



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

March 10, 1998

RECEIVED
MAR 13 1998

OIL CON. DIV.
DIST. 3

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

Administrative Order NSL-3965

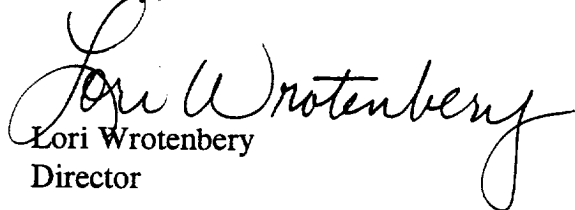
Dear Ms. Bradfield:

Reference is made to your application dated February 16, 1997 for an off-pattern non-standard Basin-Fruitland coal gas well location for your existing Huerfano Unit Well No. 103 (API No. 30-045-06081), located 990 feet from the North line and 1650 feet from the West line (Lot 3/Unit C) of Section 3, Township 26 North, Range 10 West, NMPM, San Juan County, New Mexico, which was drilled in 1958 and dually completed (see Division Order No. R-1366, dated April 13, 1959) in the Angels Peak-Gallup Associated and Basin-Dakota Pools.

It is our understanding that both the Gallup and Dakota intervals are to be abandoned and said well will be plugged back and recompleted up-hole to the Basin-Fruitland Coal (Gas) Pool. This location, 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 considered to be unorthodox. Further, Lots 3 and 4, the S/2 NW/4, and the SW/4 (W/2 equivalent) of said Section 3 is to be dedicated to said well in order to form a standard 319.25-acre gas spacing and proration unit for said pool.

By the authority granted me under the provisions of Rule 8 of said special pool rules, the above-described unorthodox coal gas well location for the Huerfano Unit Well No. 103 is hereby approved.

Sincerely,


Lori Wrotenbery
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Aztec
U. S. Bureau of Land Management - Farmington

BURLINGTON RESOURCES

SAN JUAN DIVISION

February 16, 1998

Federal Express

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

RECEIVED
FEB 18 1998

OIL CON. DIV.
DIST. 3

Re: Huerfano Unit #103
990'FNL, 1650'FWL, Section 3, T-26-N, R-10-W, San Juan County, NM
API #30-045-06081

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 intends to recompleate the Huerfano Unit #103 in the Basin Fruitland Coal pool. The Gallup and Dakota formations will be plugged and abandoned. This location is considered off-pattern for 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;
3. Copy of Well Completion Log for original completion;
4. Affidavit of notification of offset owners/operators.

Three copies of this application are being submitted to all offset owners/operators by certified mail with a request that they furnish your Santa Fe office with a copy of Waiver of Objection, return one copy to this office, and retain one copy for their files.

Sincerely yours,



Peggy Bradfield
Regulatory/Compliance Administrator

WAIVER

_____ hereby waives objection to Burlington Resource's application for non-standard location for the Huerfano Unit #103 as proposed above.

By: _____ Date: _____

xc: Dugan Production
Little Oil & Gas Inc.

RECEIVED
MAY 19 1964

U.S. DEPARTMENT OF
HEALTH, EDUCATION & WELFARE

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer 00, Artesia, NM 88211-0719

District III
1000 Rio Brazos 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

'API Number 30-045	'Pool Code 71599,71629,2170	'Pool Name Basin Fruitland Co Basin Dakota, Angels Peak Gallup
'Property Code 7138	'Property Name HUERFANO UNIT	'Well Number 103
'OGRID No. 14538	'Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	'Elevation 6725'

