

RECEIVED

Form 3160-4
(October 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Farmington Field Office

MAY 2 2 2003

FOR APPROVED
OMB NO. 1004-0137

Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF RESVR ☐ Other ☐

2. NAME OF OPERATOR

BURLINGTON RESOURCES OIL & GAS COMPANY, LP

3. ADDRESS AND TELEPHONE NO.

PO BOX 4289, Farmington, NM 87499 (505) 326-9700

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface **Unit H (SENE) 2480' FNL & 660' FEL**

At top prod. interval reported below **Same as above**

At total depth **Same as above**

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

SF-078135

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Huerfano Unit

8. FARM OR LEASE NAME, WELL NO.

Huerfano Unit 90M

9. API WELL NO.

30-045-34254

10. FIELD AND POOL, OR WILDCAT

Blanco MV/Basin DK

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 1, T26N, R9W, NMPM

RCVD MAY 27 '08

OIL CONS. DIV.

DIST. 3

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

15. DATE SPUNDED
10/8/07

16. DATE T.D. REACHED
11/18/07

17. DATE COMPL. (Ready to prod.)
5/2/08

18. ELEVATIONS (DF, RKB, RT, BR, ETC.)
GL 6130' KB 6142'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
6751' 6615'

21. PLUG BACK T.D., MD & TVD
6590'

22. IF MULTIPLE COMPL., HOW MANY*
2

23. INTERVALS DRILLED BY
yes

24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*

Basin Dakota 6296' - 6562'

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
GR/CCL/CBL

27. WAS WELL CORED
No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8", J-55	24#	333'	12 1/4"	surface; 270 sx (322 cf)	17 bbls
4 1/2", L-80	11.6#	6603'	7 7/8"	TOC surf; 1000 sx (2218 cf)	50 bbls

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8", 4.7#, J-55	6450'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

.34" @ 2 SPF
6296' - 6562' = 38 holes
.34" @ 1 SPF
6296' - 6406' = 20 holes
Total DK holes = 58

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

6296' - 6562'
acidize w/10 bbls 15% HCL. Frac w/29,904 gals
slidewater N2 foam, w/25,000# 20/40 Brady Sand
N2 = 4,599,800 SCF

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
SI W/O Facilities		Flowing					SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO	
5/1/08	1	1/2"	→	.25 boph	37 mcfh	1.75 bwph		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)		
SI - 594#	SI - 429#	→	6 bopd	896 mcfd	42 bwpd			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold. W/O facilities to be set before first production.

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

This is a MV/DK well being DHC per order #2699AZ.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Charles Rogers TITLE **Regulatory Technician**

DATE **5/22/08** **APPROVED FOR RECORD**

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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.

NMOCD

FARMINGTON FIELD OFFICE
MAY 23 2008

Well Name		Huerfanito Unit 90M			
Ojo Alamo	1133'	1293'	White, cr-gr ss.	Ojo Alamo	1133'
Kirtland	1293'	1628'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1293'
Fruitland	1628'	1942'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	1628'
Pictured Cliffs	1942'	2030'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	1942'
Lewis	2030'	2379'	Shale w/siltstone stringers	Lewis	2030'
Huerfanito Bentonite	2379'	2790'	White, waxy chalky bentonite	Huerfanito Bent.	2379'
Chacra	2790'	3320'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	2790'
Mesa Verde	3320'	3550'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3320'
Menefee	3550'	4200'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3550'
Point Lookout	4200'	4516'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	4200'
Mancos	4516'	5320'	Dark gry carb sh.	Mancos	4516'
Gallup	5320'	6200'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. Interbeb sh	Gallup	5320'
Greenhorn	6200'	6252'	Highly calc gry sh w/thin lmst.	Greenhorn	6200'
Graneros	6252'	6292'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	6252'
Dakota	6292'		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shall breaks	Dakota	6292'

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18. ELEVATIONS (DF, RKB, RT, BR, ETC.)*
GL 6130' KB 6142'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
6254' 6615'

21. PLUG, BACK T.D., MD & TVD
6590'

22. IF MULTIPLE COMPL., HOW MANY*
2

23. INTERVALS DRILLED BY
yes

24. ROTARY TOOLS

25. CABLE TOOLS

24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*

Blanco Mesaverde 3754' - 4320'

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL/CBL

27. WAS WELL CORED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
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					2-3/8", 4.7#, J-55	6450'	

31. PERFORATION RECORD (Interval, size and number)

**PLO/LMF .34" @ 1 SPF
3754' - 4320' = 30 holes**

total holes = 30

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

3754' - 4320'
acidize w/10 bbls 15% HCL. Frac w/56,112 gals
slickwater N2 foam, w/130,000# 20/40 Brady Sand
N2 = 1,181,244 SCF

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
SI W/O Facilities		Flowing					SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO	
5/2/08	1	1/2"	→	0	.21 mcfh	0		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)		
SI - 594#	SI - 429#	→	0	5 mcfh	0			

34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc)

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Graneros	6252'	6292'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	6252'
Dakota	6292'		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shall breaks	Dakota	6292'