D)
11-18S-27E

5. LEASE DESIGNATION AND SERIAL NO.

LC067858

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. IF UNIT OR CA, AGREEMENT DESIGNATION

8. WELL NAME AND NO.

Empire Abo Unit "M" #133

9. API WELL NO.

30-015-22833

10. FIELD AND POOL, OR EXPLORATORY AREA

Empire Abo

11. COUNTY OR PARISH, STATE

Eddy

12. 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

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

3. 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.)*

Propose to recomplete Abo in a higher interval and stimulate.

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

SIGNED Ken W Gosnell TITLE Regulatory Coordinator DATE 4-24-92

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE 5/6/92
CONDITIONS FOR APPROVAL, IF ANY:

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

PROPOSED WORKOVER
EMPIRE ABO UNIT WELL M-133

Purpose: Plug back watered out Abo zone & perforate & test in Abo Reef

BRIEF OUTLINE OF PROPOSED WORKOVER

1. MIRU PU. NDWH. NU BOP. POH
2. Set CIBP above existing perfs. 6044-64
3. Perforate 5998-6010 w/ 2 JSPF.
4. If well is on vacuum: Swab prior to acidizing.
5. If well is not on vacuum: RIH w/ tbg & RET PKR & spot 100 gals 15% HCl.
6. Acidize 5998-6010 w/ 1500 gals 15%. Max Press. = 1000 psi.
7. If productive then RIH w/ CA. If not productive set a CIBP.
8. Perforate 5966-76' w/ 2 JSPF. Continue as with steps 4, 5 & 6
9. POH w/ Tbg. & Pkr. RIH w/ CA as per production dept.

JUSTIFICATION

EAU Well M-133 is located downstructure on the fore reef side of Abo Reef. The well has watered out in the current perforations. Based on the offset producers average rate of 15 BOPD, see the attached production plat, payout of the proposed workover is expected to take 4.3 months.

COST ESTIMATE

The estimated gross cost of the workover is \$19,700 based on D. C. Bretches letter of March 3, 1992. Co-owner approval is not required as the expenditure is less than \$25,000.

JL 4-14-92