

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR 03 MAR 14 PM 1:25
BUREAU OF LAND MANAGEMENT
Sundry Notices and Reports on Wells ALBUQUERQUE, N.M.

1. **Type of Well**
Gas

2. **Name of Operator**
Little Oil & Gas

3. **Address & Phone No. of Operator**
P.O. Box 111, Farmington, NM 87499

Location of Well, Footage, Sec., T, R, M
2900' FNL & 1650' FEL, Section 1, T-25-N, R-3-W,

5. **Lease Number**
SF 080539

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**

8. **Well Name & Number**
Hurt Federal #1

9. **API Well No.**
30-039-24126

10. **Field and Pool**
Ojito Gallup

11. **County & State**
Rio Arriba County, NM

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

Type of Submission	Type of Action	
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

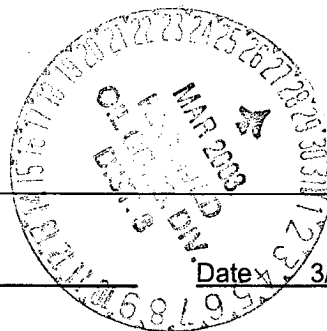
Little Oil & Gas plans to plug and abandon this well per the attached procedure.

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

Signed Joe Elledge Title Agent Date 3/10/03

(This space for Federal or State Office use)
APPROVED BY /s/ Brian W. Davis
CONDITION OF APPROVAL, if any:

Title Division of Multi-Resources Date MAR 23 2003



Hurt Federal #1 Current

West Lindrith Gallup

2900' FWL, 1650' FEL, Unit G, Section 1, T-25-N, R-3-W

Rio Arriba County, NM API #30-39-24126

Today's Date: 3/10/03
Spud: 7/22/87
Completed: 8/26/87
Elevation: 7320' GL

12-1/4" hole

Casing patch
786' to 806'

Nacimiento @ 1705'

Ojo Alamo @ 3210'

Kirtland @ 3460'

Fruitland @ 3530'

Pictured Cliffs @ 3805'

Mesaverde @ 5500'

Gallup @ 6696'

Dakota @ 8003'

7-7/8" hole

TD 8350'

Squeeze cement circulated to surface

9-5/8" 36# Casing set @ 302'
Cement with 189 cf (Circulated to Surface)

Casing leak at 834', squeezed with total 340
sxs cement, collar parted at 792' (1987)

TOC @ 1118' (Calc,75%)

Well History

Sep '87: Set CIBP at 7900' and TA Dakota formation. Isolate casing leak from 803' to 834'. Squeeze with 290 sxs cement, circulated out BH; drill out to 795', no pressure test. Squeeze with 50 sxs cement, drill out to 792', no pressure test. Ran Casing Inspection Log, casing collar jump at 792'. Set Homco casing patch from 786' to 806' (0.125" thick).

2-3/8" Tubing set at 7233'
(With rods and pump)

DV Tool @ 4037'
Cement with 510 sxs (887 cf)
TOC @ 3rd DV (Calc,75%)

DV Tool @ 6267'
Cement with 600 sxs (1049 cf)

TOC @ 6495 (Calc,75%)

Gallup Perforations:
6815' - 7392'
7324' - 7636'

CIBP set at 7900' with 5 sxs cmt (1987)

Dakota Perforations:
8113' - 8211'

4-1/2" Casing set @ 8348'
Cement with 300 sxs (562 cf)

Hurt Federal #1

Proposed P&A

West Lindrith Gallup

2900' FWL, 1650' FEL, Section 1, T-25-N, R-3-W

Rio Arriba County, NM API #30-39-24126

Today's Date: 3/10/03

Spud: 7/22/87

Completed: 8/26/87

Elevation: 7320' GL

12-1/4" hole

Casing patch
786' to 806'

Nacimiento @ 1705'

Ojo Alamo @ 3210'

Kirtland @ 3460'

Fruitland @ 3530'

Pictured Cliffs @ 3805'

Mesaverde @ 5500'

Gallup @ 6696'

Dakota @ 8003'

7-7/8" hole

TD 8350'

Squeeze cement circulated to surface

9-5/8" 36# Casing set @ 302'

Cement with 189 cf (Circulated to Surface)

Plug #6: 352' – Surface

Cement with 30 sxs

Casing leak at 834', squeezed with total 340
sxs cement, collar parted at 792' (1987)

TOC @ 1118' (Calc, 75%)

Plug #5: 1755' – 1655'

Cement with 12 sxs

Plug #4: 3855' – 3160'

Cement with 56 sxs

DV Tool @ 4037'

Cement with 510 sxs (887 cf)

TOC @ 3rd DV (Calc, 75%)

Plug #3: 5550' – 5450'

Cement with 12 sxs

DV Tool @ 6267'

Cement with 600 sxs (1049 cf)

TOC @ 6495 (Calc, 75%)

Gallup Perforations:

6815' - 7292'

7324' - 7636'

Plug #2: 6915' – 6646'

Cement with 30 sxs

Plug #1: 7686' – 7586'

Cement with 15 sxs

CIBP set at 7900' with 5 sxs cmt (1987)

Dakota Perforations:

8113' – 8211'

4-1/2" Casing set @ 8348'

Cement with 300 sxs (562 cf)

PLUG AND ABANDONMENT PROCEDURE

3/10/03

Hurt Federal #1

West Lindrith Gallup

2900' FNL and 1650' FEL, Section 1, T25N, R3W
Rio Arriba County, New Mexico, API 30-039-24126

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. 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 test rig anchors. Prepare blow pit. Comply with all NMOCD and BLM safety rules and regulations. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. Unseat pump to determine if rods are free. Re-seat pump and pressure test tubing to 1000#. POH and LD rods. TOH and tally the 2-3/8" tubing. Visually inspect tubing, if necessary use a workstring. **NOTE:** There is a 0.125" wall thickness Homco Casing Patch from 786' to 806'. Do not run casing scraper or gauge ring in this well.
3. **Plug #1 (Lower Gallup perforations, 7686' – 7586')**: TIH with open ended tubing to 7686' or as deep as possible. Pump 40 bbls water down tubing. Mix 15 sxs cement and spot a plug to isolate the lower Gallup perforations. PUH to 6915'.
4. **Plug #2 (Upper Gallup perforations and top, ⁶⁹¹⁵6195' – 6646')**: Mix 30 sxs cement and spot a plug to fill the upper Gallup perforations and cover the top. PUH to 4000' and WOC. TIH and tag cement, must be above 6646'. PUH to 5550'.
5. **Plug #3 (Mesaverde top, 5550' – 5450')**: Mix 12 sxs cement and spot a balanced plug inside the casing to cover the Mesaverde top. PUH to 3855'.
6. **Plug #4 (Pictured Cliffs, Fruitland, Kirtland, Ojo Alamo tops, 3855' – 3160')**: Mix 56 sxs cement and spot a balanced plug inside to cover through the Ojo Alamo top. PUH to 1755'.
7. **Plug #5 (Nacimiento top, ¹⁷²⁰⁻¹⁸²⁰1755' – 1655')**: Mix 12 sxs cement and spot a balanced plug inside casing to cover the Nacimiento top. PUH to 352'.
8. **Plug #6 (9-5/8" Casing shoe, 352' - Surface)**: Attempt to pressure test the bradenhead annulus to 300#. If it tests, then establish circulation out casing valve with water. Mix approximately 30 sxs cement and spot from 352' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement out the BH valve to surface.
9. ND BOP and cut off wellhead below surface. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

(Prepared by A-Plus Well Service Inc.)