

CP

March 3, 2000

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

RE: Administrative Approval of Unorthodox Locations  
San Juan 30-4 Unit #43 and #44 Wells  
Township 30 North, Range 4 West  
Mesa Verde/Pictured Cliffs Duals  
Rio Arriba County, New Mexico



Dear Mr. Stogner:

Energen Resources Corporation (Energen) is making plans to drill two Mesa Verde / Pictured Cliffs wells which are located in the Carson National Forest and the San Juan 30-4 Unit.

Order R-10987-A covering the Blanco Mesa Verde pool allows Mesa Verde wells within Federal Exploratory Units to be located not closer than ten (10) feet to any section, quarter section, or interior quarter-quarter section line, except when within one-half (1/2) mile of the outer boundary of the Unit.

Since the subject wells are within the San Juan 30-4 Unit, are in excess of 1/2 mile from the outer boundary and are not closer than ten (10) feet to any lease line, they are at a legal location for the Mesa Verde formation. However, as no such Federal Unit exception provision exists in the East Blanco Pictured Cliffs Pool rules; Energen hereby requests Administrative Approval of Unorthodox Locations under the provisions of State Rule 104 for the following wells:

<u>Well Name</u>	<u>Location</u>
San Juan 30-4 Unit #43	Sec. 17, T30N-R4W, 660' FSL & 140' FWL
San Juan 30-4 Unit #44	Sec. 20, T30N-R4W, 1,095' FNL & 75' FWL

Recommended approved - BIL 4/17/00

Blue to check 4-7-00

The proposed wells will be drilled as dual wells with production from the Blanco Mesa Verde and the East Blanco Pictured Cliffs pools being dedicated to the respective participating areas of the San Juan 30-4 Unit.

Energen Resources Corporation is the operator of the San Juan 30-4 Unit and all lands within the Unit are fully committed.

Due to extremely rough terrain in the form of steep cliffs and at the request of the District Ranger of the Carson National Forest to reduce disturbance to wildlife habitat and damage to vegetation and is necessary to request unorthodox locations for these wells.

Energen is the operator of all offsetting properties.

Attached is a letter from the Carson National Forest District Ranger requesting Energen make application for unorthodox locations, a well location plat showing dedicated acreage (C-102), a topographic plat of the area, a plat depicting the outline of the San Juan 30-4 Unit area, and a map showing all offsetting owners.

Your favorable consideration of this request would be appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Richard Corcoran". The signature is written in black ink and is positioned below the word "Sincerely,".

Richard Corcoran  
District Landman

RC/tm

Enclosures



Department of  
Agriculture

Service

Southwestern Region 3  
Carson National Forest  
Jicarilla Ranger District

104 East Broadway  
Bloomfield, New Mexico 87413  
505-632-2956  
FAX 505-632-3173

File Code: 2820

Date: 12/13/99

Rich Corcoran  
Energen Resources  
2198 Bloomfield Hwy.  
Farmington, NM 87401

**RE: Unorthodox location for wells: San Juan 30-4 Unit # 43 & #44**

Dear Mr. Corcoran,

The Jicarilla Ranger District, Carson National Forest is requesting you apply for an unorthodox location as follows, as discussed by your company representative and Camela Hooley of this office:

**San Juan 30-4 #43, T30N R4W Sec.17, 660'FSL/140'FWL  
San Juan 30-4 #44, T30N R4W Sec.20, 1095'FNL/75'FWL**

The mineral operator is required to comply with other applicable regulations such as the Endangered Species Act and the Archeological Resources Protection Act under 36CFR228.112(c). The operator is also required under 36CFR228.108(c) to minimize or prevent damage to surface resources. The Carson National Forest Management Plan states that surface resource impacts will be minimized when administering mineral resources.

The following conditions apply which require an unorthodox location:

☐ Archeological resources prevent locating the well in an orthodox location.

☒ #43, #44 Topography prevents locating the well in an orthodox location.

