

San Juan 30-4 Unit #43

3/6/00	3/27/00	MS	KV	NSL
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ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Engineering Bureau -

**ADMINISTRATIVE APPLICATION COVERSHEET**

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

**Application Acronyms:**

- [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
- [DD-Directional Drilling] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

SAN JUAN 30-4 UNIT #43

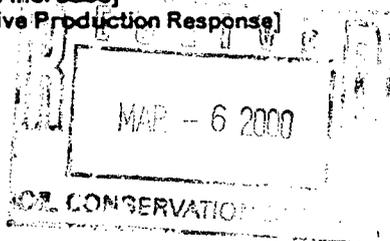
**[1] TYPE OF APPLICATION - Check Those Which Apply for [A]**

- [A] Location - Spacing Unit - Directional Drilling  
 NSL    NSP    DD    SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement  
 DHC    CTB    PLC    PC    OLS    OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 WFX    PMX    SWD    IPI    EOR    PPR



**[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or  Does Not Apply**

- [A]  Working, Royalty or Overriding Royalty Interest Owners
- [B]  Offset Operators, Leaseholders or Surface Owner
- [C]  Application is One Which Requires Published Legal Notice
- [D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E]  For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F]  Waivers are Attached

**[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding**

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Richard Corcoran  
 Print or Type Name

Richard Corcoran  
 Signature

District Landman  
 Title

March 3, 2000  
 Date



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:

<b>Well Name</b>	<b>Location</b>
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

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  
Page 2

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



United States  
Department of  
Agriculture

Forest  
Service

Southwestern Region 3  
Carson National Forest  
Jicarilla Ranger District

664 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 S. Catron*

Mark Catron  
District Ranger



Caring for the Land and Serving People

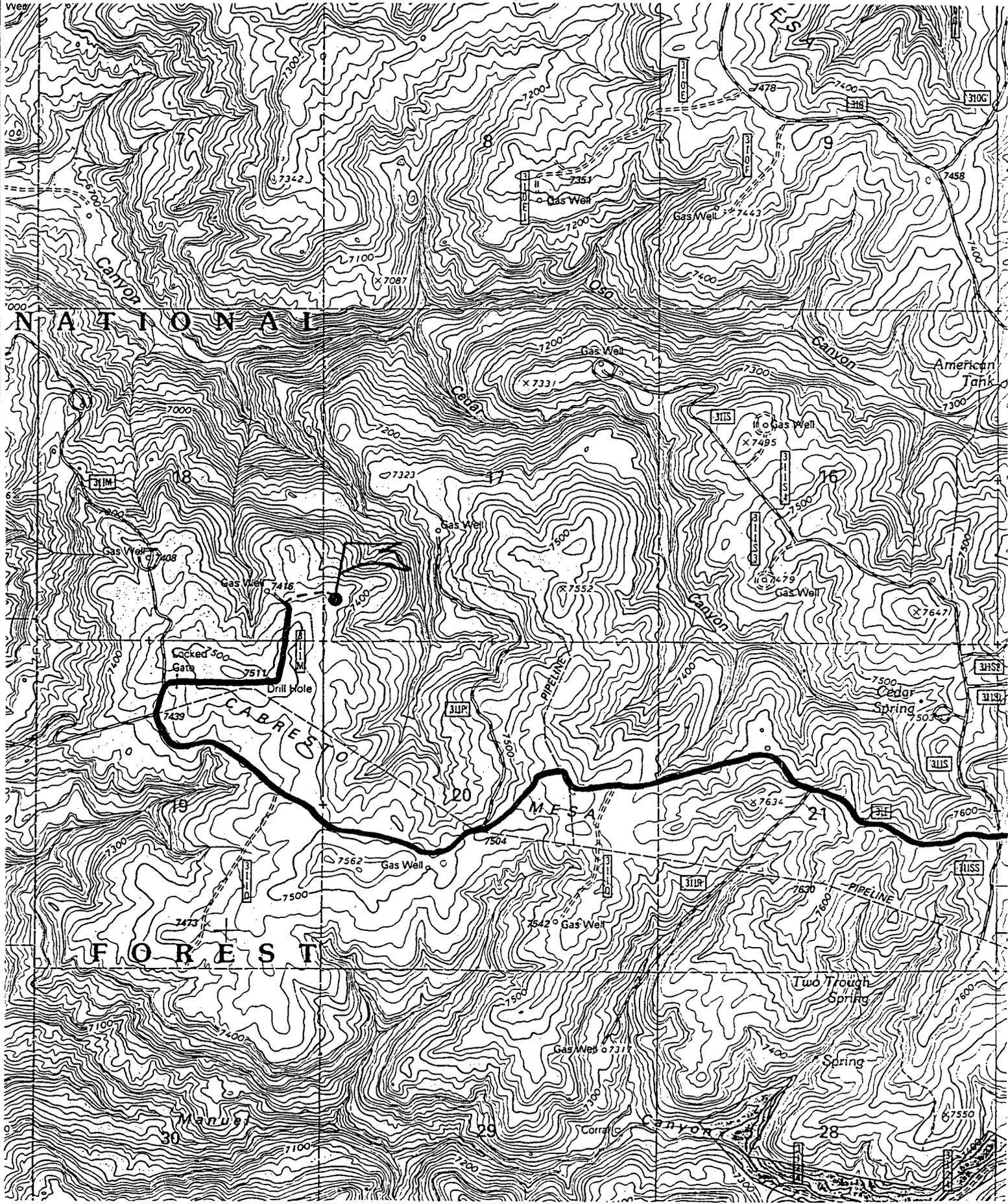
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ENERGEN RESOURCES CORPORATION SAN JUAN 30-4 UNIT #43