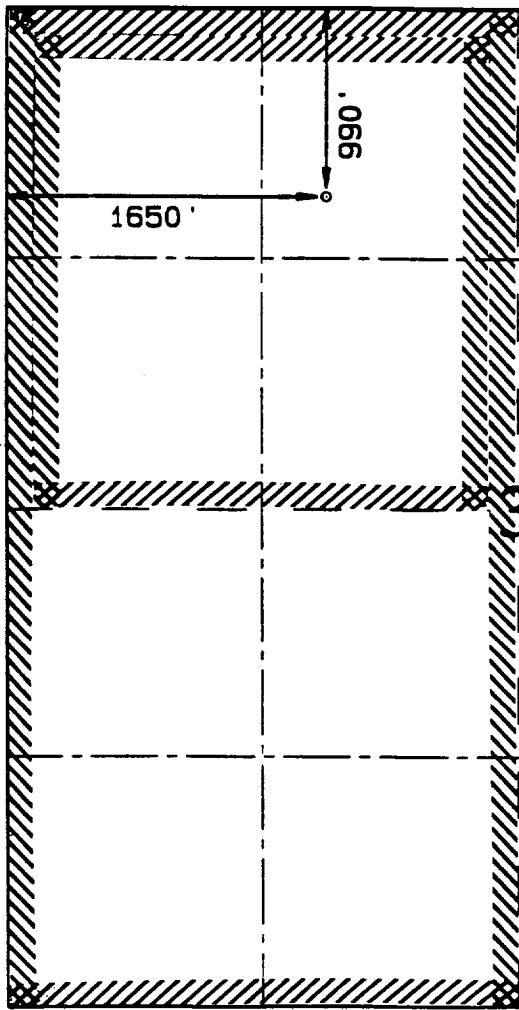
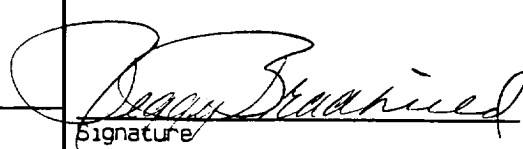
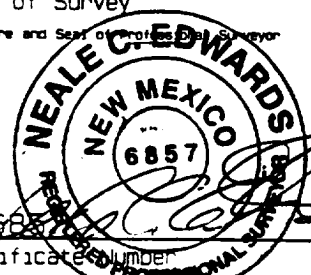
¹⁰ Surface Location

UL or lot no. C	Section 3	Township 26N	Range 10W	Lot Idn	Feet from the 990	North/South line North	Feet from the 1650	East/West line West	County SAN JUAN
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
'Dedicated Acres GAL-160 FTC-W/319.25 DK-W/319.25		'Joint or Infill W/319.25		'Consolidation Code		'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

	*NOT RESURVEYED, PREPARED FROM A PLAT DATED OCTOBER 21, 1958 BY DAVID O. VILVEN.	<p>¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p> Signature Peggy Bradfield Printed Name Regulatory Administrator Title Date</p>
		<p>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.</p> <p>DECEMBER 17, 1997 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number</p>

