



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

March 30, 1999

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

Telefax No. (505) 326-9833

RECEIVED
APR - 5 1999

OIL CON. DIV.
DIST. 3

Administrative Order NSL-4245

Dear Ms. Bradfield:

Reference is made to your application submitted to the New Mexico Oil Conservation Division ("Division") on March 9, 1999 for an exception to the well location requirements provided within the "*Special Rules and Regulations for the Basin-Dakota Pool*," as promulgated by Division Order No. R-10987. The S/2 of Section 2, Township 31 North, Range 8 West, NMPM, San Juan County, New Mexico is to be dedicated to the proposed well in order to form a standard 320-acre lay-down gas spacing and proration unit for the Basin-Dakota Pool.

The application has been duly filed under the provisions of Division Rules 104.F and 605.B.

By the authority granted me under the provisions of Division Rule 104.F(2), the following described well to be drilled at an unorthodox gas well location in Section 2 is hereby approved:

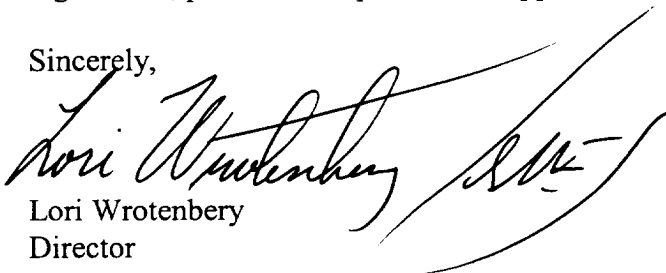
State Com "31-8" Well No. 1-E

960' FSL & 2225' FEL (Unit O) - 2 - 31N - 8W

(API No. 30-045-29769)

Further, the aforementioned well and spacing unit will be subject to all existing rules, regulations, policies, and procedures applicable to prorated gas pools in Northwest, New Mexico.

Sincerely,


Lori Wrotenberg
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Aztec /
New Mexico State Land Office - Santa Fe

BURLINGTON RESOURCES

SAN JUAN DIVISION

Sent Federal Express – March 8, 1999

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

RECEIVED
MAR - 9 1999
OIL CON. DIV.
DIST. 3

Re: State Com 31-8 #1E (State Lease #V-100-4)
960'FSL, 2225'FEL, Section 2, T-31-N, R-8-W, San Juan County
30-045-29769

Dear Mr. Stogner:

Burlington Resources is applying for administrative approval of an unorthodox gas well location for the Basin Dakota pool.

This application for the referenced location is due to extremely rough terrain and the presence of Negro Canyon Recreation Area. The referenced location will require no new road construction, to minimize surface land disturbance.

Production from the Basin Dakota pool is to be included in 320 acre gas spacing and proration unit for the south half (S/2) in Section 2. Production from the Basin Dakota is to be dedicated to the State Com 31-8 #1 (30-045-25040) located at 905' FSL, 790' FWL of Section 2.

The following attachments are for your review:

- Application for Permit to Drill.
- Completed C-102 at referenced location.
- Offset operators/owners plat
- 7.5 minute topographic map showing no new road construction.
- 7.5 minute topographic map outlining standard windows for the Dakota.

Three copies of this application are being submitted to offset operators by certified mail with a request that they furnish you with a Waiver of Objection, keep one copy for their files and return one copy to this office. We appreciate your earliest consideration of this application.

We appreciate your earliest consideration of this application.

Sincerely,


Peggy Bradfield
Regulatory/Compliance Administrator

Xc: NMOCD – Aztec Office
Bureau of Land Management – Farmington
Phillips Petroleum

WAIVER

_____ hereby waives objection to Burlington Resources' application for a non-standard location for the State Com 31-8 #1E as proposed above.

By: _____ Date: _____

Re: State Com 31-8 #1E (State Lease #V-100-4)
960'FSL, 2225'FEL, Section 2, T-31-N, R-8-W, San Juan County
30-045-29769

I hereby certify that the following offset operators/owners have been mailed notification of our application for non-standard location to drill the referenced well.

