

NSL 6/3/99



## Cross Timbers Oil Company

May 12, 1999

MAY 14 1999

Lori Wrotenberg, Director  
New Mexico Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Re: Request for Administrative Approval of an Unorthodox Location  
Blanco Mesaverde  
Martinez Gas Com G #1E  
N/2 Section 24-29N-10W  
San Juan County, New Mexico

Gentlemen:

Cross Timbers Operating Company hereby requests administrative approval of the following unorthodox location:

Well Name:	Martinez Gas Com G #1E
Pool:	Blanco Mesaverde
Location:	585' FNL & 1220' FWL
Acreage Dedication:	N/2 Section 24-29N-10W, containing 320 acres, more or less
County/State:	San Juan County, New Mexico
Pool Rules:	660' from lease lines

Attached is the following support and documentation for said application:

1. C-102 Plat
2. Geologic discussion
3. Copy of certified letter sent to offset operators/owners
  - A. Plat of offset operators
  - B. List of offset operators

We look forward to your approval and please call me at (817) 877-2336 with any questions.

Yours very truly,

Edwin S. Ryan, Jr.

cc: Bobby Smith - CTOC Midland

NMCOD - Aztec District Office  
1000 Rio Brazos Road  
Aztec, New Mexico 87410

Offset Operators

**State of New Mexico**  
**Energy, Minerals & Natural Resources Department**

Form C-102  
 Revised October 18, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 State Lease - 4 Copies  
 Fee Lease - 3 Copies

**OIL CONSERVATION DIVISION**  
**2040 South Pacheco**  
**Santa Fe, NM 87505**

District I  
 PO Box 1980, Hobbs, NM 88241-1980  
 District II  
 811 S. 1st Street, Artesia, NM 88210-2834  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 2040 South Pacheco, Santa Fe, NM 87505

☒ **AMENDED REPORT**

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-045-25568	<sup>2</sup> Pool Code 72319	<sup>3</sup> Pool Name Blanco Mesaverde
<sup>4</sup> Property Code 22624	<sup>5</sup> Property Name Martinez Gas Com G	
<sup>7</sup> OGRID No. 167067	<sup>8</sup> Operator Name Cross Timbers Operating Company	<sup>6</sup> Well Number 1E
		<sup>9</sup> Elevation 5,772' KB

<sup>10</sup> Surface Location

UL or lot no. D	Section 24	Township 29N	Range 10W	Lot. Idn	Feet from the 585	North/South Line N	Feet from the 1,220	East/West line W	County San Juan
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<sup>11</sup> 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
<sup>12</sup> Dedicated Acres		<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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**

	<sup>17</sup> OPERATOR CERTIFICATION			
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.			
	Signature Thomas DeLong Printed Name Production Engineer Title 5/7/99 Date			
	<sup>18</sup> 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.			
	2/25/81 Date of Survey			
	Signature and Seal of Professional Surveyor: Originally Signed by Fred B. Kerr JR. 3950 Certificate Number			

MARTINEZ GAS COM G #1E  
N½, SEC. 24-T29N-R10W  
SAN JUAN CO., N.M.

GEOLOGIC SUMMARY

The Martinez Gas Com G #1E is a well drilled in 1983 to a total depth of 6767 ft. which was initially completed in the Dakota Formation at a location 585' FNL, 1220' FWL of Section 24-T29N-R10W, San Juan County, New Mexico. The well is currently producing from the Dakota Formation only at a rate of around 170 MCFGPD. Cross Timbers Oil Company (CTOC) intends to re-enter the Martinez Gas Com G #1E, complete the Mesaverde Group Sandstone and commingle it with the existing Dakota Formation.

The Mesaverde Group consists of, from bottom to top, the Point Lookout Ss., a regressive coastal barrier sandstone that is continuous across much of the San Juan Basin, the Menefee Formation, a series of alternating sands, shales and coals deposited in an alluvial plain or coastal lagoon environment, and the Cliff House Sandstone, a NW-SE trending coastal barrier sandstone. In the immediate area, only the Point Lookout and Menefee Sandstones have proven productive. The Cliff House is believed to produce water. In the Martinez Gas Com G #1E the top of the Mesaverde Cliff House Ss. is at a depth of 3808 ft., the Menefee is at 3843 ft. and the Point Lookout occurs at 4426 ft.

There are currently three Mesaverde producing wells in Section 24; the CTOC Martinez Gas Com G #1 in the NE¼ which was completed in 1970 and has produced 1385 MMCFG up to 9/98, the CTOC Martinez Gas I #1A in the SE¼ which was completed in 1985 and has produced 300 MMCFG, and the CTOC Martinez Gas Com I #1 in the SW¼ which was completed in 1978 and has produced 369 MMCFG. There is currently no Mesaverde production in the NW¼ of Section 24. Burlington Resources operates one Mesaverde producing well in the S½ Section 13 to the north (Reid A #1M).

The existing Martinez Gas Com G #1E is at an unorthodox location (legal distance from the boundary of a Mesaverde GPU being 660 feet). Therefore, approval for an unorthodox location is necessary for the completion of the Mesaverde in this well.

With an estimated recompletion cost of \$125,700 vs. a new drill well cost of \$300,000, a savings of \$174,300 will be realized by recompleting the existing well rather than drilling a new well. In addition, the recompletion will prevent waste and additional surface disturbance associated with the drilling of a new well.

