State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

API # (assigned by OCD)
30-045-26232

1. **Type of Well**
GAS

5. **Lease Number**

6. **State Oil&Gas Lease #**
E-2942-2

2. **Name of Operator**
BURLINGTON RESOURCES **OIL & GAS COMPANY LP**

7. **Lease Name/Unit Name**
Huerfano Unit NP

8. **Well No.**
194E

3. **Address & Phone No. of Operator**
PO Box 4289, Farmington, NM 87499 (505) 326-9700

9. **Pool Name or Wildcat**
Gallegos Gallup

4. **Location of Well, Footage, Sec., T, R, M**
890'FSL, 1750'FWL, Sec.16, T-26-N, R-10-W, NMPM, San Juan County

10. **Elevation:**

Type of Submission	**Type of Action**	
_X_ Notice of Intent	_X_ Abandonment	___ Change of Plans
	___ Recompletion	___ New Construction
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	___ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	_X_ Other - Temporary abandonment	

13. Describe Proposed or Completed Operations

It is intended to temporarily abandon the subject well according to the attached procedure and wellbore diagram. If the wellbore does not pressure test, the well will be plugged and abandoned while the rig is on location.

SIGNATURE Nancy Oltmanns Senior Staff Specialist September 22, 2004

(This space for State Use)

Approved by _____ **Title** DEPUTY OIL & GAS INSPECTOR, DIST. #3 **Date** SEP 28 2004

Huerfano #194E -- Gallup
Temporary Abandonment/ Plug and Abandonment

1750' FWL & 890' FSL
SW, Section 16, T026N, R010W
Latitude: N36°29.478', Longitude: W107°54.324'
AIN: 5395102
9/16/2004

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. **Cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.**

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Burlington 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.

2. TOH and tally 195 joints 2-3/8" tubing. Inspect tubing and if necessary, LD and PU a workstring. Round-trip 4-1/2" gauge ring to 5702'.

3. **Plug #1 (Gallup perforations, 5702' - 5652'):** TIH and set 4-1/2" CR at 5702. Pressure test tubing to 1000#. Load the casing and circulate the well clean. Pressure test casing to 1000#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 10 sxs Type III cement (with a 14.5 ppg weight due to bottom hole temperature) and spot above the CR to isolate the Gallup perforations. TOH with tubing.

4. **Plug #2 (Gallup top, 5575' – 5475'):** Perforate 3 squeeze holes at 5575'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set a 4-1/2" cement retainer at 5525'. Establish rate into squeeze holes. Mix and pump 46 sxs Type III cement (with a 14.5 ppg weight due to bottom hole temperature), squeeze 35 sxs outside the casing and leave 11 sxs inside casing. PUH to 3660'.

5. **Plug #3 (Mesaverde top, 3660' – 3560'):** Mix 11 sxs Type III cement (14.8 ppg) and spot a balanced plug inside casing to cover through the Mesaverde top. If the casing leaks, then increase the cement an appropriate amount to insure a tag. TOH with tubing.

6. **Plug #4 (Chacra top, 2985' – 2885'):** Perforate 3 squeeze holes at 2985'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 4-1/2" cement retainer at 2935'. Establish rate into squeeze holes. Mix and pump 46 sxs Type III cement, squeeze 35 sxs outside the casing and leave 11 sxs inside casing. PUH to 2106'.

7. A)If casing has pressure tested up to this point, RU Cameron and pressure test casing to 500 psi for 30 minutes. Use 1000# max spring and 24 hr max chart. If well passes, ND BOP, NU wellhead, RDMO. Leave well TA'd. If casing does not test, continue with procedure.

B) If casing has not pressure tested up to this point, load hole and pressure test casing with A-Plus Well Services pump truck. If casing tests with A-Plus pump truck, RU Cameron and pressure test casing to 500 psi for 30 minutes. Use 1000# max spring and 24 hr max chart. If well passes, ND BOP, NU wellhead, RDMO. Leave well TA'd. If casing does not test, continue with procedure.

8. **Plug #5 (Pictured Cliffs and Fruitland tops, 2106' – 1785'):** Mix 25 sxs Type III cement and spot a balanced plug inside casing to cover through the PC and Fruitland tops. PUH to 1341'.

9. **Plug #6 (Kirtland and Ojo Alamo tops, 1341' – 1070'):** Mix 22 sxs Type III cement and spot a balanced plug inside casing to cover the Kirtland and Ojo Alamo tops. PUH to 282'.

10. **Plug #7 (8-5/8" Surface casing, 282' - Surface):** Pressure test bradenhead annulus to 300#. If it tests, then mix approximately 25 sxs Type III cement and spot a balanced plug inside casing from 282' to surface, circulate good cement out casing valve. TOH and LD tubing.

11. If the bradenhead annulus does not test, then perforate at the appropriate depth. Establish circulation to surface out the bradenhead valve. Then spot cement inside the casing from 288' to surface to cover the surface casing shoe at 232' and then circulate cement to the surface out the bradenhead valve, filling the BH annulus.

12. 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.

Recommended: _____ Operations Engineer

Approved: _____ Drilling Superintendent

Engineer Office - (599-4043)
Cell - (320-0321)

Sundry Required: YES

Approved: _____

Foreman:	Joel Lee	Cell: 320-2490	Office: 324-6109
Specialist:	Johnny Cole	Cell: 320-2521	Pager: 326-8349
Lease Op:	Joe Golding	Cell: 320-1595	Pager: 324-7824

Huerfano #194E

Proposed TA

AIN #5395102

Gallegos Gallup Ext.

