



**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87506
(505) 827-7131

May 18, 1998

Burlington Resources
P. O. Box 4289
Farmington, NM 87499-4289
Attention: Peggy Bradfield

Administrative Order TX-282

Dear Ms. Bradfield:

Reference is made to your request for an exception to the tubing setting requirements as contained in Division Rule 107 (j) for the below-named wells.

Pursuant to the authority granted me by Rule 107(j) (4), you are hereby authorized to make tubingless completions in the following wells:

Well Name, Number and Location:

San Juan 30-6 Unit No. 122, Unit D, Section 28, Township 30 North, Range 7 West, NMPM, Rio Arriba County, New Mexico.

San Juan 29-7 Unit No. 159, Unit C, Section 5, Township 29 North, Range 7 West, NMPM, Rio Arriba County, New Mexico.

San Juan 29-7 Unit No. 160, API No. 30-039-25848, Unit K, Section 11, Township 29 North, Range 7 West, NMPM, Rio Arriba County, New Mexico.

San Juan 29-7 Unit No. 161, API No. 30-039-25849, Unit H, Section 12, Township 29 North, Range 7 West, NMPM, Rio Arriba County, New Mexico.

San Juan 29-7 Unit No. 163, Unit K, Section 10, Township 29 North, Range 7 West, NMPM, Rio Arriba County, New Mexico.

San Juan 29-7 Unit No. 166, Unit E, Section 23, Township 29 North, Range 7 West, NMPM, Rio Arriba County, New Mexico.

San Juan 28-6 Unit No. 219, Unit N, Section 8, Township 28 North, Range 6 West, NMPM, Rio Arriba County, New Mexico.

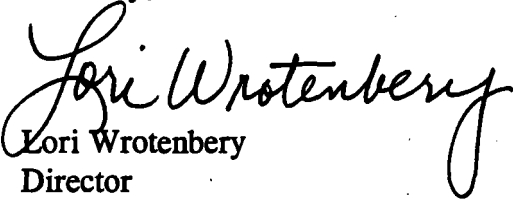
The Division reserves the right to rescind this authority in the event that waste appears to

PV2V2005731432

Administrative Order TX-282
Burlington Resources
May 18, 1998
Page 2

be resulting therefrom.

Sincerely,


Lori Wrotenberg
Director

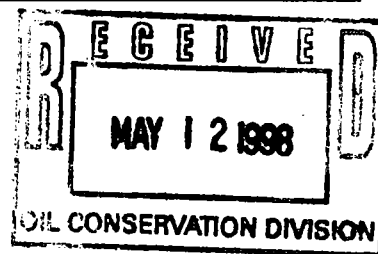
LW/RJ/kv

cc: Oil Conservation Division - Aztec

BURLINGTON RESOURCES

SAN JUAN DIVISION

282



May 9, 1998

Mr. Roy Johnson
New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Dear Mr. Johnson:

This is an application for variance to Rule 107 Section J. We intend to drill and complete the following wells in the Pictured Cliffs formation, run 4 1/2" casing and cement, and run no tubing:

San Juan 30-6 Unit #122	▷	NW Section 28, T-30-N, R-7-W	30-039-not assigned
San Juan 29-7 Unit #159	◁	NW Section 5, T-29-N, R-7-W	30-039-not assigned
San Juan 29-7 Unit #160	K	SW Section 11, T-29-N, R-7-W	30-039-25848
San Juan 29-7 Unit #161	H	NE Section 12, T-29-N, R-7-W	30-039-25849
San Juan 29-7 Unit #163	K	SW Section 10, T-29-N, R-7-W	30-039-not assigned
San Juan 29-7 Unit #166	E	NW Section 23, T-29-N, R-7-W	30-039-not assigned
San Juan 28-6 Unit #219	N	SW Section 8, T-28-N, R-6-W	30-039-not assigned

These tubingless completions are desirable as they allow us to economically produce reserves from the tight, low pressure Pictured Cliffs formation. Significant cost savings are realized using this method. The 4 1/2" casing will allow the wells to produce at a higher rate than can be realized through smaller tubulars. It is desired to utilize 4 1/2" casing because of the availability of a variety of tools that are designed for this size and carry less risk in running.

All the listed wells meet the following criteria:

- are in proven fields
- are less than 4000' total depth
- do not have corrosive or pressure problems
- are not dual completions
- will not produce any liquids or condensate (dry gas only)

Attached is a C-102 location plat for each well and a proposed wellbore schematic for each well. Please let me know if you require any additional information for these wells.

Sincerely,

A handwritten signature in dark ink, appearing to read "Peggy Bradfield". The signature is fluid and cursive, with a large initial "P" and "B".