Phillips Petroleum Company
Att: Scott Prather
5525 Highway 64, NBU 3004
Farmington, NM 87401

Bureau of Land Management
Att: Duane Spencer
1235 LaPlata Highway
Farmington, NM 87401


Peggy Bradfield
Regulatory/Compliance Administrator
Burlington Resources

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

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address. Burlington Resources PO Box 4289, Farmington, NM 87499		² OGRID Number 14538
³ Property Code 7535	⁴ Property Name State Com 31-8	⁵ API Number 30-045-29769
		⁶ Well No. #1E

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	2	31N	8W		960'	South	2225'	East	San Juan

⁸ Proposed 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
⁹ Proposed Pool 1 Basin Dakota - 71599					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code State	¹⁵ Ground Level Elevation 6588'GR
¹⁶ Multiple	¹⁷ Proposed Depth 8350'	¹⁸ Formation Dakota	¹⁹ Contractor N/A	²⁰ Spud Date N/A

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 3/4"	9 5/8"	32.3#	200'	188 cu.ft.	Surface
8 3/4"	7"	20#	3905'	1027 cu.ft.	Surface
6 1/4"	4 1/2"	10.5#	3805'-8350'	638 cu.ft.	Surface

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

11" 2000 psi minimum double gate BOP

Note: To facilitate higher hydraulic stimulation completion work, no liner hanger will be used. Instead, a long string of 4 1/2" casing will be run and cemented with a minimum of 100' of cement overlap between the 4 1/2" x 7" casing strings. After completion of the well, a 4 1/2" CIBP will be set above the last fracturing job to cut and pull the 4 1/2" casing above the 7" casing shoe. The 4 1/2" bridge plug will then be milled and tubing will be run for completion.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Peggy Bradfield*
Printed name: Peggy Bradfield (vkh)

Title: Regulatory/Compliance Administrator

Date: 12-16-98

Phone: 505-326-9700

OIL CONSERVATION DIVISION

Approved by: *Ernie Busch*
Title: *DEPUTY OIL & GAS INSPECTOR DIST #*

Approval Date: *JAN - 5 1999* Expiration Date: *JAN - 5 2000*

Conditions of Approval: *HOLD C-104 FOR NSC*
Attached ☐

1990. Hobbs, NM 88241-1980

1990. Artesia, NM 88211-0719

1000 Brazos Rd., Aztec, NM 87410

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- <u>29769</u>		2 Pool Code 71599		3 Well Name Basin Dakota	
4 Property Code 7535		5 Property Name STATE COM 31-8			6 Well Number 1E
7 OSEID No. 14538		8 Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			9 Elevation 6588

10 Surface Location

UL or Section	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
C	2	31N	8W		960	SOUTH	2225	EAST	SAN JUAN

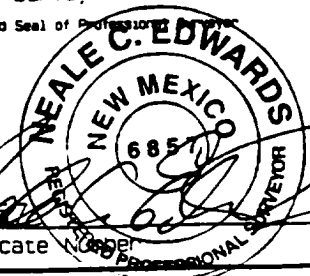
11 Bottom Hole Location If Different From Surface

UL or Section	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedication Acres S/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		2603.04'		2612.28'		17 OPERATOR CERTIFICATION	
1307.46'	4	3	2	1	1333.86'	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
						Signature <u>Peggy Bradfield</u>	
1296.90'					1294.92'	Printed Name <u>Peggy Bradfield</u>	
						Title <u>Regulatory Administrator</u>	
2593.80'			2		2589.84'	Date <u>12-17-98</u>	
						18 SURVEYOR CERTIFICATION	
11-1195- 11-4M		ST NM E-3707				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.	
		V-100-4-NM				Date of Survey <u>NOVEMBER 18, 1998</u>	
		5147.34'				Signature and Seal of Professional Surveyor	
		460'		2225'		Certificate Number <u>6857</u>	