☐ Threatened/endangered species concerns prevent locating the well in an orthodox location.

☒ #43, #44 Prevention of unnecessary resource damage requires the location be unorthodox. (Such as a previously disturbed area or existing road available outside the drilling window.)

Thank you for your cooperation in this matter.

Mark Catron  
District Ranger



Caring for the Land and Serving People

Printed on Recycled Paper



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

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised February 21, 1994

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

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

Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code	*Pool Name
		72400-72319	East Blanco Pictured Cliffs - Blanco Mesaverde
*Property Code	*Property Name		*Well Number
	SAN JUAN 30-4 UNIT		44
*GRID No.	*Operator Name		*Elevation
162928	ENERGEN RESOURCES CORPORATION		7460'

<sup>10</sup> Surface Location

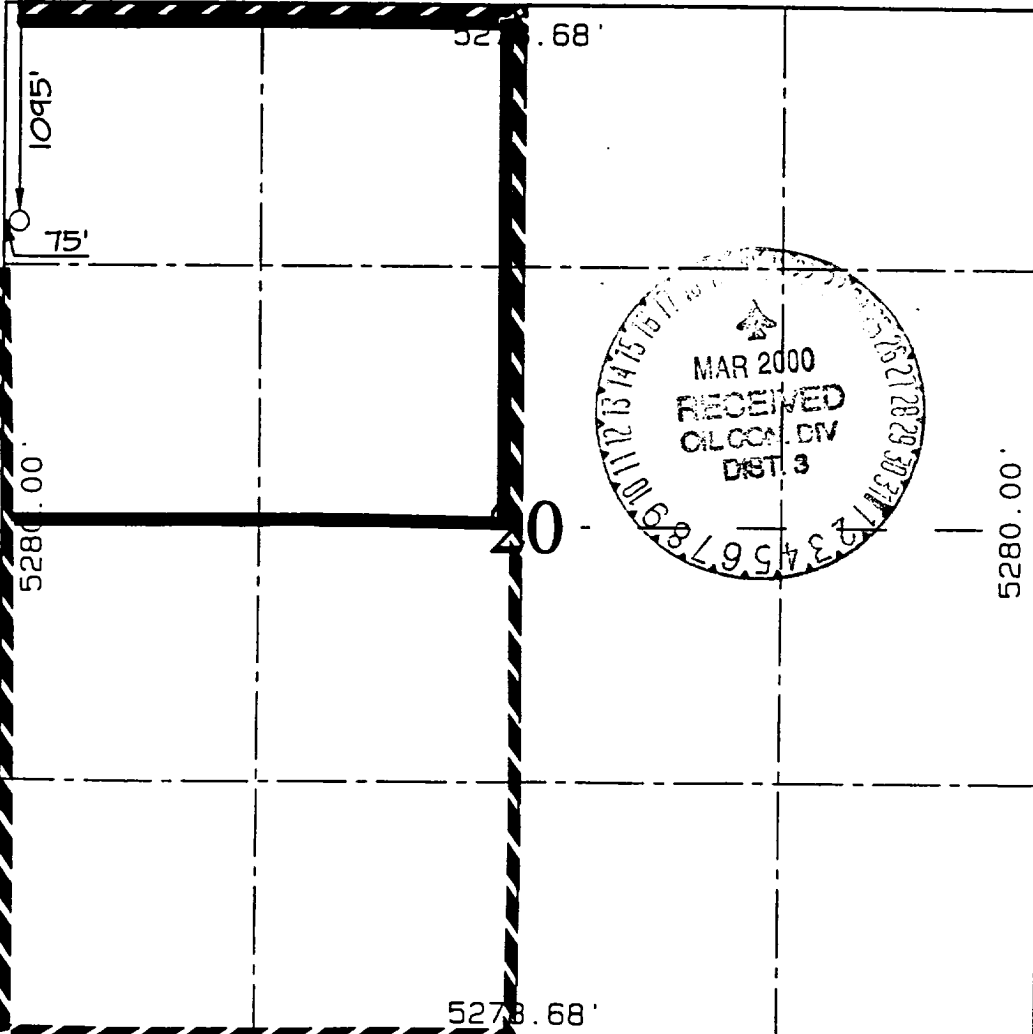
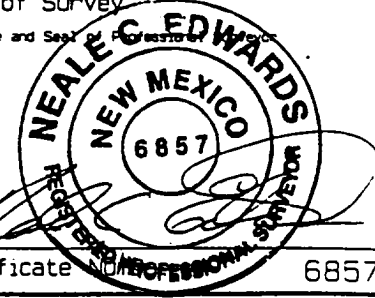
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	20	30N	4W		1095	NORTH	75	WEST	RIO ARriba