Peggy Bradfield
Regulatory/Compliance Administrator

xc: NMOCD Aztec District Office

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

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number 30-039	'Pool Code 72359	'Pool Name Blanco Pictured Cliffs
'Property Code 7469	'Property Name SAN JUAN 30-6 UNIT	'Well Number 122
'OGRID No. 14538	'Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	'Elevation 6345'

¹⁰ Surface Location


UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
0	28	30N	7W		1190	NORTH	790	WEST	RIO ARRIBA

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
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¹² Dedicated Acres 160 W/320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. 160 acres for density purposes for the PC 320 acres for Revenue purposes for the PC
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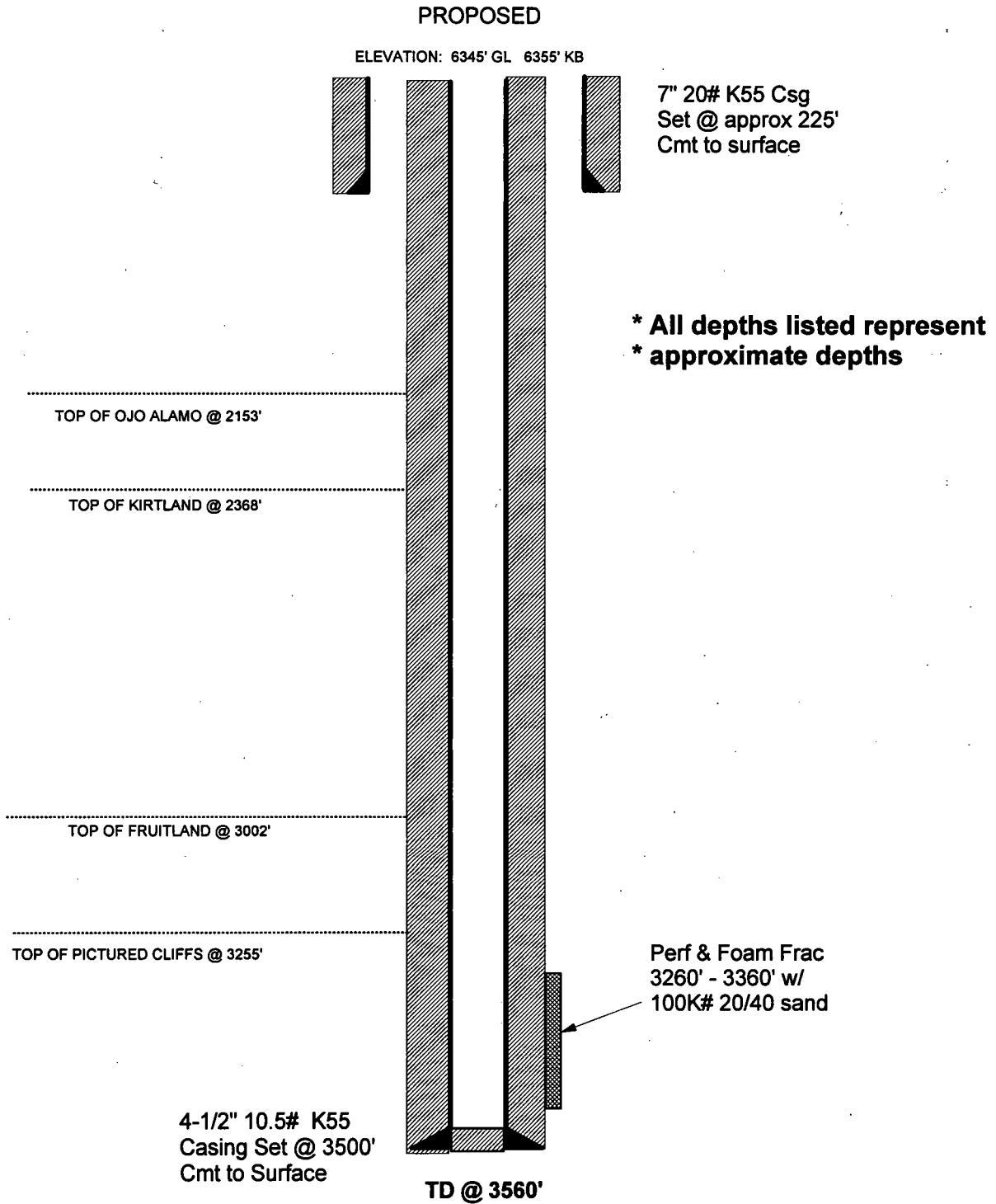
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div>15</div> <div>790'</div> <div>1190'</div> <div>5280.00'</div>		<div>5280.00'</div>		<div>17 OPERATOR CERTIFICATION</div> <div>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</div>	
<div>NMNM-02151A</div>		<div>28</div>		<div>Signature</div> <div>Peggy Bradfield</div> <div>Printed Name</div> <div>Regulatory Administrator</div> <div>Title</div>	
<div>5280.00'</div>		<div>5280.00'</div>		<div>Date</div>	
<div>NMNM-012709</div>		<div>5280.00'</div>		<div>18 SURVEYOR CERTIFICATION</div> <div>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.</div> <div>FEBRUARY 11, 1998</div> <div>Date of Survey</div> <div>Signature and Seal of Professional Surveyor</div> <div></div> <div>Certificate Number</div>	