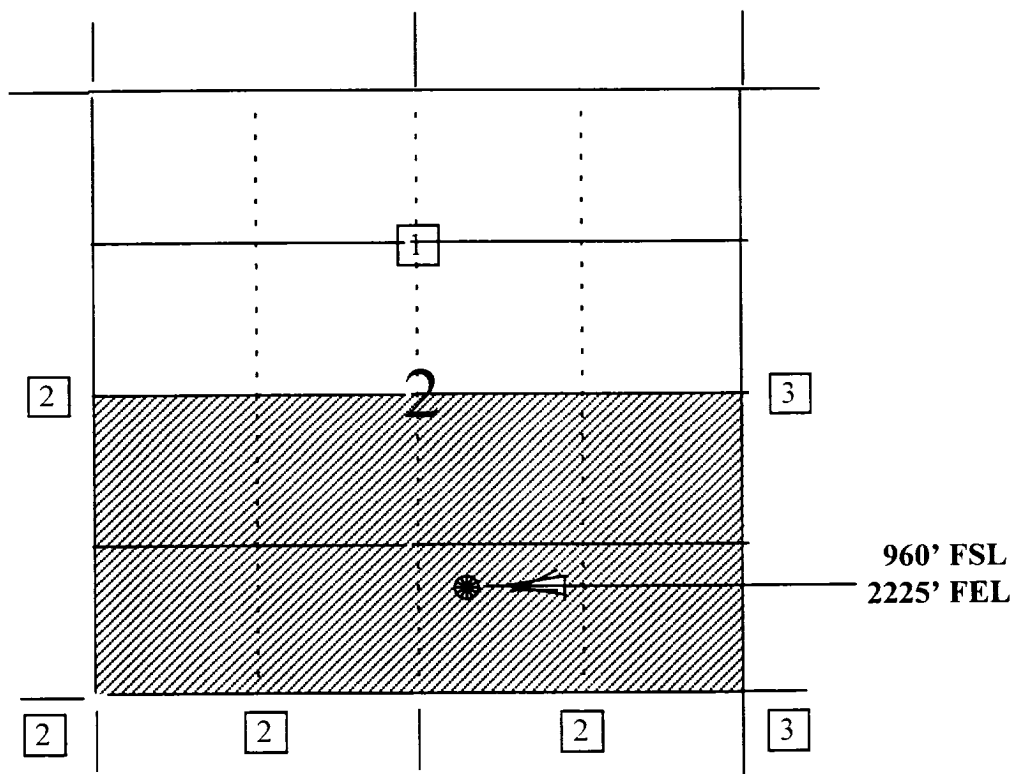
BURLINGTON RESOURCES OIL AND GAS COMPANY

