

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

July 30, 1996

Burlington Resources Oil & Gas Company
P.O. Box 4289
Farmington, New Mexico 87499-4289
Attention: Peggy Bradfield

Administrative Order NSL-3695

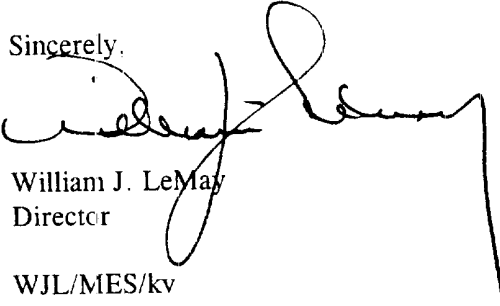
Dear Ms. Bradfield:

Reference is made to your application dated July 23, 1996 for a non-standard Basin-Fruitland coal gas well location for your existing Huerfanito Unit Well No. 98-M (API No. 30-045-28946), which was drilled in 1993 and dually completed under the authority of Division Order No. R-9887, dated April 27, 1993, in both the Blanco-Mesaverde and Basin-Dakota Pools at a standard gas well location for both intervals 790 feet from the South line and 1500 feet from the East line (Unit O) of Section 35, Township 27 North, Range 9 West, NMPM, San Juan County, New Mexico.

It is our understanding that both the Mesaverde and Dakota intervals will be plugged back and abandoned and said well will be recompleted up-hole as a single Basin-Fruitland Coal (Gas) Pool well, which pursuant to the "*Special Rules and Regulations for the Basin-Fruitland Coal (Gas) Pool*", as promulgated by Division Order No. R-8768, as amended, is unorthodox. Further, the E/2 of said Section 35 shall be dedicated to the well to form a standard 320-acre gas spacing and proration unit for said pool.

By the authority granted me under the provisions of Rule 8 of said Order No. R-8768, as amended, the above-described unorthodox coal gas well location is hereby approved.

Sincerely,



William J. LeMay
Director

WJL/MES/kv

cc: Oil Conservation Division - Aztec ✓
U. S. Bureau of Land management - Farmington

✓

MERIDIAN OIL

July 23, 1996

Federal Express

RECEIVED
JUL 24 1996
OIL CON. DIV.
DIST. 3

Mr. Michael Stogner
New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Re: Huerfanito Unit #98M
790'FSL, 1500'FEL, Section 35, T-27-N, R-9-W, San Juan County, NM
API #30-045-28946

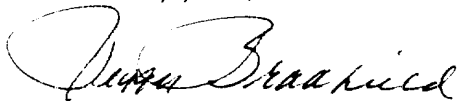
Dear Mr. Stogner:

This is a request for administrative approval for a non-standard gas well location in the Basin Fruitland Coal pool.

Burlington Resources Oil & Gas Company is planning to recomplete the Huerfanito Unit #98M in the Basin Fruitland Coal pool and plugging the Mesa Verde and Dakota formations by squeeze cementing. This location is considered to be off-pattern for the Fruitland Coal. To comply with the New Mexico Oil Conservation Division rules, Burlington is submitting the following for your approval of this non-standard location:

1. C-102 plat showing location of the well;
2. Plat showing offset owners/operators - Burlington is the offset operator
3. Copy of Well Completion Log for original completion.

Sincerely yours,



Peggy Bradfield
Regulatory/Compliance Administrator

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 N. Brans Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-28946		1 Pool Code 71623		1 Pool Name Basin Fruitland Coal					
1 Property Code 7138		1 Property Name Huerfanito Unit						1 Well Number 98M	
1 OGRID No. 14538		1 Operator Name MERIDIAN OIL INC.						1 Elevation 6292'	
10 Surface Location									
UL or lot no. O	Section 35	Township 27 N	Range 9 W	Lot Ids	Feet from the 790	North/South line South	Feet from the 1500	East/West line East	County S.J.
11 Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres E/320									
13 Joint or Infill									
14 Consolidation Code									
15 Order No.									

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16

Not resurveyed, prepared
from a plat dated 2-3-93
by Neale C. Edwards.

DECEMBER 1994
JUL 24 1994
OIL CON. DIV.
DIST. 8

35

1500'

790'

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is
true and complete to the best of my knowledge and belief

Signature
Peggy Bradfield

Printed Name
Regulatory Administrator

Title
7-8-96

Date

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat
was plotted from field notes of actual surveys made by me
or under my supervision, and that the same is true and
correct to the best of my belief.