San Juan 30-6 #122

Unit D, Section 28, T-30-N, R-07-W
Rio Arriba County, NM

BLANCO PICTURED CLIFFS WELLBORE SCHEMATIC



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

District II
PO Drawer DD, 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

¹ API Number 30-039	² Pool Code 72359	³ Pool Name Blanco Pictured Cliffs
⁴ Property Code 7465	⁵ Property Name SAN JUAN 29-7 UNIT	⁶ Well Number 159
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	⁹ Elevation 6065'

¹⁰ Surface Location

UL or lot no. C	Section 5	Township 29N	Range 7W	Lot Idn	Feet from the 865	North/South line North	Feet from the 1850	East/West line West	County RIO ARRIBA
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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
¹² Dedicated Acres 155.10 W/315.10					¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.		

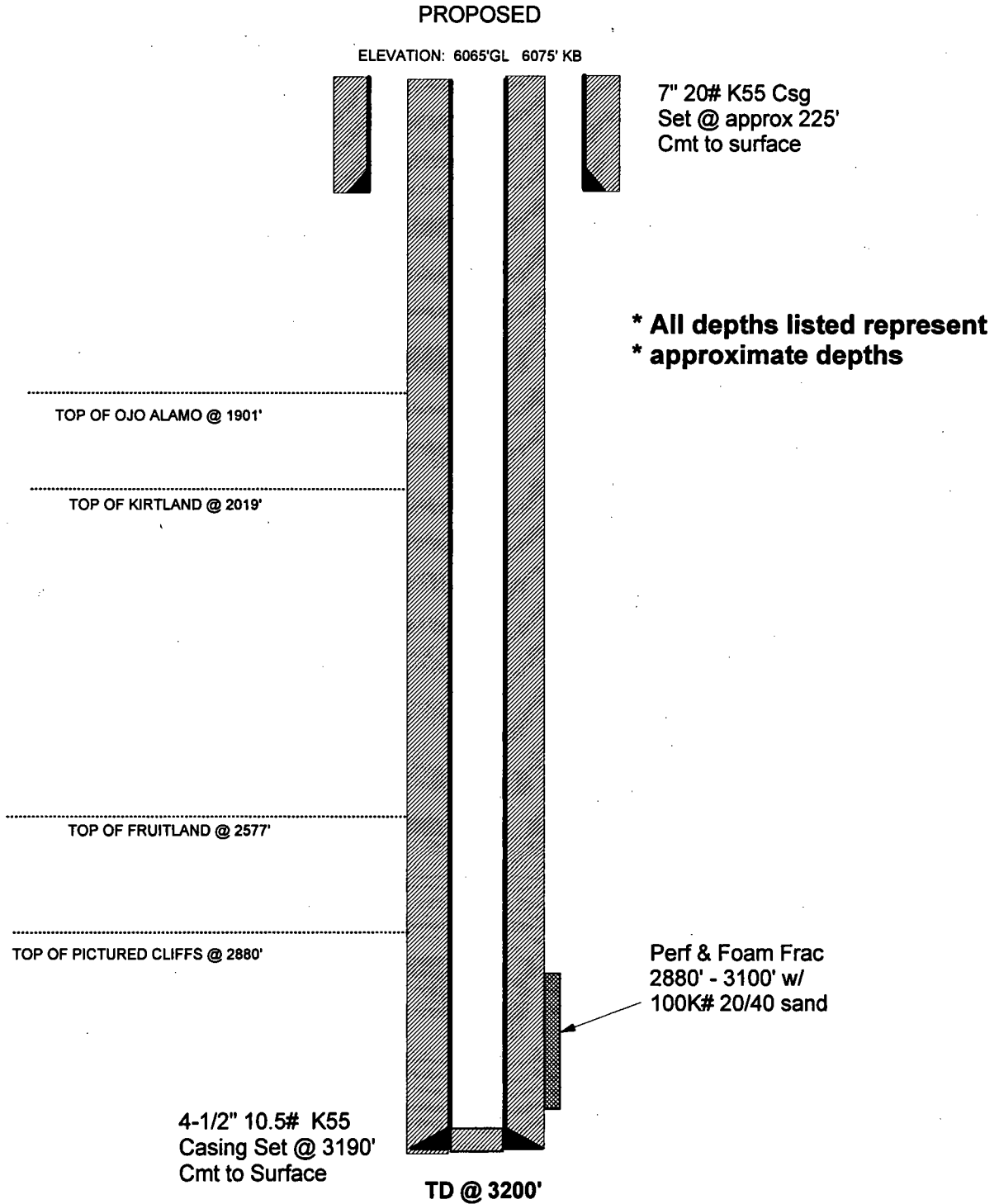
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