State Com 31-8 #1E

**OFFSET OPERATOR \ OWNER PLAT
Nonstandard Location**

Dakota Formation Well

Township 31 North, Range 8 West



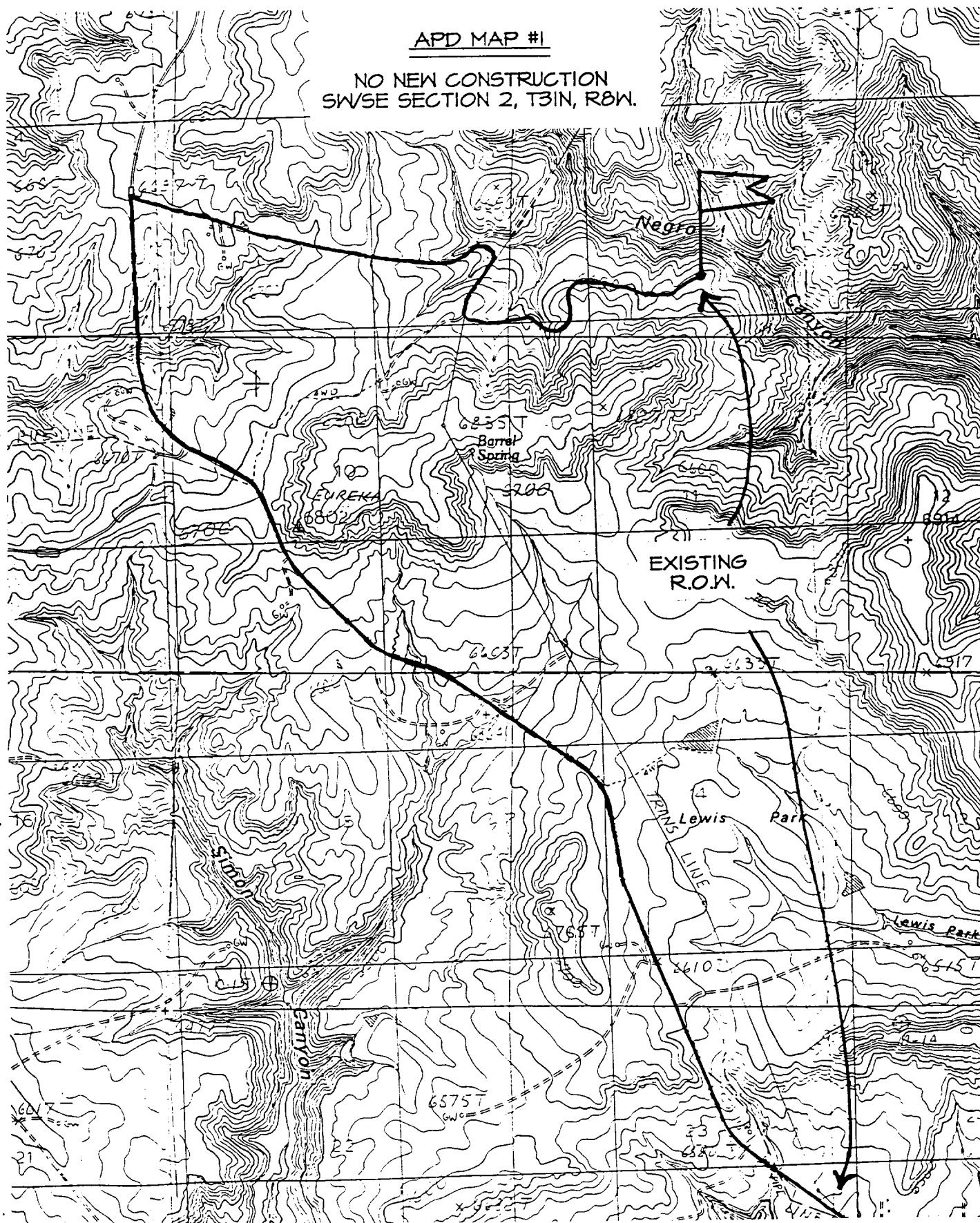
- 1) Burlington Resources
- 2) Phillips Petroleum Company
Attn: Mr. Scott Prather
5525 Hwy. 64, NBU 3004
Farmington, NM 87401
- 3) Bureau of Land Management
Attn: Duane Spencer
1235 La Plata Highway
Farmington, NM 87401