*Gary K. Burch*  
May 12, 1999



## Cross Timbers Oil Company

March 12, 1999

CERTIFIED MAIL

TO: Offset Operators - See Attached

Re: Unorthodox Location  
Martinez Gas Com G # 1E  
N/2 Section 24-29N-10W  
San Juan County, New Mexico

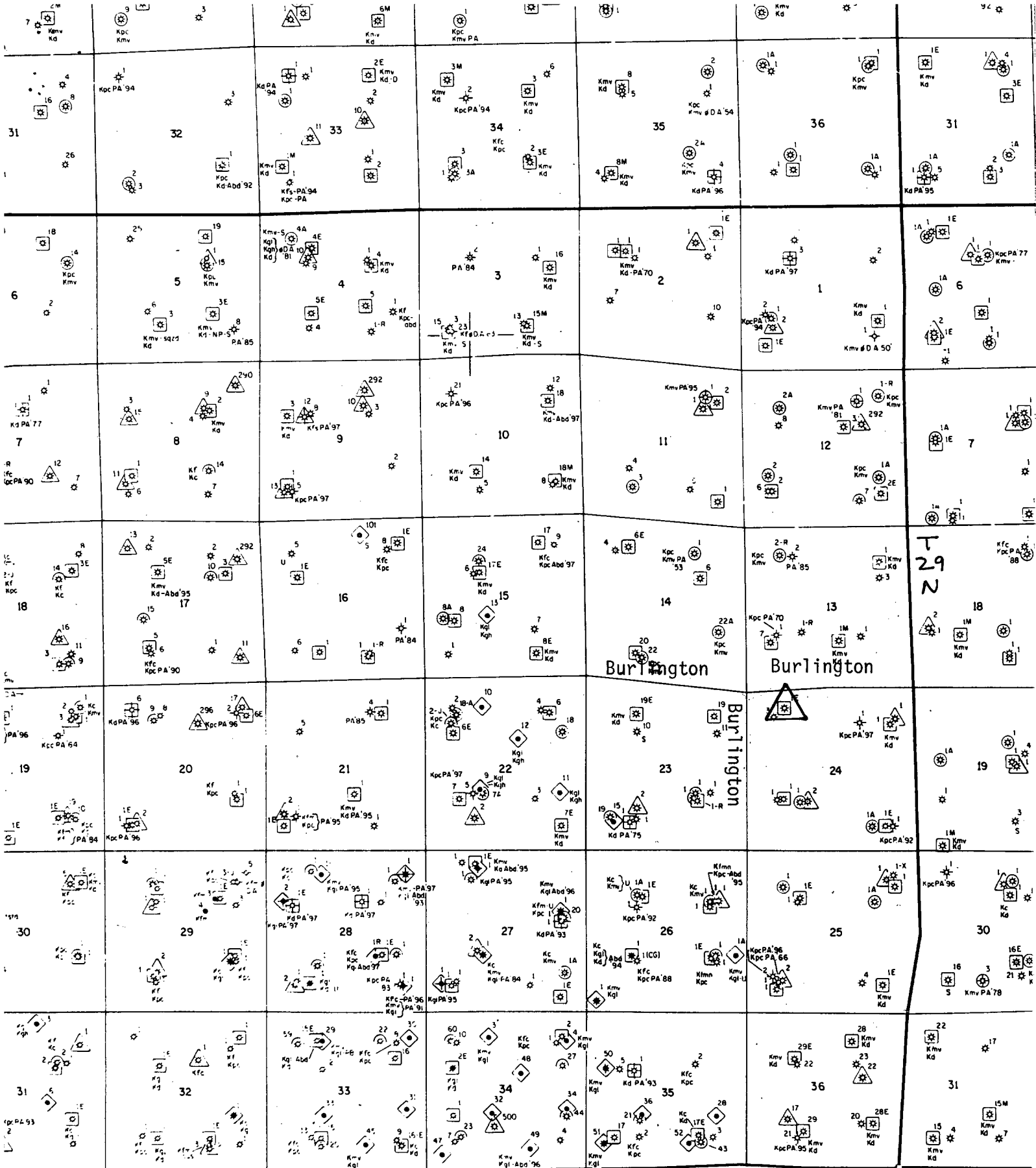
Gentlemen:

Cross Timbers Operating Company filed the attached application for administrative approval of the above Unorthodox Location with the New Mexico Oil Conservation Division on May 12, 1999. If you object to the application, you must file a written objection with the Oil Conservation Division within twenty (20) days of the date the application was filed.

Should you have any questions please feel free to call me at (817)877-2336.

Yours very truly,

Edwin S. Ryan, Jr.



R-10-W

— EXPLANATION —

PRODUCING INTERVAL

- FARMINGTON
- KATLAND
- FRUITLAND

WELL STATUS

- GAS WELL
- OIL WELL
- TEST TEMPORARILY ABANDONED
- INJECTION WELL

WELL HI

- T - TEMPORARILY ABANDONED
- A - PERMANENTLY ABANDONED
- D - DISCONNECTED
- S - SHUT IN
- PICTURED CLIFF NO PRODUCTION
- FRUITLAND & PH

OFFSET OPERATORS  
MARTINEZ GAS COM G #1E  
N/2 SECTION 24-29N-10W  
SAN JUAN COUNTY, NM

Burlington Resources Oil & Gas Company  
P.O. Box 4289  
Farmington, New Mexico 87499