

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
SF-078499A

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Revr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
BURLINGTON RESOURCES OIL & GAS

Contact: PEGGY COLE
E-Mail: pbradfield@br-inc.com

8. Lease Name and Well No.
HARDIE E 1B

3. Address 3401 EAST 30TH
FARMINGTON, NM 87402

3a. Phone No. (include area code)
Ph: 505.326.9727 Fax: 505.326.9563

9. API Well No.
30-045-30100

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. Field and Pool, or Exploratory
OTERO CHA/BLANCO MV

11. Sec., T., R., M., or Block and Survey
or Arca Sec 16 T28N R8W Mer NMP

12. County or Parish
SAN JUAN

13. State
NM

14. Date Spudded
04/23/2001

15. Date T.D. Reached
04/28/2001

16. Date Completed
☐ D & A ☐ 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? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit analysis)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Casing Top*	Amount Pulled
12.250	9.625 WC-50	32.000		583		440		0	
8.750	7.000 J-55	20.000		3242		490		0	
6.250	4.500 J-55	11.000	3114	5486		230		3160	

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

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	4415	5487	4419 TO 5462		114	O
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4860 TO 5462	2429 BBL SLK WTR, 100,000 20/40 BRADY SD
4419 TO 4798	2447 BBL SLK WTR, 100,000 20/40 BRADY SD

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
05/18/2001	05/18/2001	1	→	0.0	790.0	0.0			FLOWES FROM WELL
Choke Size	Tbg. Press. Flwg. 457 SI	Csg. Press. 457.0	24 Hr. Rate →	Oil BBL	Gas MCF	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 #4514 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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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 #4514 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 AUTHORIZER

Signature _____

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.

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