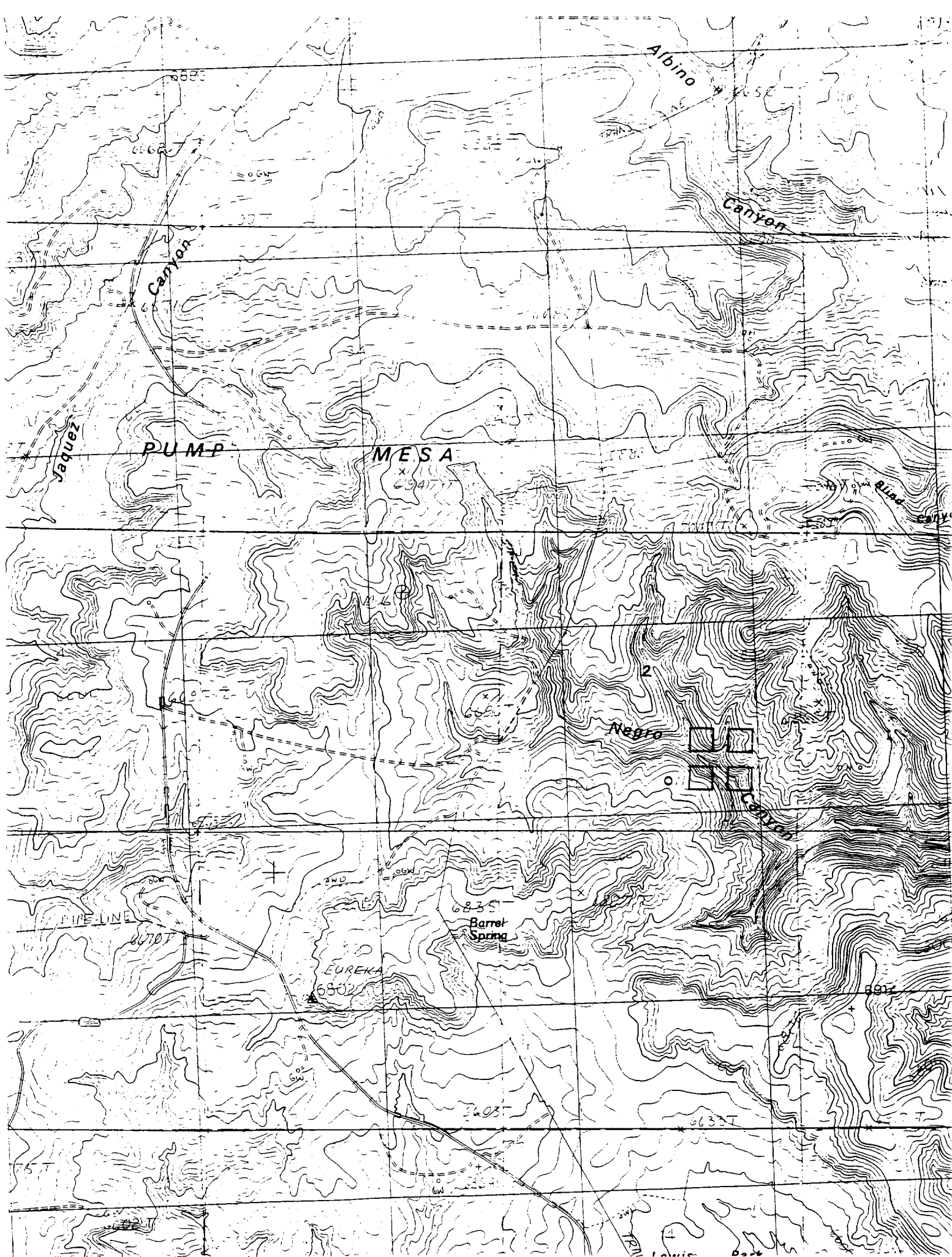
BURLINGTON RESOURCES OIL & GAS COMPANY STATE COM 31-8 #1E

960' FSL & 2225' FEL, SECTION 2, T31N, R8W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

