

submitted in lieu of Form 3160-5

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

2007 MAR -1 PM 2:09

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

1761' FNL & 1741' FEL, Section 28, T-29-N, R-14-W,

5. Lease Number  
14-20-603-2168A
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 #49
9. API Well No.  
30-045-29126
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.

NMOCDB

## NW Cha Cha Unit #49 – Gallup PLUG AND ABANDONMENT PROCEDURE

1761' FNL & 1741' FEL  
NE, Section 28, T29N, R14W  
San Juan County, NM API #30-045-29126  
Latitude: N \_\_\_\_\_ Longitude: W \_\_\_\_\_

2/16/07

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. PU and release pump. Re-seat pump. Pressure test tubing to 1000 PSI. TOH and LD rods and pump. TOH and tally 2.875" tubing, SN @ 5086' and TAC @ 4893', total 5122'. Inspect tubing and if necessary LD and PU workstring.
2. **Plug #1 (Gallup perforations and top, 4928' – 4708')**: TIH and set cement retainer at 4928'. 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 28 sxs cement and spot a balanced plug inside the casing to cover the Gallup interval. PUH to 1925'.
3. **Plug #2 (LaVentana top, <sup>2038</sup>1925' – <sup>1938</sup>1825')**: Mix 16 sxs cement and spot a balanced plug inside casing to cover the LaVentana top. PUH to 1072'.
4. **Plug #3 (Pictured Cliffs and Fruitland tops, 1072' – 625')**: Mix 51 sxs cement and spot a balanced plug inside casing to cover the PC and Fruitland tops. PUH to 279'.
5. **Plug #4 (8.625" casing shoe and surface, 279' - 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 279', 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 #49

## Current

Cha Cha Gallup

1761' FNL & 1741' FEL, Section 28, T-29-N, R-14-W

San Juan County, NM / API #30-045-29126

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

Today's Date: 2/16/07

Spud: 7/18/94

Comp: 8/21/94

Elevation: 5606' GL

5616' KB

12.25" Hole

Fruitland @ 675' \* estimate

Pictured Cliffs @ 1022'

LaVentana @ 1875' \* estimate

Gallup @ 4758'

7.875" Hole

TD 5265'  
PBSD 5232'

Top of Cmt @ Surface, circ 10 bbs  
per Sundry Notice

8.625" 24# J-55 Casing set @ 229'  
145 sxs cement circulated to surface,  
Circulate 5 bbs cement to surface per  
Sundry.

### WELL HISTORY

Nov '94: Re-perforate Gallup 4978' - 5178'. Re-  
frac perforations. Ran rods, tubing and pump.

2.875" tubing at 5122'  
(161 jts, SN @ 5086', TAC @ 4893' with  
rods and pump)

DV Tool @ 2000'  
Cemented with 215 sxs (513 cf)

Top of Cmt @ 2622' (Calc, 75%)

Gallup Perforations:  
4978' - 5178'

5.5", 15.5# J-55 Casing @ 5265'  
Cemented with 355 sxs (610 cf)

# NW Cha Cha Unit #49

## Proposed P&A

Cha Cha Gallup

1761' FNL & 1741' FEL, Section 28, T-29-N, R-14-W

San Juan County, NM / API #30-045-29126

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

Today's Date: 2/16/07

Spud: 7/18/94

Comp: 8/21/94

Elevation: 5606' GL

5616' KB

12.25" Hole

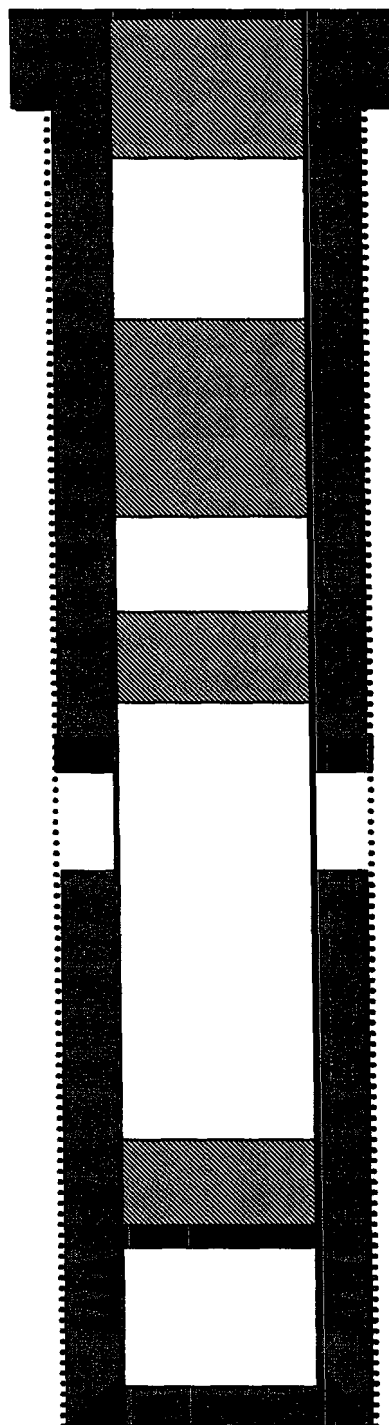
Fruitland @ 675' \* estimate

Pictured Cliffs @ 1022'

LaVentana @ 1875' \*estimate

Gallup @ 4758'

7.875" Hole



Top of Cmt @ Surface, circ 10 bbs  
per Sundry Notice

8.625", 24# J-55 Casing set @ 229'  
145 sxs cement circulated to surface,  
Circulate 5 bbls cement to surface per  
Sundry.

Plug #4: 279' - 0'  
Type III cement, 35 sxs

Plug #3: 1072' - 625'  
Type III cement, 51 sxs

Plug #2: 1925' - 1825'  
Type III cement, 16 sxs

DV Tool @ 2000'  
Cemented with 215 sxs (513 cf)

Top of Cmt @ 2622' (Calc, 75%)

Plug #1: 4928' - 4708'  
Type III cement, 28 sxs

Set CR @ 4928'

Gallup Perforations:  
4978' - 5178'

5.5", 15.5# J-55 Casing @ 5265'  
Cemented with 355 sxs (610 cf)

TD 5265'  
PBD 5232'