		<p>¹⁷ OPERATOR CERTIFICATION</p> <p>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</p> <p>Printed Name Regulatory Administrator</p> <p>Title</p> <p>Date</p> <p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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>JANUARY 17, 1998</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor </p> <p>Certificate Number 6857</p>
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San Juan 29-7 #159

Unit C, Section 5, T-29-N, R-07-W
Rio Arriba County, NM

BLANCO PICTURED CLIFFS WELLBORE SCHEMATIC



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

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039	² Pool Code 72359	³ Pool Name Blanco Pictured Cliffs
⁴ Property Code 7465	⁵ Property Name SAN JUAN 29-7 UNIT	⁶ Well Number 160
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	⁹ Elevation 6282'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	11	29N	7W		1730	SOUTH	1755	WEST	RIO ARriba

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

¹² Dedicated Acres 160 W/320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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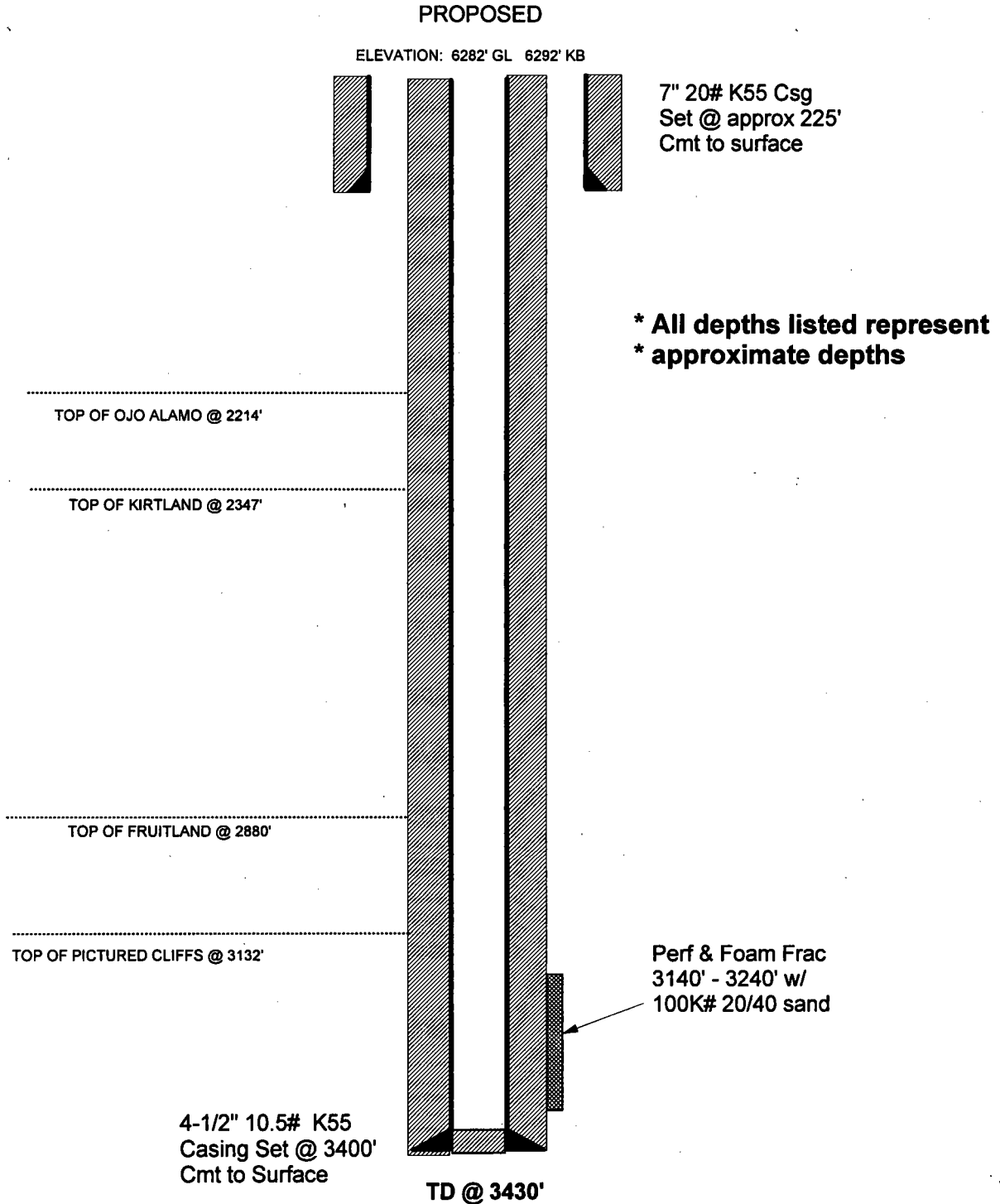
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ <p>160 acres for density purposes for the PO 320 acres for revenue purposes for the PO</p> <p>NMSF-078423</p> <p>11</p> <p>1755'</p> <p>1730'</p> <p>FEE</p>	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 4-17-98 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. MARCH 11, 1998 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 Professional Surveyor Certificate Number