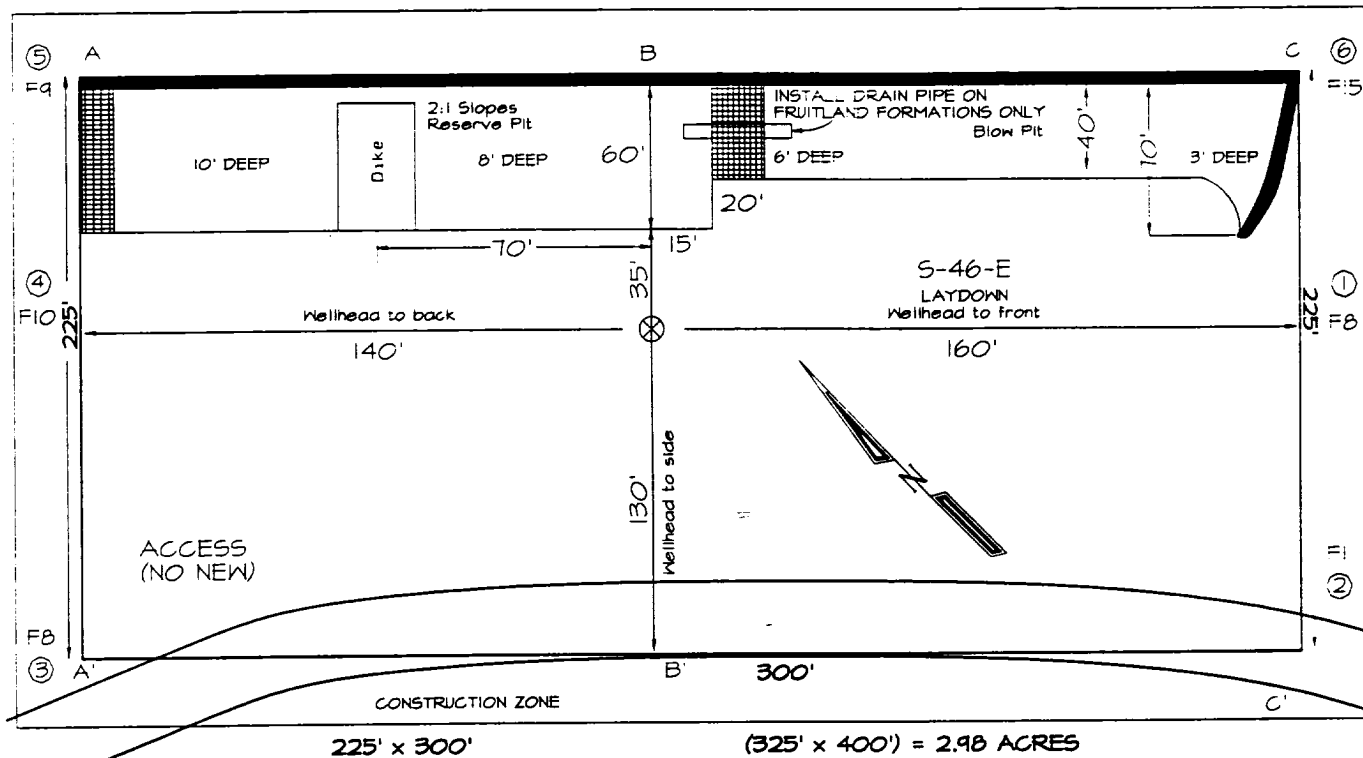
NO NEW CONSTRUCTION
SWSE SECTION 2, T31N, R8W.