<sup>11</sup> Bottom Hole Location If Different From Surface

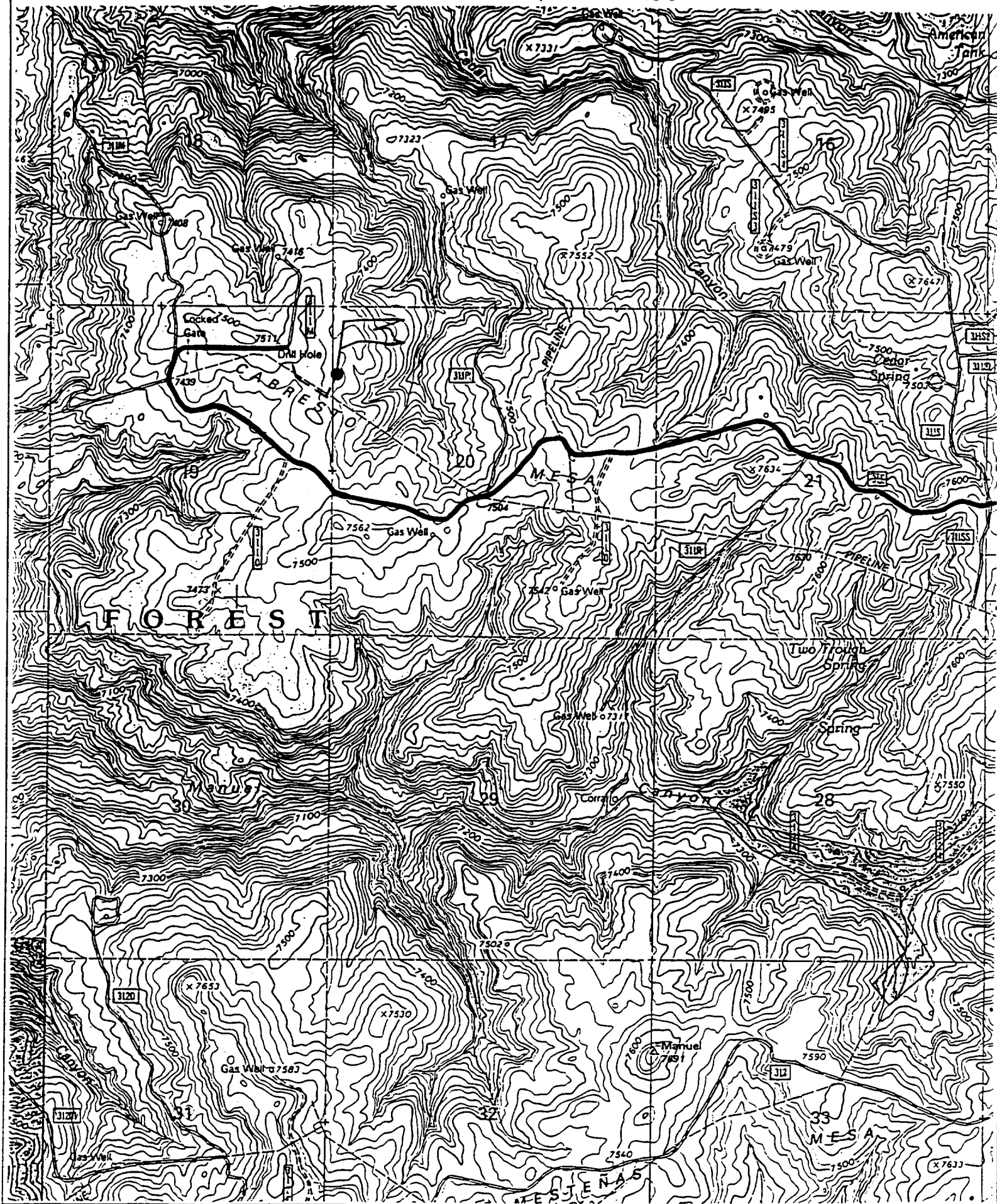
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<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 Gary Brink
	Printed Name Production Superintendant
	Title
	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.
	NOVEMBER 18, 1999
	Date of Survey
	Signature and Seal of Surveyor 
	Certificate No. 6857