San Juan 29-7 #160

Unit K, Section 11, T-29-N, R-07-W
Rio Arriba County, NM

BLANCO PICTURED CLIFFS WELLBORE SCHEMATIC



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

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WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number' 30-039	'Pool Code' 72359	'Pool Name' Blanco Pictured Cliffs
'Property Code' 7465	'Property Name' SAN JUAN 29-7 UNIT	
'OGAID No.' 14538	'Operator Name' BURLINGTON RESOURCES OIL & GAS COMPANY	'Well Number' 161
		'Elevation' 6368'

¹⁰ Surface Location

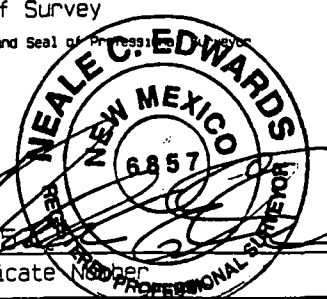
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	12	29N	7W		1700	NORTH	1080	EAST	RIO ARRI

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

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. 160 acres for density purposes for PC 320 acres for Revenue purposes for PC
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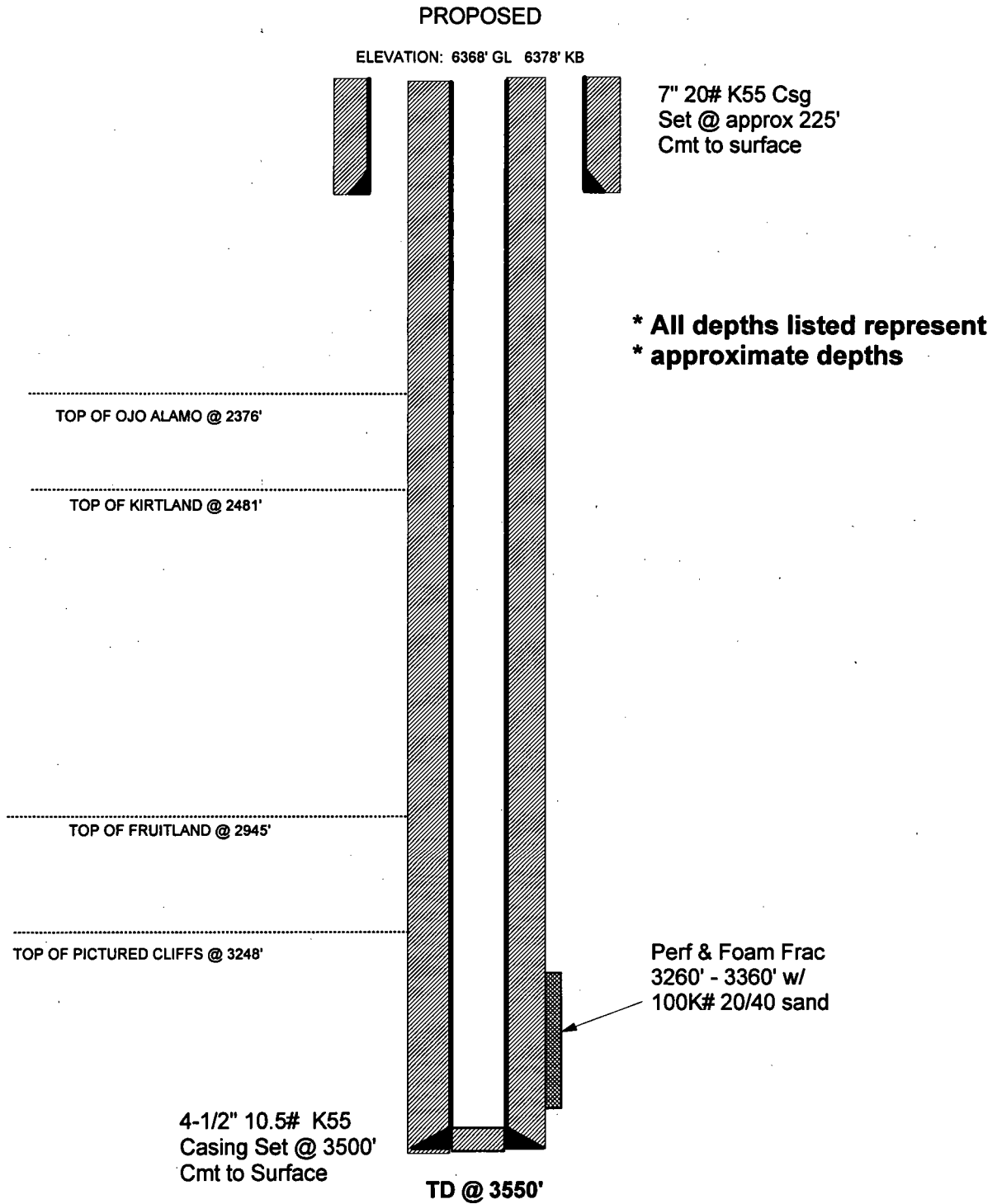
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁵ 5280.00'	5289.24'	1700'	1080'	5280.00'	FEE	5285.28'	NMSF-078945	12	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Peggy Bradford</i> Signature Peggy Bradford Printed Name Regulatory Administrator Title 4-27-98 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 or under my supervision, and that the same is true and correct to the best of my belief. FEBRUARY 11, 1998 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number 6857									