7-1-96

Date of Survey

Signature and Seal of Professional Surveyor

NEALE C. EDWARDS
NEW MEXICO
0857
6857

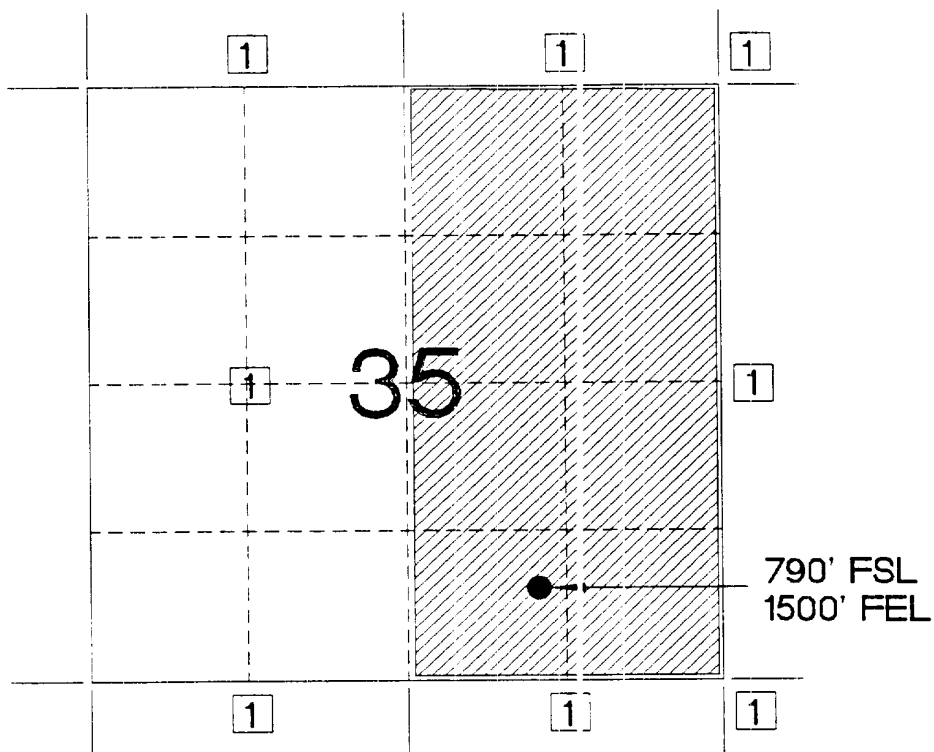
Certification Num

BURLINGTON RESOURCES OIL AND GAS COMPANY

**HUERFANITO UNIT #98M
OFFSET OPERATOR \ OWNER: PLAT**

Fruitland Coal Well

Township 27 North, Range 9 West



1) **Burlington Resources Oil and Gas Company Successor to Meridian Oil Inc.**

(October 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(If other than
this form, or
never)

OMB NO. 1004-0137
Expires: December 31, 1991

1. CASE DESIGNATION AND SERIAL NO.

SF-078135

2. IF INDIAN, ALLOTTEE OR TRIBE NAME

3. UNIT AGREEMENT NAME

Huerfano Unit

4. FARM OR LEASE NAME, WELL NO.

Huerfano Unit 98M

5. WELL NO.

30-045-28946

10. FIELD AND POOL OR WILDCAT

Blanco MV/Basin Dk

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

Sec 35, T-27-N, R-9-W

NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

NM

19. ELEV. CASINGHEAD

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

27. WAS WELL CORED

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

2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. CENVR. ☐ Other

3. NAME OF OPERATOR

Meridian Oil Inc.

4. ADDRESS AND TELEPHONE NO.

PO Box 4289, Farmington, NM 87499

5. LOCATION OF WELL (Report location clearly and in accordance with BLM Form 1000-101)

At surface 790' FSL, 1500' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DIS 13

15. DATE SPUDDED

05-12-93

16. DATE T.D. REACHED

05-23-93

17. DATE COMPL. (Ready to prod.)

08-05-93

18. ELEVATION (OF RKB, RT, OR, ETC.)

6292' G

20. TOTAL DEPTH, MD & TVD

6768'

21. PLUG BACK Y.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY?

2 - but MV squeezed off

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

Dakota 6475-6722'

