

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P. O. Box 2089
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO. 30-045-34342
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. E-1199
7. Lease Name or Unit Agreement Name RCVD FEB 1 '08 OIL CONS. DIV. DIST. 3 Huerfanito Unit
8. Well No. 78N
9. Pool name or Wildcat Blanco MV/Basin

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL. OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____	7. Lease Name or Unit Agreement Name RCVD FEB 1 '08 OIL CONS. DIV. DIST. 3 Huerfanito Unit				
b. TYPE OF COMPLETION: NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ BACK ☐ DIFF ☐ RESVR ☐ OTHER _____					
2. Name of Operator Burlington Resources					
3. Address of Operator PO BOX 4289, Farmington, NM 87499					
4. Well Location Unit Letter H 1600 Feet From The North Line and 885 Feet From The East Line Section 36 Township 27N Range 9W NMPM San Juan County					
10. Date Spudded 8/10/07	11. Date T.D. Reached 8/18/07	12. Date Compl. (Ready to Prod.) 1/23/08	13. Elevations (DF&RKB, RT, GR, etc.) 6149' GL	14. Elev. Casinghead	
15. Total Depth 6770'	16. Plug Back T.D. 6702'	17. If Multiple Compl. How Many Zones? 2	18. Intervals Drilled By	Rotary Tools X	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name Blanco Mesaverde 3917' - 4600'			20. Was Directional Survey Made No		
21. Type Electric and Other Logs Run GR/CCL/CBL			22. Was Well Cored No		

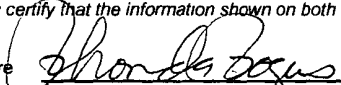
23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24# J-55	334'	12 1/4"	surface 250 sx (298 cf)	16.5 BBL
4 1/2"	11.6#, J-55/L-80	6769'	7 7/8"	TOC surface 1024 sx (2374 cf)	50 BBLS

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" 4.7# J-55	6605'	

26. Perforation record (interval, size, and number) PLO @ 1 spf 4266' - 4600' = 31 holes MF @ 1 SPF 3917' - 4234' = 30 holes total holes = 61	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 4266' - 4600' 3917' - 4234' AMOUNT AND KIND MATERIAL USED Frac w/12,560 gals slickwaterfoam. Pump 100,000# 20/40 Brady Sand Frac w/12,060 gals slickwaterfoam. Pump 100,000# 20/40 Brady Sand
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28. PRODUCTION							
Date First Production SI		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) SI	
Date of Test 1/21/08	Hours Tested 1	Choke Size 1/2"	Prod'n for Test Period .38 boph	Oil - Bbl. 17 mcf	Gas - MCF 1 bwph	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press. NA	Casing Pressure SI - 490#	Calculated 24-Hour Rate 9 bopd	Oil - Bbl 414 mcfd	Gas - MCF 24 bwph	Water - Bbl	Oil Gravity - API - (Corr.)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) To be sold						Test Witnessed By	

30. List Attachments This is a MV/DK well being DHC per order #2700AZ.
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31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief			
Signature 	Printed Name Rhonda Rogers	Title Regulatory Technician	Date 1/30/2008

Well Name		Huerfanito 78N			
Ojo Alamo	1307'	1407'	White, cr-gr ss.	Ojo Alamo	1307'
Kirtland	1407'	1566'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1407'
Fruitland	1566'	2013'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	1566'
Pictured Cliffs	2013'	2202'	Bn-Gry, fine grn, tight ss.	Pic. Cliffs	2013'
Lewis	2202'	2517'	Shale w/siltstone stringers	Lewis	2202'
Huerfanito Bentonite	2517'	2902'	White, waxy chalky bentonite	Huerfanito Bent.	2517'
Chacra	2902'	3363'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	2902'
Mesa Verde	3363'	3695'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3363'
Menefee	3695'	4302'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3695'
Point Lookout	4302'	4627'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	4302'
Mancos	4627'	5462'	Dark gry carb sh.	Mancos	4627'
Gallup	5462'	6279'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. Interbeb sh	Gallup	5462'
Greenhorn	6279'	6331'	Highly calc gry sh w/thin lmst.	Greenhorn	6279'
Graneros	6331'	6368'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	6331'
Dakota	6368'	6649'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shall breaks	Dakota	6368'
Morrison	6649'		Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	6649'

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5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

E-1199

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a TYPE OF WELL

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b TYPE OF COMPLETION:

NEW ☐ WORK ☐ PLUG ☐ DIFF ☐
WELL ☒ OVER ☐ DEEPEN ☐ BACK ☐ RESVR ☐ OTHER ☐

2. Name of Operator

Burlington Resources

3. Address of Operator

PO BOX 4289, Farmington, NM 87499

8. Well No.

78N

9. Pool name or Wildcat

Blanco MV/Basin DK

4. Well Location

Unit Letter H 1600 Feet From The North Line and 885 Feet From The East LineSection 36 Township 27N Range 9W NMPM San Juan County

10. Date Spudded

8/10/07

11. Date T.D. Reached

8/18/07

12. Date Compl. (Ready to Prod.)

1/23/08

13. Elevations (DF&RKB, RT, GR, etc.)

6149' GL

14. Elev. Casinghead

15. Total Depth

6770'

16. Plug Back T.D.

6702'

17. If Multiple Compl. How
Many Zones?

2

18. Intervals
Drilled By

Rotary Tools

X

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

Basin Dakota 6370' - 6673'

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

GR/CCL/CBL

22. Was Well Cored

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24# J-55	334'	12 1/4"	surface 250 sx (298 cf)	16.5 BBL
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24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" 4.7# J-55	6605'	

25. TUBING RECORD

26. Perforation record (interval, size, and number)

@ 2 spf

6517' - 6673' = 66 holes

@ 1 SPF

6370' - 6483' = 25 holes

total holes = 91

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6370' - 6673'	Acid w/ 10 bbls 15% HCL. Frac w/276 bbls 85Q slickfoam pump 25,000# 20/40 Brady Sand. N2 = 1,372,800 SFC

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
SI		Flowing				SI	
Date of Test	Hours Tested	Choke Size	Prod'n for	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
1/23/08	1	1/2"	Test Period	.88 boph	24 mcf	1/2 bwph	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr)	
NA	FL - 120#		21 bopd	570 mcf	12 bwph		

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

To be sold

Test Witnessed By

30. List Attachments

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31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Rhonda Rogers Pnnted Name Rhonda Rogers Title Regulatory Technician Date 1/30/2008

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Dakota	6368'	6649'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shall breaks	Dakota	6368'
Morrison	6649'		Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	6649'