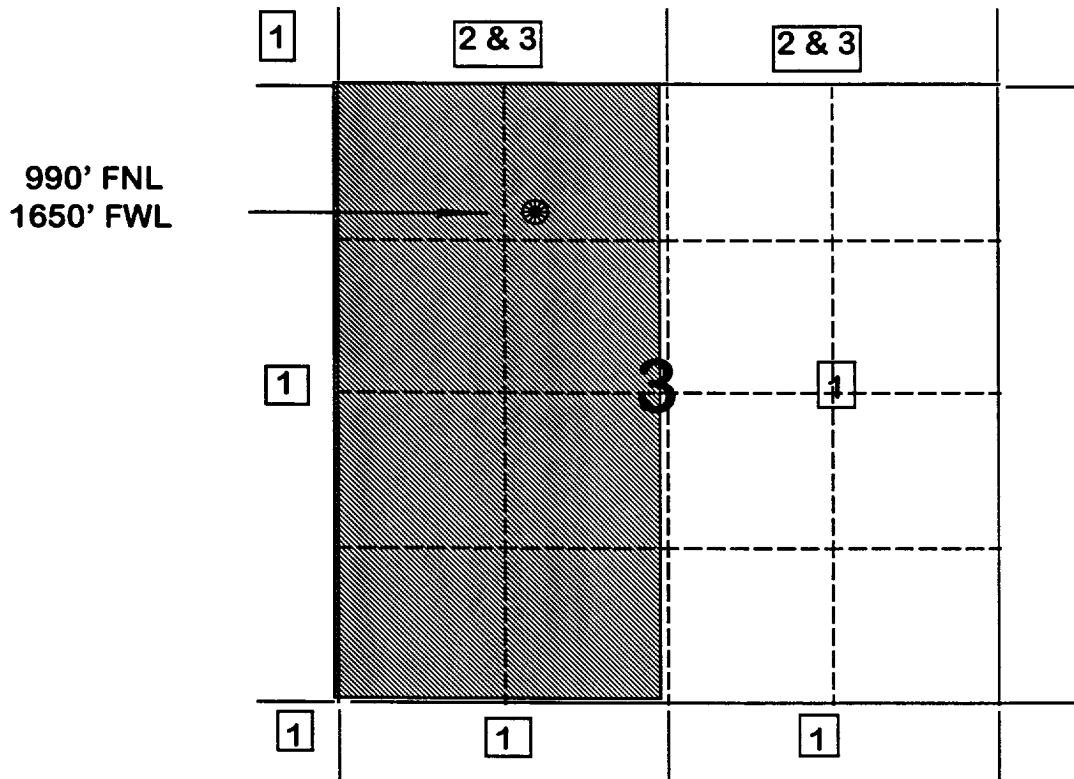
BURLINGTON RESOURCES OIL AND GAS COMPANY

Huerfano Unit #103

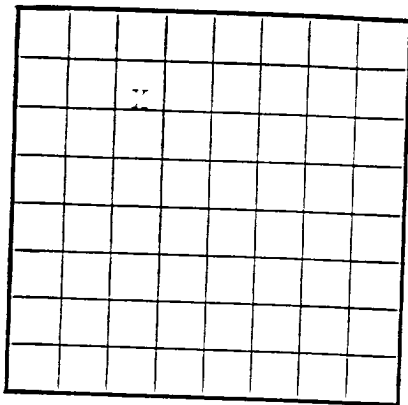
**OFFSET OPERATOR \ OWNER PLAT
Non Standard Location**

Basin Fruitland Coal Formation Well

Township 26 North, Range 10 West



- 1) Burlington Resources
- 2) Dugan Production Corp.
P.O. Box 420
Farmington, NM 87499
- 3) Little Oil & Gas, Inc.
P.O. Box 1258
Farmington, NM 87499



LOCATE WELL CORRECTLY

 U. S. LAND OFFICE _____
 SERIAL NUMBER _____
 LEASE OR PERMIT TO PROSPECT _____

 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

 Company El Paso Natural Gas Company Address Box 200, Farmington, New Mexico
 Lessor or Tract Libertine Unit Field Arco's Pool-Griff State New Mexico
 Well No. 222(2N) Sec. 1 T. 28 R. 10N Meridian 10N, 2W County San Juan
 Location 322 ft. N of Line and 1150 ft. E of Line of Section 3 Elevation 6025'
 (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed J. J. TellersonDate February 22, 1950Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.

 Commenced drilling 10-21-, 1949 Finished drilling 11-22-, 1950

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

 No. 1, from 2332 to 2417 (G) No. 4, from 2332 to 2417 (G)
 No. 2, from 3263 to 3325 (G) No. 5, from 3331 to 3331 (G)
 No. 3, from 3326 to 3331 (G) No. 6, from 3331 to 3331 (G)

IMPORTANT WATER SANDS

 No. 1, from 3331 to 3331 (G) No. 3, from 3331 to 3331 (G)
 No. 2, from 3331 to 3331 (G) No. 4, from 3331 to 3331 (G)