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL, ML, LDT/CNL, NGT

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"	24.0#	230'	12 1/4"	248 cu.ft.	
4 1/2"	11.6#	6768'	7 7/8"	1854 cu.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	6591'	

31. PERFORATION RECORD (Interval, size and number)

6475-6681' w/1 spf 0.28" holes 28 holes
6718-6722' w/4 spf 0.28" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6475-6722'	100,000# sand; 28,482 gal. flu
4665-95'	squeeze w/150 sx
4396-4612'	squeeze w/114 sx
4451-4612'	squeeze w/175 sx
4433'	squeeze w/100 sx

33. PRODUCTION

DATE FIRST PRODUCTION

08-05-93

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

flowing, capable of commercial hydrocarbon prod.

WELL STATUS (Producing or shut-in)

shut in

DATE OF TEST

01-14-94

HOURS TESTED

3 hrs

CHOKER SIZE

3/4"

PROD'N. FOR TEST PERIOD

→

OIL—BBL.

→

GAS—MCF

955

WATER—BBL.

→

GAS-OIL RATIO

→

FLOW, TUBING PRESS.

305

CASING PRESSURE

920

CALCULATED 24-HOUR RATE

→

OIL—BBL.

→

GAS—MCF.

1294

WATER—BBL.

→

OIL GRAVITY-API (CORR.)

→

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

to be sold

35. LIST OF ATTACHMENTS

none

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

SIGNED

[Signature]

TITLE

Regulatory Representative

DATE

01-31-94

*(See Instructions and Spaces for Additional Data on Reverse Side) FEB 04 1994

Title 18 U.S.C. Section 1001. makes it a crime for any person knowingly and willfully to make to any department or office of the United States any false, fictitious or fraudulent statements or representations as to any matter within the jurisdiction of such department or office.

OPERATOR

BY

[Signature]

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FOR APPROVED
OMB NO. 1004-0137
Expires December 31, 1991

RECEIVED
BLM

LEASE DESIGNATION AND SERIAL NO.

SF-078135

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

Huerfanito Unit

FARM OR LEASE NAME, WELL NO.

Huerfanito Unit 98M

API WELL NO.

30-045-28946

FIELD AND POOL OR WILDCAT

Blanco MV/Basin Dk

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

Sec 35, T-27-N, R-9-W

NMPM

COUNTY OR PARISH

San Juan

STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REMOV. ☐ Other ☐

3. NAME OF OPERATOR

Meridian Oil Inc.

4. ADDRESS AND TELEPHONE NO.

PO Box 4289, Farmington, NM 87499

5. LOCATION OF WELL (Report location clearly and in accordance with State requirements)

At surface 790' FSL, 1500' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPECED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (OF. RER. ST. OR, ETC.) 19. ELEV. CASINGHEAD

05-12-93

05-23-93

08-05-93

6292' GL

20. TOTAL DEPTH, MD & TVD 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY? 23. INTERVALS SKIPPED BY

6768'

2 - but MV squeezed off

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 25. WAS DIRECTIONAL SURVEY MADE

Blanco Mesa Verde 4080-4695'

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL, ML, LDT/CNL, NGT

27. WAS WELL CORED

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"	24.0#	230'	12 1/4"	248 c.ft.	
4 1/2"	11.6#	6768'	7 7/8"	1854 c.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	6591'	

31. PERFORATION RECORD (Interval, size and number)

4080-4695' w/1 spf 0.28" holes 41 holes

OPEN

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4080-4695' + 15' S	165,000# sand; 163,128 gal. fluid
4665-95'	squeeze w/150 sx
4396-4612'	squeeze w/114 sx
4451-4612'	squeeze w/175 sx

33. PRODUCTION

DATE FIRST PRODUCTION 08-05-93 PRODUCTION METHOD (Flowing, gas lift, pumpjack—also and type of pump) flowing, capable of commercial hydrocarbon prod. WELL STATUS (Producing or shut-in) shut in

DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF	WATER—BSL.	GAS-OIL RATIO
01-14-94	3 hrs	3/4"			955		

FLOW, TUBING PIG.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)
305	920			1294		

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

to be sold

TEST WITNESSED BY

K. Culbertson

35. LIST OF ATTACHMENTS

none

ACCEPTED FOR RECORD

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

Regulatory Representative

FEB 04 1994

SIGNED

TITLE

(See Instructions and Spaces for Additional Data on Reverse Side) FARMINGTON DISTRICT OFFICE