San Juan 29-7 #161

Unit G, Section 12, T-29-N, R-07-W
Rio Arriba County, NM

BLANCO PICTURED CLIFFS WELLBORE SCHEMATIC



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

District II
PO Drawer DD, 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

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WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039	*Pool Code 72359	*Pool Name Blanco Pictured Cliffs
*Property Code 7465	*Property Name SAN JUAN 29-7 UNIT	*Well Number 163
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	*Elevation 6280'

¹⁰ Surface Location

UL or lot no. K	Section 10	Township 29N	Range 7W	Lot Idn	Feet from the 1985	North/South line SOUTH	Feet from the 2135	East/West line WEST	County RIO ARriba
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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
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¹² Dedicated Acres 160 W/320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. 160 acres for density purposes for the PC 320 acres for revenue purposes for the PC
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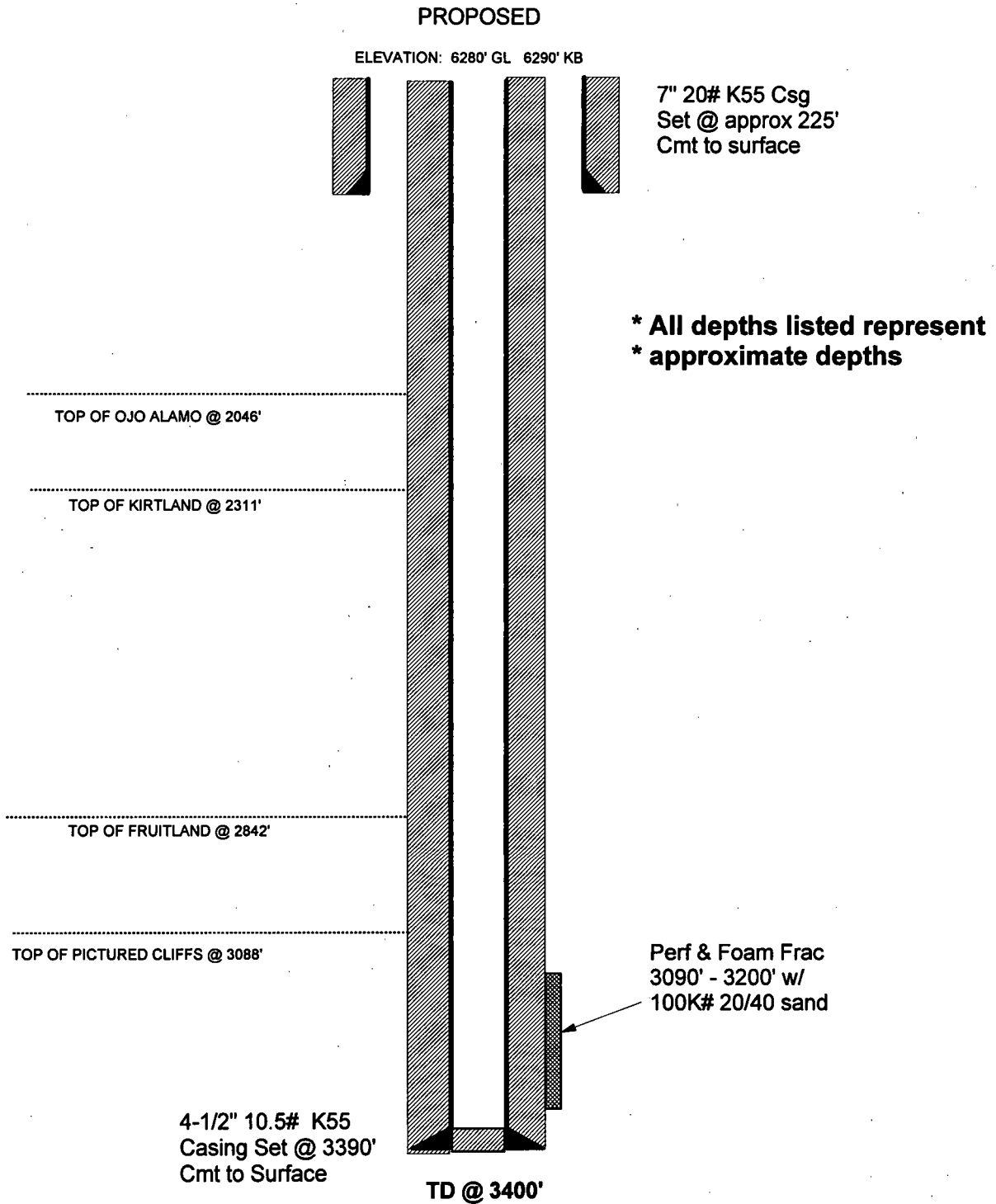
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¹⁶ <p>NMSF-079514</p> <p>10</p> <p>NMSF-078399</p>	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Peggy Bradfield Printed Name Regulatory Administrator Title 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. FEBRUARY 19, 1998 Date of Survey Signature and Seal of Professional Surveyor Certificate Number 6857
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San Juan 29-7 #163

