

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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
Phoenix Hydrocarbons Operating Corp

3. Address and Telephone No.
P O Box 3638, Midland, TX 79702, 915-682-1186

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1190' FNL & 820' FEL, Sec 13, T-27-N, R-8-W

5. Lease Designation and Serial No.
NMNM-019402

6. If Indian Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Largo Fed #5

9. API Well No.
30-045-21197

10. Field and Pool, or Exploratory Area
Otero Chacra

11. County or Parish, State
San Juan, New Mexico

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

As per our Sundry Notice of 10/15/01 please find attached Plug and Abandonment Procedure for the Largo Fed #5, as well as a current well bore diagram and proposed P&A well bore diagram.

Please expedite this application as soon as possible, we plan to do the work the week of December 20th, 2001.

Thank you.

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

Signed Phyllis R. Gunter

Title Phyllis R. Gunter, Agent

Date 12/12/01

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date 12/17/01

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.

*See Instruction on Reverse Side

NMOCL

Largo Federal #5

Otero Chacra

1190' FNL & 820' FEL, Section 13, T27N, R8W

San Juan County, New Mexico / API #30-045-21197

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and/or test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Phoenix safety rules and regulations. Kill well as necessary. ND wellhead and NU BOP, test BOP.
2. TOH and tally 1-1/4" tubing, total 3928'. Visually inspect tubing, if necessary use a workstring. Round-trip 4-1/2" gauge ring or casing scraper to 3844' or as deep as possible.
3. **Plug #1 (Chacra perforations, 3844' – 3744')**: TIH and set a 4-1/2" cement retainer at 3844'. Pressure test the tubing to 1000#. Load casing and circulate well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 12 sxs cement and spot a balanced plug to isolate the Chacra perforations. PUH to 2970'.
3. **Plug #2 (Pictured Cliffs and Fruitland tops, 2970' – 2430')**: Mix 46 sxs cement and spot balanced plug inside casing to cover through the Fruitland top. PUH to 2240'.
4. **Plug #3 (Kirtland and Ojo Alamo tops, 2240' – 2040')**: Mix 20 sxs cement and spot balanced plug inside casing to cover through the Ojo Alamo top. PUH to 1150'.
5. **Plug #4 (Nacimiento top, 1150' – 1050')**: Mix 12 sxs cement and spot balanced plug inside casing to cover the Nacimiento top. TOH and LD tubing.
6. **Plug #5 (8-5/8" surface casing, 180' - Surface)**: Perforate 3 HSC squeeze holes at 180'. Establish circulation out bradenhead with water. Mix and pump approximately 60 sxs down the 4-1/2" casing and circulate good cement out bradenhead. Shut in well and WOC.
7. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

API # 30-045-21197

TD 3950'

Largo Federal #5

Proposed P&A

Otero Chacra

NE, Section 13, T-27-N, R-8-W, San Juan County, NM

API # 30-045-21197

Today's Date: 11/26/01

Spud: 2/14/73

Completed: 10/16/73

Elevation: 6572'

12-1/4" hole

Nacimiento @ 1100'

Ojo Alamo @ 2090'

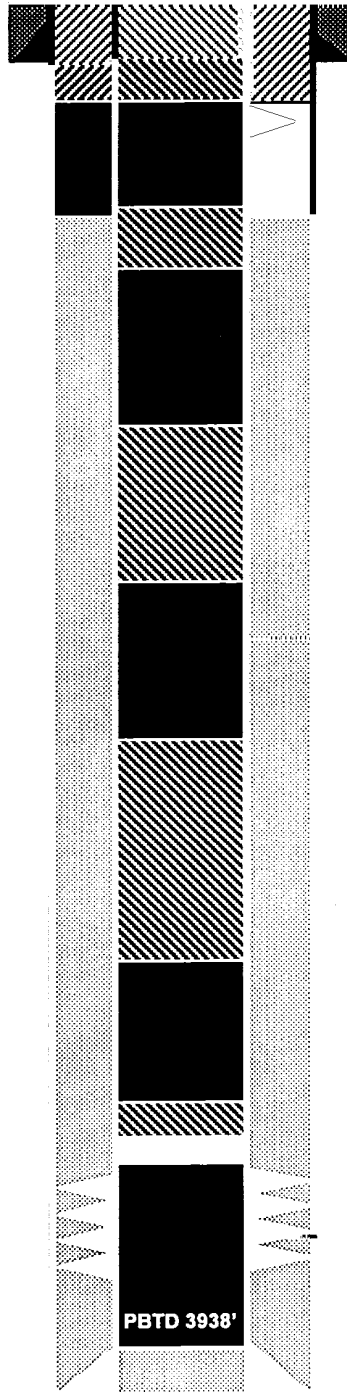
Kirtland @ 2190'

Fruitland @ 2480'

Pictured Cliffs @ 2920'

Chacra @ 3894'

6-3/4" hole



8-5/8" 24# Casing set @ 130'
Cmt w/100 sxs (Circulated to Surface)

Perforate @ 180'

Plug #5: 180' - Surface'
Cement with 60 sxs

TOC @ 1082' (Calc, 75%)

Plug #4: 1150' - 1050'
Cement with 12 sxs

Plug #3: 2240' - 2040'
Cement with 20 sxs

Plug #2: 2970' - 2430'
Cement with 46 sxs

Plug #1: 3844' - 3744'
Cement with 12 sxs

Set Cmt Retainer @ 3844'

Chacra Perforations:
3894' - 3906'

4-1/2" 9.5# Casing set @ 3966'
Cement with 450 sxs (398 cf)

TD 3950'