

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BLM - CARLSBAD

FORM APPROVED
Budget Bureau No. 1004-0133
Expires: September 30, 1990

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

RECEIVED
CARLSBAD RESERVOIR
AREA HEADQUARTERS

5. Lease Designation and Serial No.

LC 067858

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

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)

1650 FNL & 1980 FWL (Unit Letter F)

ARTESIA, OFFICE

8. Well Name and No.

Empire Abo Unit N #14

9. API Well No.

10. Field and Pool, or Exploratory Area

Empire Abo

11. County or Parish, State

Eddy Co., NM

Ac 11-183-27E

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

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☒ 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.)

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 work.)

Propose to P&A as follows:

Plug	Interval	Cmt	Remarks
1	5225-5260	5 sx	CIBP w/35' cmt. WITH BAILER, OR 50' THROUGH TUBING.
2	1810-1960	60 sx	Perf at 1960. CR at 1860. (TO SA 1910)
3	954-1054	60 sx	Perf at 1054. CR at 954.
4	0-400	125 sx	Perf at 400. Circ cmt inside & out.

CO csg head & install dry hole marker.

NOTIFY BLM PRIOR TO COMMENCING PLUGGING OPERATIONS.

PLACE LADEN MUD OF A MINIMUM WEIGHT OF 9.0 PPg BETWEEN PLUGS.

USE CLASS "C" CEMENT w/2% CaCl₂ MIXED WITH 6.3 Gals OF FRESH WATER PER SACK, AND SLURRY WEIGHT OF 14.8 PPg.

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

Signed Kenn W. Gosnell

Title Regulatory Coordinator

Date 5/11/90

(This space for Federal or State office use)

Approved as to plugging of the well bore.

Liability under bond is retained until
Contract or approval is completed.

Title PETROLEUM ENGINEER

Date 5-24-90

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.

Approved as to plugging of the well bore
Liability under bond is retained until
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WORKOVER PROCEDURE

DATE:5/04/90

WELL & JOB: EMPIRE ABO UNIT N-14 PLUG AND ABANDON

DRILLED: 1958

LAST WORKOVER:

FIELD: EMPIRE ABO

COUNTY: EDDY

BY: GORE

TD: 6208'

PBD: 6166' CIBP

DATUM:

CASING:	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>SET @</u>	<u>SX CMT</u>	<u>TOC</u>
SURFACE:	8-5/8"			1004	650	SURFACE
INTER:						
PROD:	4-1/2"			6202'	250	4826' CALC

PERFORATIONS: 6159'-6164'

BACKGROUND: DRILLED BY AMOCO IN 1948.

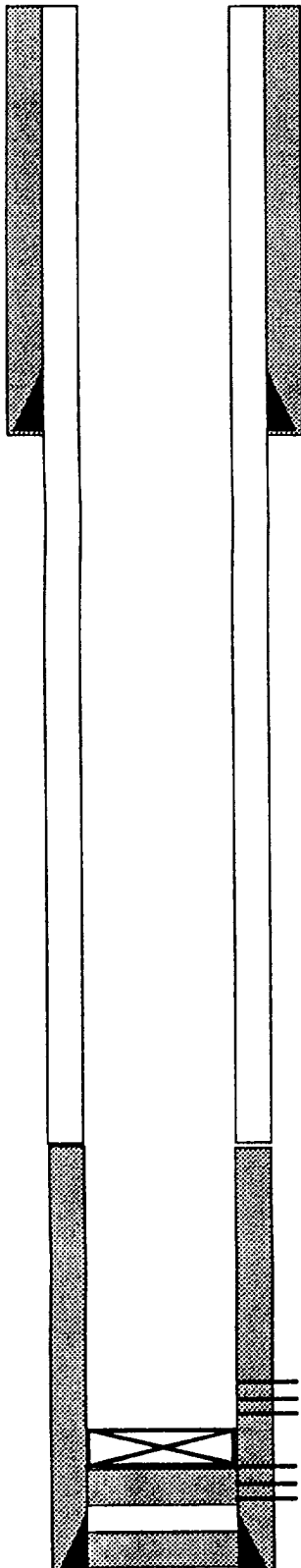
SCOPE OF WORK: PLUG AND ABANDON WELL.

PROCEDURE

1. MIRU PU. NU BOPE.
 - a. RESEARCH RECORDS IN HOBBS. MIDLAND RECORDS ARE VERY POOR.
2. Set CIBP @ 5260' and dump 35' cement on same.
3. Perforate @ 1960'. TIH w/ packer and establish IR. POOH. RIH and set CR @ 1810' and squeeze cement w/ 60 sacks. POOH.
4. Perforate casing @ 1054' and establish IR. TIH and set CR @ 954'. Squeeze cement w/ 60 sacks.
5. Perforate casing @ 400' and cement to surface w/ 125 sacks Class C.
6. ND BOPE. Cut off casing head and weld on dry hole marker. restore location.

EMPIRE ABO UNIT N-14

PRESENT



8-5/8" @ 1004'

TOC CALCULATED @ 4826'

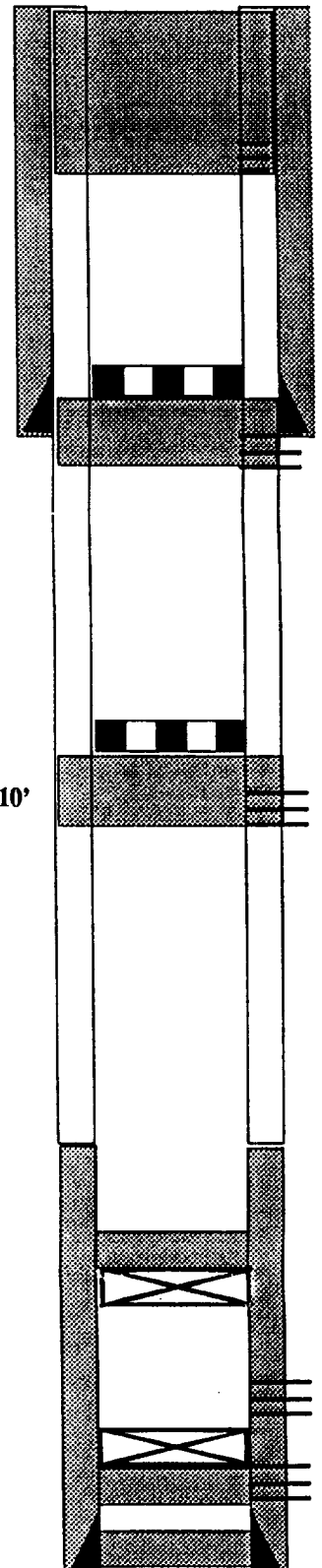
PERFORATIONS
6159'-6154'

CIBP @ 6166'

4-1/2" @ 6202'

TD @ 6208'

PROPOSED



PERFS @ 400'
CEMENT TO SURF

RETAINER @ 954'

PERFS @ 1054'

RETAINER @ 1860'
SAN ANDRES @ 1910'
PERFS @ 1960'

CIBP @ 5260' CAP
WITH 35' CEMENT