

submitted in lieu of Form 3160-5

RCVD MAR7'07  
OIL CONS. DIV.  
DIST. 3

2007 MAR -1 PM 2:07

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Sundry Notices and Reports on Wells

RECEIVED

BLM  
210 FARMINGTON NM

1. **Type of Well**  
Oil

2. **Name of Operator**  
Lance Oil & Gas Company, Inc.

3. **Address & Phone No. of Operator**

P.O. Box 70, Kirtland, NM 87417

**Location of Well, Footage, Sec., T, R, M**

1884' FSL & 652' FWL, Section 23, T-29-N, R-14-W,

5. **Lease Number**  
14-20-603-2198A  
6. **If Indian, All. or Tribe Name**  
Navajo Nation  
7. **Unit Agreement Name**  
NW Cha Cha Unit  
8. **Well Name & Number**  
NW Cha Cha Unit #27  
9. **API Well No.**  
30-045-29164  
10. **Field and Pool**  
Cha Cha Gallup  
11. **County & State**  
San Juan, NM

12. **CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA**

**Type of Submission**

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

**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

13. **Describe Proposed or Completed Operations**

Lance Oil & Gas Company, Inc., proposes to plug and abandon the above referenced well according to the attached P&A procedure.

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

Signed Thomas M. Erwin 2/28/07 Title Production Superintendent Date 2/21/07  
Thomas M. Erwin, P.E.

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_

CONDITION OF APPROVAL, if any:

Date MAR 06 2007

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly 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.

NMCOO

## NW Cha Cha Unit #27 – Gallup PLUG AND ABANDONMENT PROCEDURE

1884' FSL & 652' FWL  
SW, Section 23, T29N, R14W  
San Juan County, NM API #30-045-29164  
Latitude: N \_\_\_\_\_ Longitude: W \_\_\_\_\_

2/8/07

**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 III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Lance safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.

1. TOH and tally 2.875" tubing, total 5240'. Inspect tubing and if necessary LD and PU workstring. Round-trip 5.5" gauge ring to 5030'.
2. **Plug #1 (Gallup perforations and top, 5030' – 4715')**: TIH and set cement retainer at 5030'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Pressure test casing to 1000#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 37 sxs cement and spot a balanced plug inside the casing to cover the Gallup interval. PUH to 2670'.
3. **Plug #2 (Mesaverde top, <sup>2046'</sup>2670' – <sup>1946'</sup>2570')**: Mix 16 sxs cement and spot a balanced plug inside casing to cover the Mesaverde top. PUH to 1098'.
4. **Plug #3 (Pictured Cliffs and Fruitland tops, 1098' – 650')**: Mix 51 sxs cement and spot a balanced plug inside casing to cover the PC and Fruitland tops. PUH to 275'.
5. **Plug #4 (8.625" casing shoe and surface, 275' - Surface)**: Connect the pump line to the bradenhead valve. Pressure test the bradenhead annulus to 300#, note volume to fill. If it tests, then with tubing at 275', establish circulation out casing valve with water. Mix approximately 35 sxs cement and fill the 5.5" casing to surface, circulate good cement out the casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate 3 squeeze holes at the appropriate depth and fill the BH annulus with cement to surface, covering inside 50' below casing shoe top. TOH and LD tubing. Shut in well.
6. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

# NW Cha Cha Unit #27

## Current

Cha Cha Gallup

652' FWL & 1884' FSL, Section 23, T-29-N, R-14-W

San Juan County, NM / API #30-045-29164

Lat: N \_\_\_\_\_ / Long: W \_\_\_\_\_

Today's Date: 2/8/07

Spud: 9/19/94

Comp: 12/1/94

Elevation: 5508' GL

5518' KB

12.25" Hole

Top of Cmt @ Surface, circ 11 bbls  
per Sundry Notice

8.625", 24# J-55 Casing set @ 225'  
195 sxs cement circulated to surface

### WELL HISTORY

No workover of record

Fruitland @ 700' \*est

Pictured Cliffs @ 1048'

Mesaverde @ 2620'

Gallup @ 4765'

2.875" tubing @ 5240'

Gallup Perforations:  
5080' - 5222'

7.875" Hole

5.5", 15.5#, J-55 Casing @ 5330'  
Cemented with 550 sxs (1180 cf)

TD 5330'  
PBD 5275'

# NW Cha Cha Unit #27

## Proposed P&A

Cha Cha Gallup

652' FWL & 1884' FSL, Section 23, T-29-N, R-14-W

San Juan County, NM / API #30-045-29164

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Today's Date: 2/8/07

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Elevation: 5508' GL

5518' KB

12.25" Hole

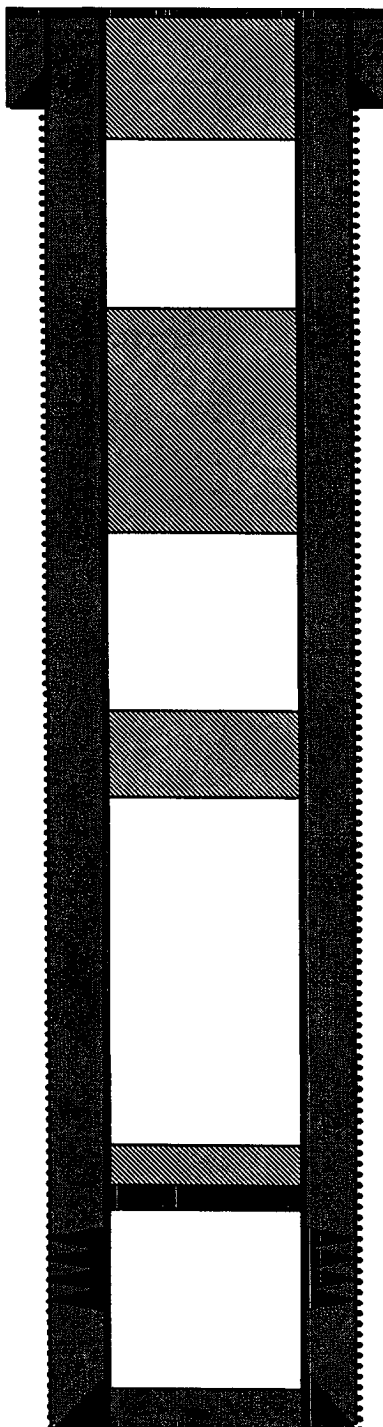
Fruitland @ 700' \*est

Pictured Cliffs @ 1048'

Mesaverde @ 2620'

Gallup @ 4765'

7.875" Hole



Top of Cmt @ Surface, circ 11 bbls  
per Sundry Notice

8.625", 24# J-55 Casing set @ 225'  
195 sxs cement circulated to surface

**Plug #4: 275' - 0'**  
Type III cement, 35 sxs

**Plug #3: 1098' - 650'**  
Type III cement, 51 sxs

**Plug #2: 2670' - 2570'**  
Type III cement, 16 sxs

**Set CR @ 5030'**

**Plug #1: 5030' - 4715'**  
Type III cement, 37 sxs

Gallup Perforations:  
5080' - 5222'

5.5", 15.5#, J-55 Casing @ 5330'  
Cemented with 550 sxs (1180 cf)

TD 5330'  
PBD 5275'