

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen		Other _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator BURLINGTON RESOURCES OIL & GAS		Contact: PEGGY COLE E-Mail: pbr@bfield@br-inc.com		3. Address 3401 EAST 30TH FARMINGTON, NM 87402		8. Lease Name and Well No. HARDIE E 1B	
3a. Phone No. (include area code) Ph: 505.326.6747 Fx: 505.326.9563		3. Address 3401 EAST 30TH FARMINGTON, NM 87402		7. API Well No. 30-045-30100		9. Field and Pool, or Exploratory OTERO CHA/BLANCO MV	
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface NENE 1145FNL 660FEL  At top prod interval reported below  At total depth		10. Sec., T., R., M., or Block and Survey or Area Sec 16 T28N R8W Mer NMP		11. County or Parish SAN JUAN		12. State NM	
14. Date Spudded 04/23/2001		15. Date T.D. Reached 04/28/2001		16. Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod. 05/18/2001		17. Elevations (DF, KB, RT, GL)* 6427 KB	
18. Total Depth: MD TVD 5487		19. Plug Back T.D.: MD TVD		20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL-CCL-GR		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)					

## 23. Casing and Liner Record (Report all strings set in well)

[illegible]

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 375	5247							



## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) CHACRA	3826	4415	3840 TO 4292		52	C
B)						
C)						
D)						



## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
3840 TO 4292	1098 BBL 20 LINEAR GEL, 200,000 20/40 BRADY SD

### 28. Production - Interval A

Date First Produced 05/18/2001	Test Date 05/18/2001	Hours Tested 1	Test Production 	Oil BBL 0.0	Gas MCF 502.0	Water BBL 0.0	Oil Gravity Corr. API	Gas Gravity	Production Method FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 457 SI	Csg. Press. 457.0	24 Hr. Rate 	Oil BBL	Gas MCF 502	Water BBL	Gas:Oil Ratio	Well Status GSI	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production 	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate 	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

(See Instructions and spaces for additional data on reverse side)

**ELECTRONIC SUBMISSION #4524 VERIFIED BY THE BLM WELL INFORMATION SYSTEM**

NON-RECEIVED BY THE DEPT. WERE IN ORIGINATING SYSTEM

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**NR440**

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## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
CAPTURED

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Mcas. Depth
				OJO ALAMO	1895
				KIRTLAND	1980
				FRUITLAND	2375
				PICTURED CLIFFS	2854
				LEWIS	3016
				HUERFANITO BENTONITE	3465
				CHACRA	3826
				CLIFF HOUSE	4415
				MENEFEE	4599
				POINT LOOKOUT	5084

## 32. Additional remarks (include plugging procedure):

Tubing and casing pressure is shut-in  
Casing top for the 4 1/2" liner is the top of cement for the liner

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #4524 Verified by the BLM Well Information System for BURLINGTON RESOURCES OIL & GAS.  
Sent to the Farmington. Committed to AFMSS for processing by Maurice Johnson on 05/30/2001 ()**

Name (please print) PEGGY COLETitle REPORT AUTHORIZERSignature \_\_\_\_\_ Date 05/24/2001

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

## Revisions to Operator-Submitted EC Data for Well Completion #4524

	Operator Submitted	BLM Revised (AFMSS)
Lease:	SF-078499A	NMSF078499A
Agreement:		<del>NMSF078499A</del>
Operator:	BURLINGTON RESOURCES OIL & GAS 3401 EAST 30TH FARMINGTON, NM 87402 Ph: 505.326.9727	BURLINGTON RESOURCES O&G CO LP P. O. BOX 4289 FARMINGTON, NM 87499 Ph: 505.326.9727
Contact:	PEGGY COLE REPORT AUTHORIZER E-Mail: pbradfield@br-inc.com	PEGGY COLE REPORT AUTHORIZER E-Mail: pbradfield@br-inc.com
Well Name: Number:	HARDIE E 1B	HARDIE E 1B
Location: State: County: S/T/R: Surf Loc:	NM SAN JUAN Sec 16 T28N R8W Mer NMP NENE 1145FNL 660FEL	NM SAN JUAN Sec 16 T28N R8W Mer NMP NENE 1145FNL 660FEL
Field/Pool:	OTERO CHA/BLANCO MV	OTERO
Logs Run:	CBL-CCL-GR	CBL-CCL-GR CBL-CCL-GR
Producing Intervals - Formations:	CHACRA	MESAVERDE CHACRA
Porous Zones:		NACIMIENTO OJO ALAMO
Markers:	OJO ALAMO KIRTLAND FRUITLAND PICTURED CLIFFS LEWIS HUERFANITO BENTONITE CHACRA CLIFF HOUSE MENELEE POINT LOOKOUT	OJO ALAMO KIRTLAND FRUITLAND PICTURED CLIFFS MESAVERDE CHACRA EQUIVALENT CHACRA CLIFF HOUSE MENELEE POINT LOOKOUT