

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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 Permian

3. Address and Telephone No.

P.O. Box 1089, Eunice, NM 88231

505-394-1649

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

L, 2310' FSL & 330' FWL
Sec. 29, T17S, R29E

5. Lease Designation and Serial No.

NM-29281

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8910138010

8. Well Name and No.

Empire Abo Unit "C" 49

9. API Well No.

30-015-03185

10. Field and Pool, or exploratory Area

Empire Abo

11. County or Parish, State

Eddy

NM

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
☐ 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 give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

TD: 6303' PBD: 6284' PERFS: 6247-6257', 6272-6282'

P&A wellbore per attached procedures. NOTE: Mike Stubblefield requested that cmt be spread across 8-5/8" csg shoe @ 50' below original 772'. New depth will be 823'.

Verbal permission granted to begin operations from Mike Stubblefield - NMOCD and Joe Lara - BLM 03/24/00.

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

Signed

Gary Gourley

Title Administrative Assistant

Date 03/24/00

(This space for Federal or State office use)

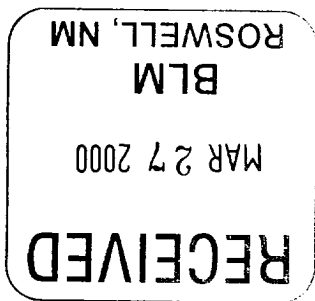
Approved (ORIG. SGD.) GARY GOURLEY

Title PETROLEUM ENGINEER

Date

Conditions of approval, if any:

APR 04 2000



ARCO PERMIAN
SOUTH EAST NEW MEXICO ASSET GROUP
CONDITION OF HOLE & PROCEDURE

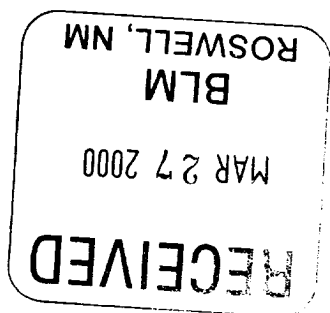
To: Mike [unclear] 3/24
To: Joe Lara 3/24

DATE: 03/23/2000**FIELD:** Empire Abo**LOCATION:** 2310' FSL & 330' FWL (L)
SEC. 29, T-17S, R-29E
Eddy County, New Mexico**LSE/UNIT:** Empire Abo Unit**API:** 30-015-03185**WELL NO.** C-49**CONDITION OF HOLE:****ETD or TOTAL DEPTH:** 6,303'**PBTD:** 6,284'**K.B. DATUM IS** 3641'
G.L. DATUM IS 3631'**CASING RECORD:** 8-5/8" @ 772' w/225 sx cmt (TOC @ Unknown)
5-1/2" @ 6294' w/570 sx cmt (TOC @ Unknown)**PERFORATIONS:** 6272'-6282' (P&A'd - sqz'd)
6247'-6257' (Open)**PROCEDURE:**

1. MIRU PU. ND WH & NU BOP.
2. RU WLU and run CBL to determine TOC.

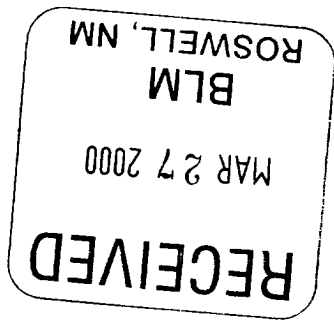
NOTE: The top of cement on all casing strings was not circulated to surface. If the CBL shows the TOC is above the Tubb @ 4810' or Glorieta @ 3838' or San Andres @ 2433' or Yates @ 801', this procedure will change in that we can either perforate at the top of each zone or spot a cement plug across the top of each zone and across the 8-5/8" casing shoe @ 772'.

3. RIH and set CIBP @ 6230', dump 35' cement on top of CIBP.
4. If necessary, perforate the casing @ 4800' (Top of Tubb @ 4810').
5. TIH w/pkr and set @ 4700', establish injection rate thru perforations. POOH. TIH w/CR and set @ 4700', squeeze perforations w/60 sx Cl. 'C' cement. POOH.
6. If necessary, perforate the casing @ 3830' (Top of Glorieta @ 3838').
7. TIH w/pkr and set @ 3730', establish injection rate thru perforations. POOH. TIH w/CR and set @ 3730', squeeze perforations w/60 sx Cl. 'C' cement. POOH.



Empire Abo Unit
C-49

8. If necessary, perforate the casing @ 2400' (Top of San Andres @ 2433')
9. TIH w/pkr and set @ 2300', establish injection rate thru perforations. POOH. TIH w/CR and set @ 2300', squeeze perforations w/60 sx Cl. 'C' cement. POOH.
10. If necessary, perforate the casing @ 1700' (Top of Queen @ 1709').
11. TIH w/pkr and set @ 1600', establish injection rate thru perforations. POOH. TIH w/CR and set @ 1600', squeeze perforations w/60 sx Cl. 'C' cement. POOH.
12. Perforate the casing @ 800' (Top of Yates @ 801').
13. Establish injection rate and pump sufficient Cl. 'C' thru perforations to fill casing annulus and production casing to surface. POOH.
14. Cut off wellhead and weld on Dry Hole Marker.
15. Restore location.



CURRENT WELLBORE SCHEMATIC

ARCO PERMIAN**Empire Abo Unit NO. C-49****2310' FSL & 330' FWL (L)****Sec. 29, T-17-S, R-29-E,****Eddy County, NM****API: 30-015-03185****Spudded: 01/14/62****Completed: 01/24/62**

Surface Casing 8 5/8" 28#
Cmt'd w/225 sx, Cmt. Did Not Circulate
Shoe @ 772'

Top of cement unknown

KB: 3641' GL: 3631'

Production Casing 5-1/2" 15.5# J-55
Cement w/570 sx 50-50 pozmix cmt
Shoe @ 6294' Cmt. Did Not Circulate

6247'-6257'

Cmt. Retainer @ 6266'

6272'-6282' (Sqz'd w/440 sx cmt)

TD @ 6303', PBTD @ 6284'

DLK 03-23-2000

RECEIVED
MAR 27 2000
BLM
ROSSELL, NM

PROPOSED P&A WELLBORE SCHEMATIC

ARCO PERMIAN

Empire Abo Unit NO. C-49

2310' FSL & 330' FWL (L)

Sec. 29, T-17-S, R-29-E,

Eddy County, NM

API: 30-015-03185

Spudded: 01/14/62

Completed: 01/24/62

Surface Casing 8 5/8" 28#
Cmt'd w/225 sx, Cmt. Did Not Circulate
Shoe @ 772'

Top of cement unknown

KB: 3641' GL: 3631'

Cmt plug from 800' to surface'
(Top of Yates @ 801')

25 sx. cmt plug @ 1700'
(Top of Queen @ 1709')

25 sx. cmt plug @ 2400'
(Top of San Andres @ 2433')

25 sx. cmt plug @ 3830'
(Top of Glorieta @ 3838')

25 sx. cmt plug @ 4800'
(Top of Tubb @ 4810')

CIBP @ 6230' w/25 sx. cmt plug on top
(Top of Abo @ 6234')

6247'-6257'

Cmt. Retainer @ 6266'

6272'-6282' (Sqz'd w/440 sx cmt)

TD @ 6303', PBTD @ 6284'

Production Casing 5-1/2" 15.5# J-55
Cement w/570 sx 50-50 pozmix cmt
Shoe @ 6294' Cmt. Did Not Circulate