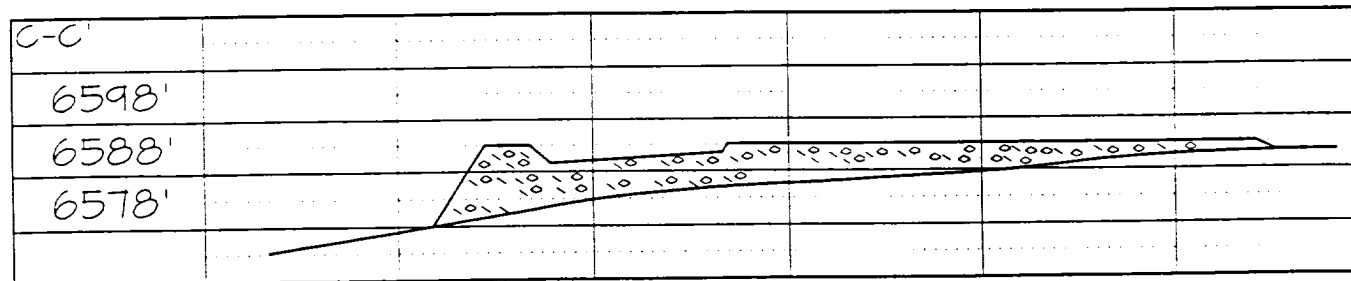
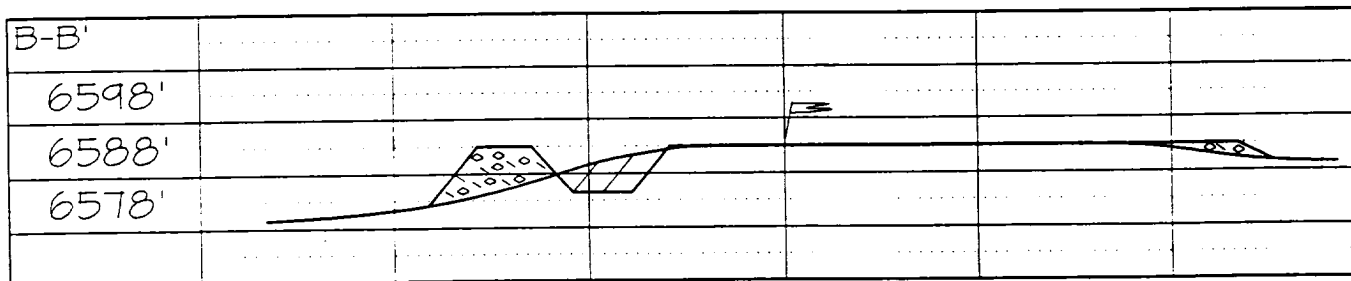
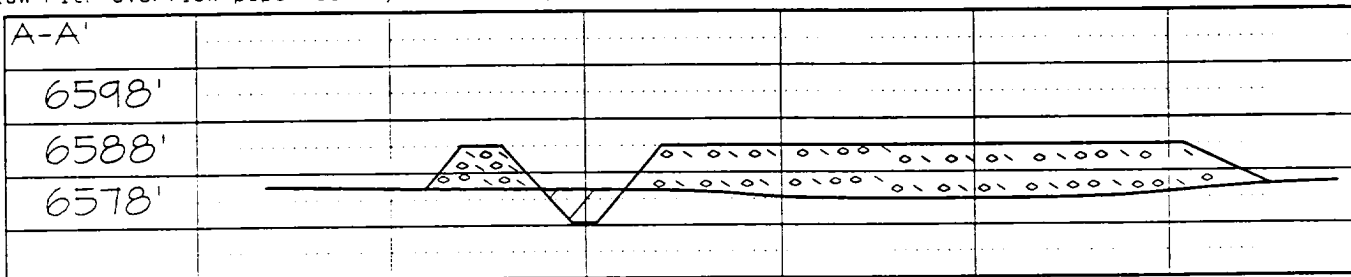


PLAT #1

BURLINGTON RESOURCES OIL & GAS COMPANY
STATE COM 31-8 #1E, 960' FSL & 2225' FEL
SECTION 2, T31N, R8W, NMPM, SAN JUAN COUNTY, NEW MEXICO
GROUND ELEVATION: 6588' DATE: NOVEMBER 18, 1998



Reserve Pit Dike: to be 8' above Deep side (overflow - 3' wide and 1' above shallow side).
 Blow Pit: overflow pipe halfway between top and bottom and to extend over plastic liner and into blow pit.



Note: Contractor should call One-Call for location of any marked or unmarked buried pipelines or cables on well pad and/or access road at least two (2) working days prior to construction