RIO ARriba COUNTY, NEW MEXICO

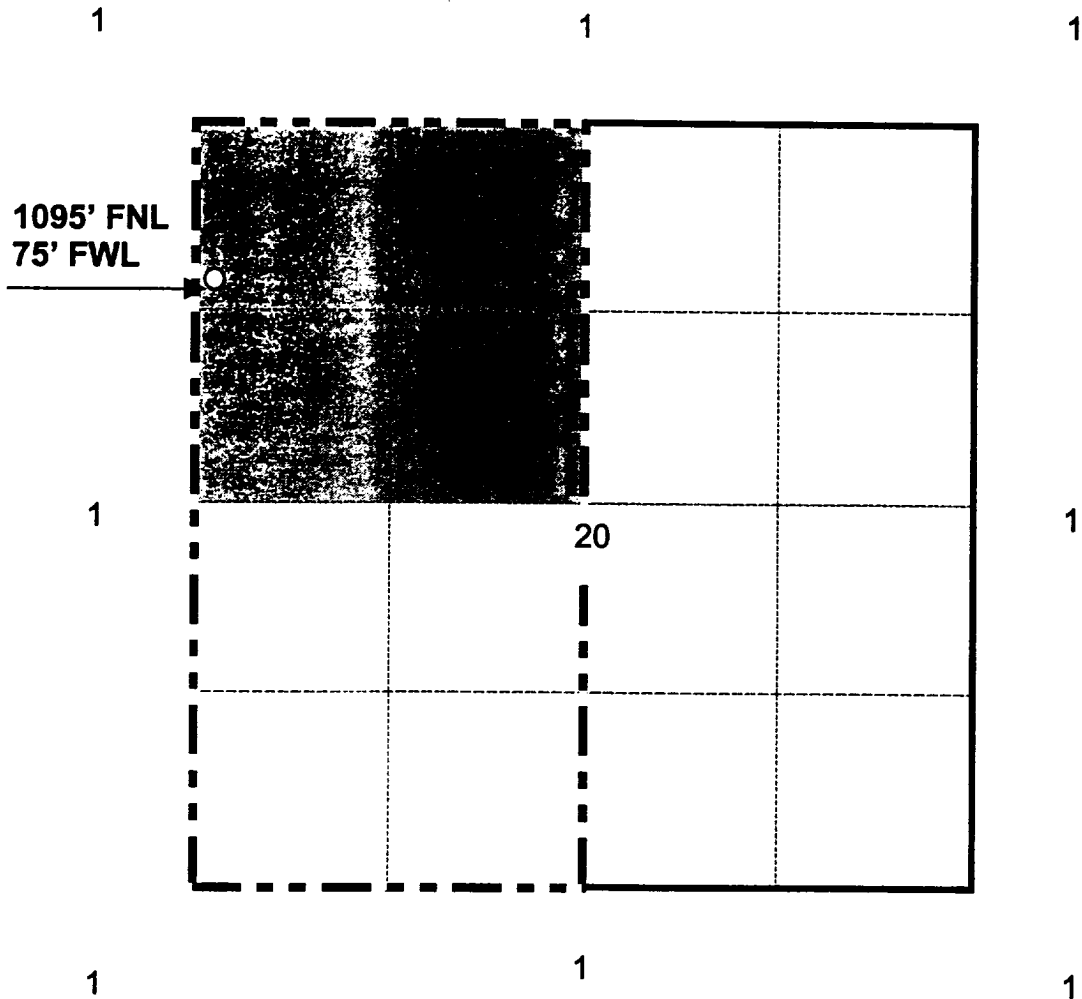


# ENERGEN RESOURCES CORPORATION

San Juan 30-4 Unit #44  
Section 20, Township 30 North - Range 4 West

OFFSET OPERATOR / OWNER PLAT

Mesa Verde/Pictured Cliffs Dual

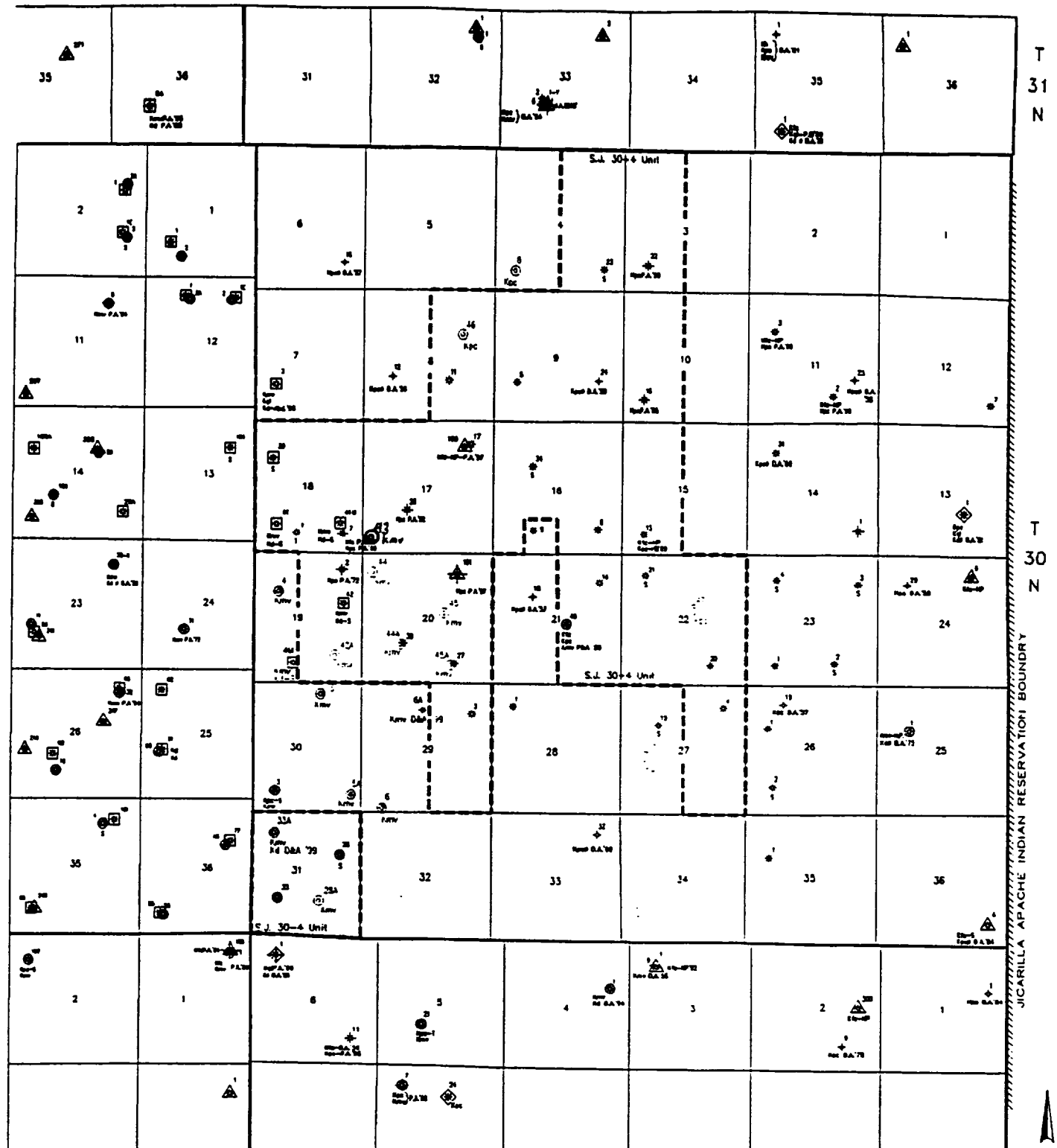


 Mesa Verde Proration Unit  
 Pictured Cliffs Proration Unit

1. Energen Resources Corp. 100%

R 5 W

R 4 W



## PRODUCING INTERVAL

- 1999 NEW DRILL  
 2000 NEW DRILL

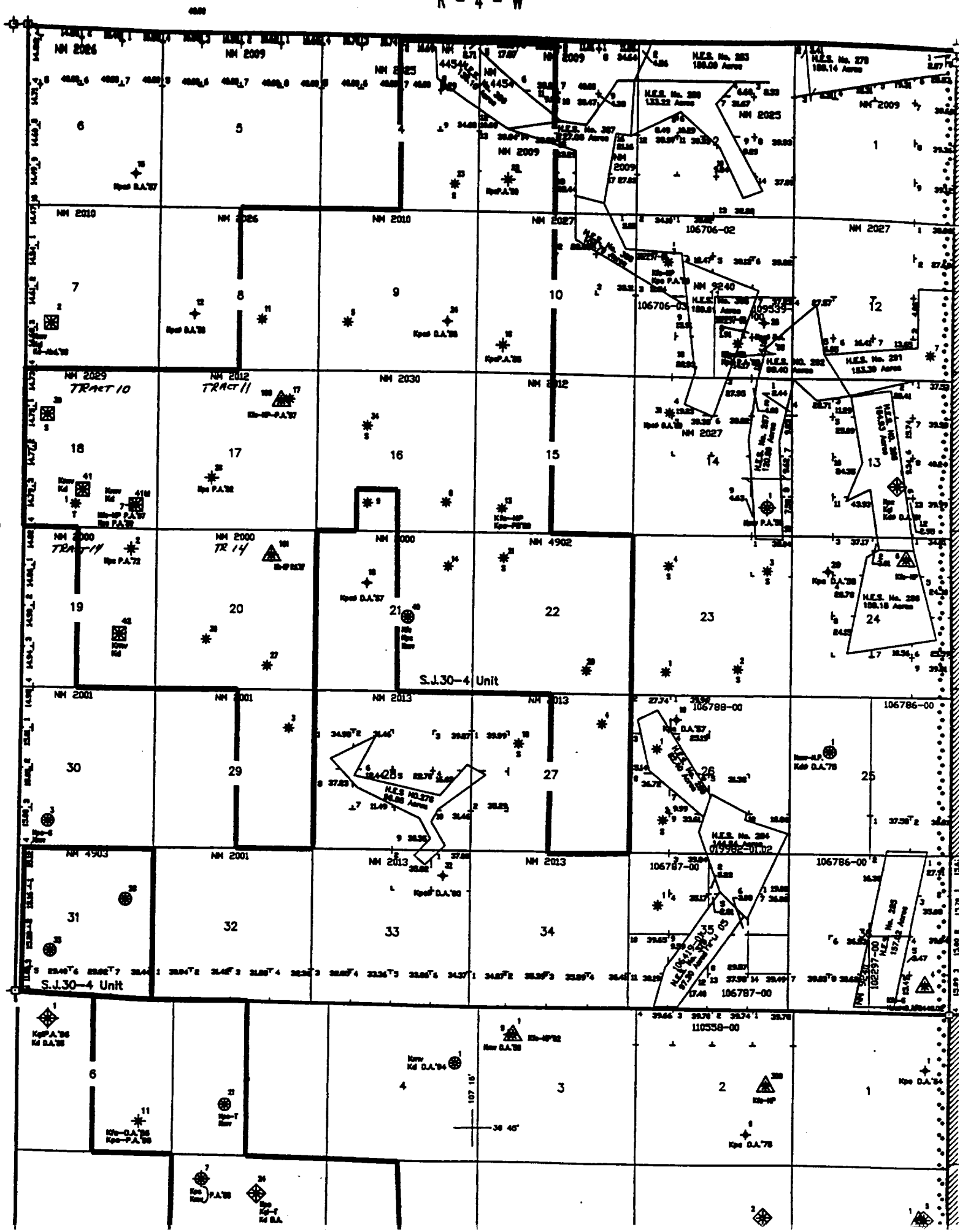