Unit K, Section 10, T-29-N, R-07-W
Rio Arriba County, NM

BLANCO PICTURED CLIFFS WELLBORE SCHEMATIC



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

District II
PO Drawer DD, 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
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Santa Fe, NM 87504-2088

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WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039	*Pool Code 72359	*Pool Name Blanco Pictured Cliffs
*Property Code 7465	*Property Name SAN JUAN 29-7 UNIT	*Well Number 166
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	*Elevation 6270'

¹⁰ Surface Location

UL or lot no. E	Section 23	Township 29N	Range 7W	Lot Idn	Feet from the 1810	North/South line NORTH	Feet from the 1100	East/West line WEST	County RIO ARriba
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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
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¹² Dedicated Acres 160 W/320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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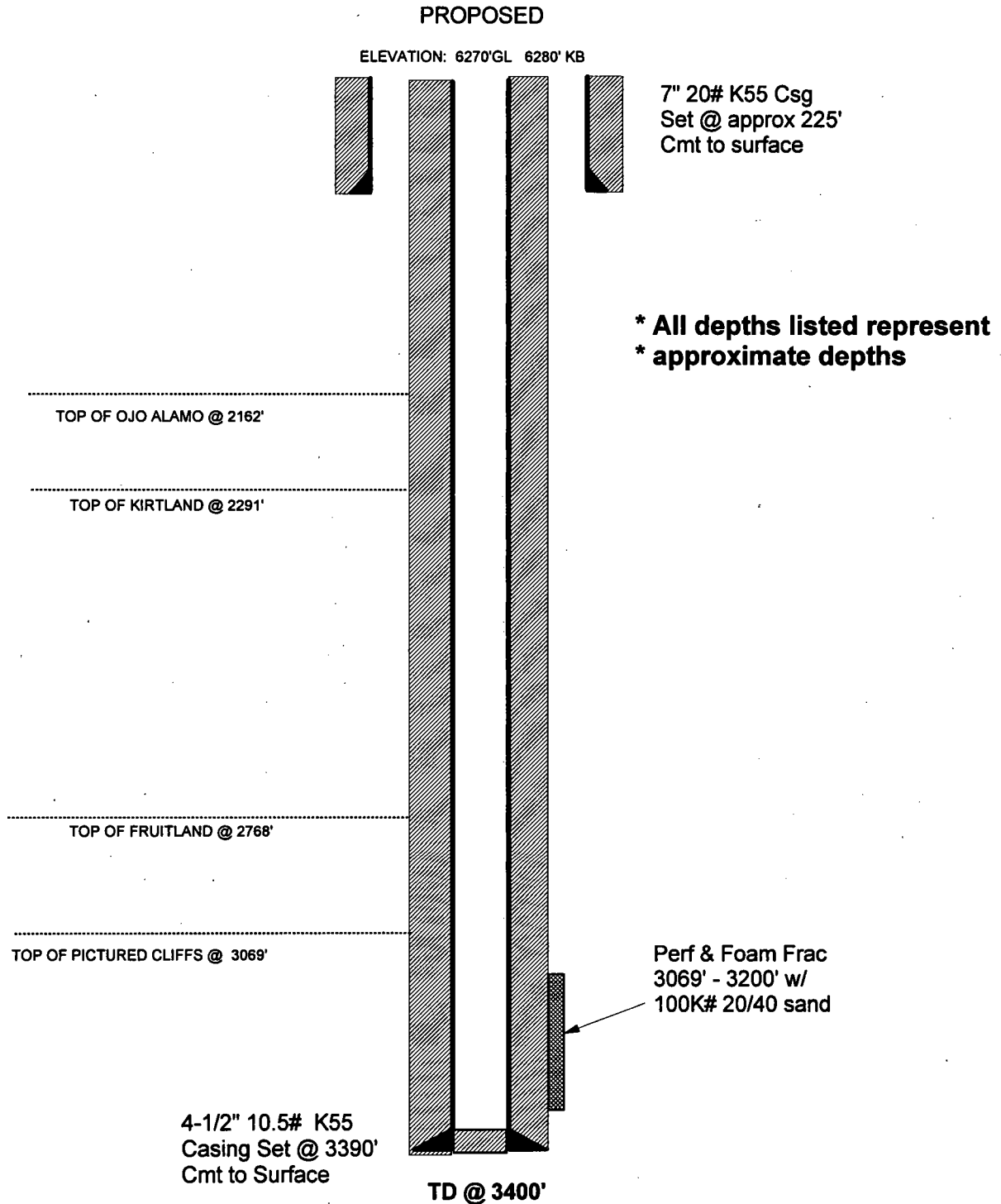
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ <p>1810'</p> <p>1100'</p> <p>NMSF-078399</p> <p>NMSF-078424</p> <p>23</p> <p>5268.12'</p> <p>5273.40'</p> <p>FEE</p>	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
	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.
	MARCH 16, 1998 Date of Survey
	Signature and Seal of Professional Surveyor <p>NEALE C. EDWARDS NEW MEXICO 6857</p>
	Certification Number