SW, Section 16, T-26-N, R-10-W, San Juan County, NM

Long: N: 36^29.478 / Lat: 107^54.324, API #30-045-26232

Today's Date: **8/16/04**

Spud: 4/22/85
Completed: 5/20/85

Elevation: 6564' GL
6576' KB

Ojo Alamo @ 1120'

Kirtland @ 1291'

Fruitland @ 1835'

Pictured Cliffs @ 2056'

Chacra @ 2935'

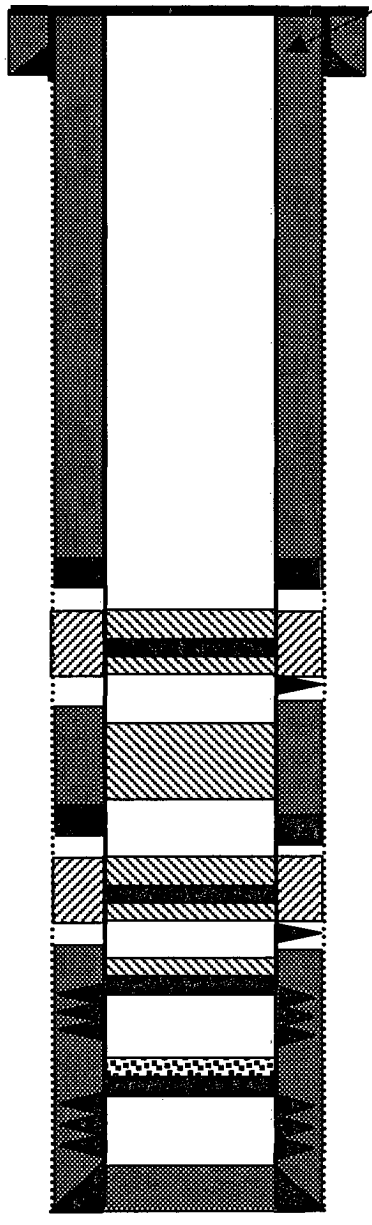
Mesaverde @ 3610'

Gallup @ 5525'

Dakota @ 6526'

12-1/2" hole

7-7/8" Hole



TOC @ Surface ('91 CBL)
8-5/8" 24# J-55 Casing set @ 232'
Cement with 200 cf (Circulated to Surface)

DV Tool @ 2406'
Cement with 689 sxs (1116 cf)

Cmt Retainer @ 2935'

Perforate @ 2985'

Plug #4: 2985' – 2885'
Type III Cement, 46 sxs,
35 outside and 11 inside.

TOC @ 3540' (CBL)

Plug #3: 3660' – 3560'
Type III Cement, 11 sxs

DV Tool @ 4903'
Cement with 370 sxs

Cmt Retainer @ 5525'

Perforate @ 5575'

Plug #2: 5575' – 5475'
Type III Cement, 46 sxs,
35 outside and 11 inside.

TOC @ 5670' (CBL)

Set CR @ 5702'

Plug #1: 5702' – 5652'
Type III Cement, 10 sxs

Gallup Perforations:
5752' – 5955'

Cap CIBP with 10 sxs cement (Aug 1991)

4-1/2' CIBP set at 6510' (Jan 1991)

Dakota Perforations:
6544' – 6609'

4-1/2" 10.5/11.6# J-55 Casing set @ 6691'
Cement with 253 sxs (346 cf)

TD 6700'
PBTD 6282'

Huerfano #194E

Proposed P&A

AIN #5395102

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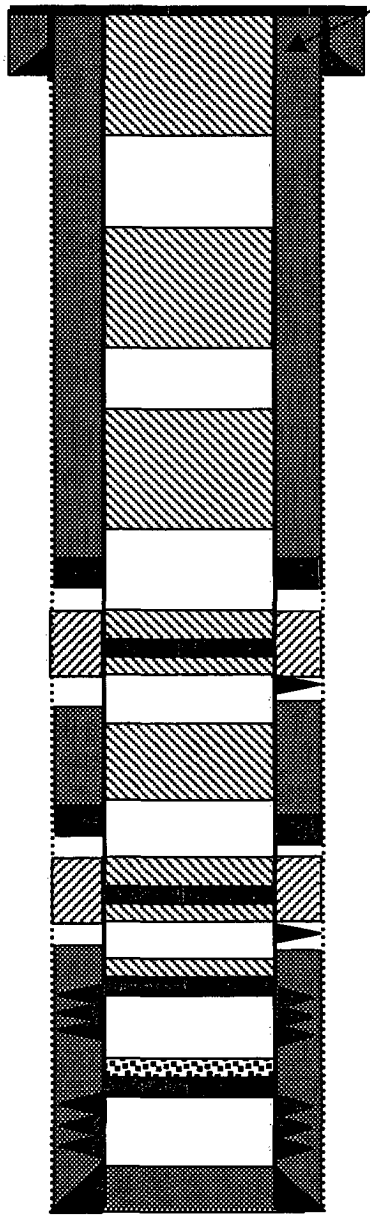
Dakota @ 6526'

12-1/2" hole

7-7/8" Hole



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PBTD 6282'

TOC @ Surface ('91 CBL)
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Cement with 200 cf (Circulated to Surface)

Plug #7: 282' – Surface
Type III Cement, 25 sxs

Plug #6: 1341' – 1070'
Type III Cement, 22 sxs

Plug #5: 2106' – 1785'
Type III Cement, 25 sxs

DV Tool @ 2406'
Cement with 689 sxs (1116 cf)

Cmt Retainer @ 2935'

Perforate @ 2985'

Plug #4: 2985' – 2885'
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