SAN JUAN 30-4 UNIT BOUNDARY

- |   |                                       |   |  |   |
|---|---------------------------------------|---|--|---|
| SAN JOSE/MAC.<br>OJO ALAMO<br>KIRTLAND<br>FRUITLAND<br>FRUITLAND<br>PICTURED CLIFFS | Tej<br>Tr<br>Kls<br>Kfs<br>Kfc<br>Kpc | CHACRA<br>MESA VERDE<br>GALLUP<br>DAKOTA<br>PRODUCTION BELOW CRETACEOUS | Kc<br>Kch<br>Kkm<br>Kpl<br>Kgl<br>Kd<br>Ja<br>Pc<br>Pdc<br>M | CLIFFHOUSE<br>MENEFEE<br>POINT LOOKOUT<br>TOOTIE<br>GREENHORN<br>ENTRADA PARADOX<br>BARKER CREEK<br>LEADVILLE |
|---|---------------------------------------|---|--|---|

RIO ARRIBA CO., NEW MEXICO  
 SAN JUAN 30-4 UNIT

DECEMBER, 1999 SCALE: 1" = 6000'

FILE: \SHARED\AUTOCAD\RC30-4-99





RECAPITULATION FOR: SAN JUAN 30-4 UNIT

TRACT#	ACREAGE	ACREAGE COMMITTED			ACREAGE NON-COMMITTED		
		FEDERAL	STATE	FEE	TOTAL	FEDERAL	STATE
002	291.05	291.05			291.05		
003	252.40	252.40			252.40		
004	320.00	320.00			320.00		
005	640.00	640.00			640.00		
006	320.00	320.00			320.00		
009	600.00	600.00			600.00		
010	539.04	539.04			539.04		
011	960.00	960.00			960.00		
012	320.00	320.00			320.00		
013	640.00	640.00			640.00		
014	1280.00	1280.00			1280.00		
015	506.24	506.24			506.24		
016	320.00	320.00			320.00		
021	11.04			11.04	11.04		
024A	128.90			128.90	128.90		
		6988.73		139.94	7128.67		

UNIT REMARKS

TRACTS 1,7,17,18,19,20,22,23,24 HAVE BEEN  
 COMPLETELY ELIMINATED FROM THE UNIT. 10,772.79  
 ACRES HAVE BEEN ELIMINATED FROM THE EXISTING  
 TRACTS (2,3,4,5,6,9,11,12,14,16,21 & 24A) IN THE  
 UNIT.