San Juan 29-7 #166

Unit E, Section 23, T-29-N, R-07-W
Rio Arriba County, NM

BLANCO PICTURED CLIFFS WELLBORE SCHEMATIC



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

District II
PO Drawer DD, 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

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039		*Pool Code 72359		*Pool Name Blanco Pictured Cliffs	
*Property Code 7462		*Property Name SAN JUAN 28-6 UNIT			*Well Number 219
*GRID No. 14538		*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			*Elevation 6834'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	8	28N	6W		1160	SOUTH	1830	WEST	RIO ARriba

¹¹ Bottom Hole Location If Different From Surface

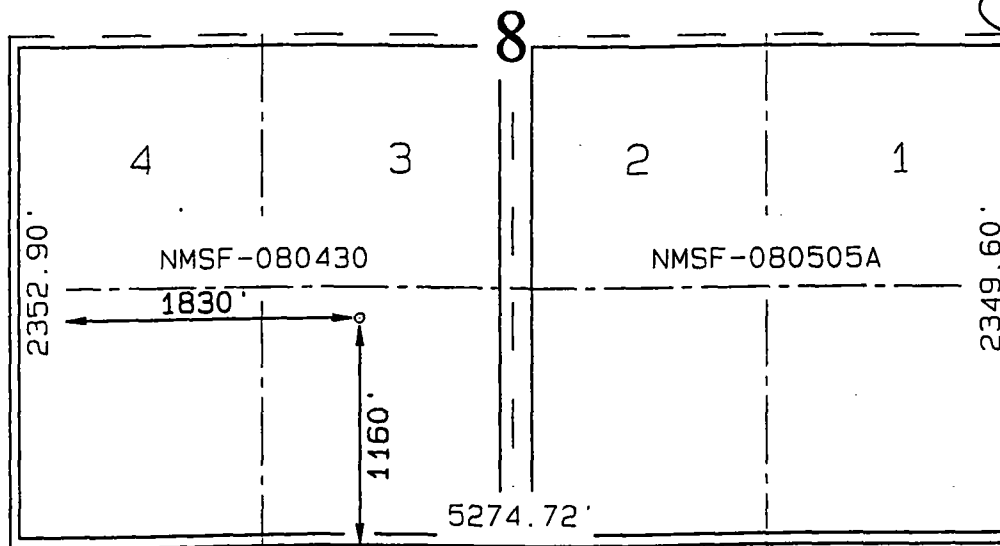
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 142.55 All/285	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

142.55 acres for density purposes for the PC
285 acres for revenue purposes for the PC



¹⁷ OPERATOR CERTIFICATION

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

Peggy Bradfield
Signature
Peggy Bradfield
Printed Name
Regulatory Administrator
Title
4-17-98
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 or under my supervision, and that the same is true and correct to the best of my belief.

FEBRUARY 12, 1998
Date of Survey
Signature and Seal of Professional Surveyor

NEALE C. EDWARDS
NEW MEXICO
6857
Certified Professional Surveyor

San Juan 28-6 #219

Unit N, Section 8, T-28-N, R-06-W
Rio Arriba County, NM

BLANCO PICTURED CLIFFS WELLBORE SCHEMATIC