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
2 7/8"	26.75	P.D.	S.W.	250'	None				Surface
2 1/2"	24.50	P.D.	S.W.	250'	None				Surface
2 1/4"	22.50	P.D.	S.W.	250'	None				Surface
2 1/8"	20.50	P.D.	S.W.	250'	None				Surface
2 1/16"	18.50	P.D.	S.W.	250'	None				Surface
1 7/8"	16.50	P.D.	S.W.	250'	None				Surface
1 7/16"	14.50	P.D.	S.W.	250'	None				Surface
1 1/2"	12.50	P.D.	S.W.	250'	None				Surface
1 1/4"	10.50	P.D.	S.W.	250'	None				Surface
1 1/8"	8.50	P.D.	S.W.	250'	None				Surface
1 1/16"	6.50	P.D.	S.W.	250'	None				Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
2 7/8"	360'	100	Standard		
2 1/2"	360'	100	Standard		
2 1/4"	360'	100	Standard		
2 1/8"	360'	100	Standard		
2 1/16"	360'	100	Standard		
1 7/8"	360'	100	Standard		
1 7/16"	360'	100	Standard		
1 1/2"	360'	100	Standard		
1 1/4"	360'	100	Standard		
1 1/8"	360'	100	Standard		
1 1/16"	360'	100	Standard		

PLUGS AND ADAPTERS

 Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Feet to target	Feet to base	Feet to top
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1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1000	1000

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

December 3, 1920 Put to producing _____, 19____
 The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____%
 emulsion; _____% water; and _____% sediment.

If gas well, cu. ft. per 24 hours _____ Gravity, °Bé. _____
 Rock pressure, lbs. per sq. in. _____ Gallons gasoline per 1,000 cu. ft. of gas _____

EMPLOYEES

_____, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1000	1000	1000	Man to cry or-grn ss interbedded w/cry sh.
1000	1000	1000	Cjo Alamo ss. White or-grn s.
1000	1000	1000	Wardland 6'bm. Cry sh interbedded w/light
1000	1000	1000	ry fine-grn ss.
1000	1000	1000	Wardland form. Cry carb sh. scattered coals
1000	1000	1000	coals and cry, light, fine-grn ss.
1000	1000	1000	Wardland 6'bm. Cry, fine-grn, light,
1000	1000	1000	cracked soft ss.
1000	1000	1000	Lewis formation. Cry to white dense sh
1000	1000	1000	w/silty to shaly ss breaks.
1000	1000	1000	Shadron form. Cry to grn silty, glauconitic s
1000	1000	1000	stone with drk cry shale.
1000	1000	1000	Ward House ss. Cry, fine-grn, dense sil ss.
1000	1000	1000	Ward House form. Cry, fine-grn s, carb sh & pos.
1000	1000	1000	Point lookout form. Cry, very fine sil ss
1000	1000	1000	w/frequent sh breaks.
1000	1000	1000	Ward House formation. Cry carb sh.
1000	1000	1000	Ward House form. Cry to brn calc carb silty
1000	1000	1000	Ward House very fine cry ss w/irreg. inter sh.
1000	1000	1000	Ward House 6'bm. Cry carb very fine to fine
1000	1000	1000	ry ss w/calc veins w/irreg. inter drk cry
1000	1000	1000	Ward House form. Light calc cry sh w/thin lam
1000	1000	1000	Ward House form. Cry shale, fossil & carb
1000	1000	1000	w/white incl.
1000	1000	1000	Ward House form. Cry to drk cry fossil carb sh calc
1000	1000	1000	shaly ss w/white incl. thin sh bands clay

FROM—

TO—

TOTAL FEET

[OVER]

FORMATION

16-4308-4

Re: Huerfano Unit #103
990'FNL, 1650'FWL, Section 3, T-26-N, R-10-W, San Juan County, NM
API #30-045-06081

Dugan Production Corporation
PO Box 420
Farmington, NM 87499

Little Oil & Gas, Inc.
PO Box 1258
Farmington, NM 87499

I hereby certify that the following offset owners/operators have been notified by certified mail of our application for administrative approval for non-standard well location of the above well.



Peggy Bradfield
Regulatory/Compliance Administrator