660' FSL & 140' FWL, SECTION 17, T30N, R4W, N.M.P.M.  
RIO ARriba COUNTY, NEW MEXICO

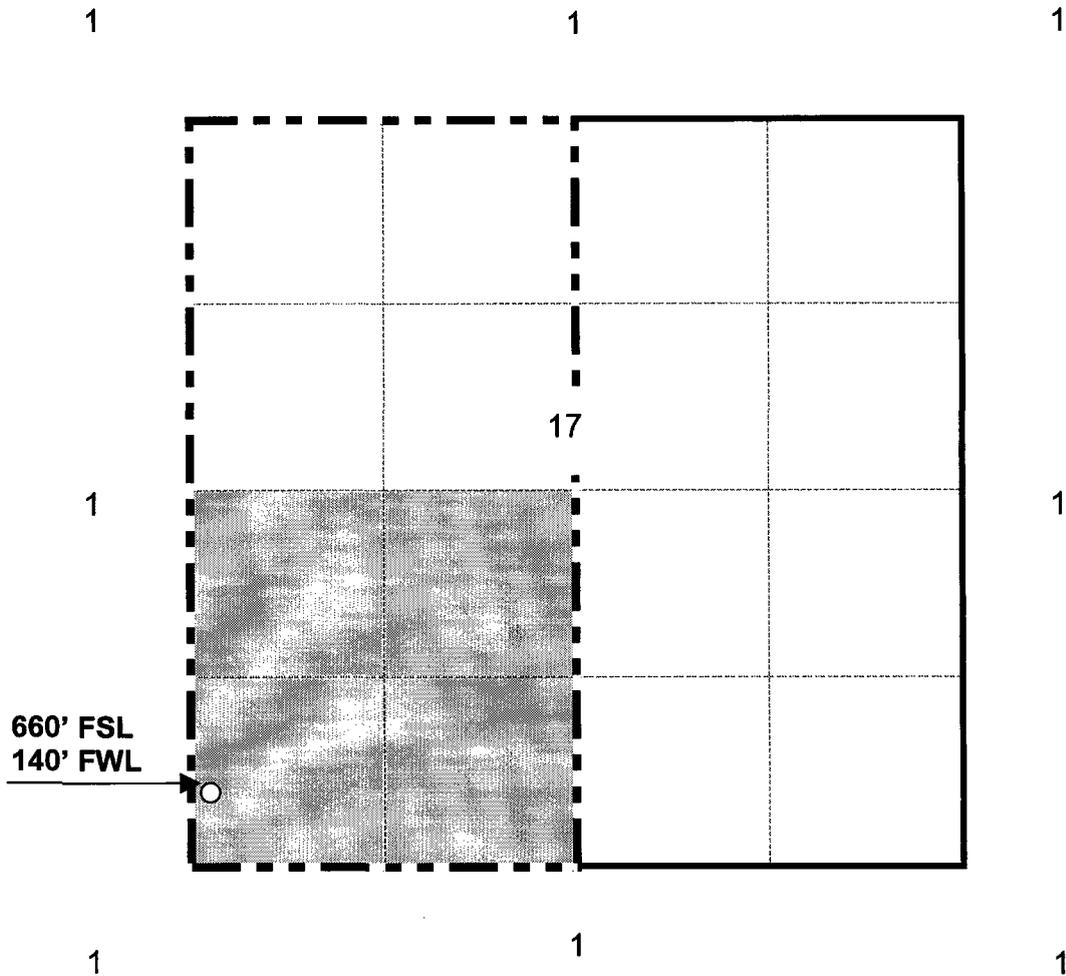


# ENERGEN RESOURCES CORPORATION

San Juan 30-4 Unit #43  
Section 17, 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%

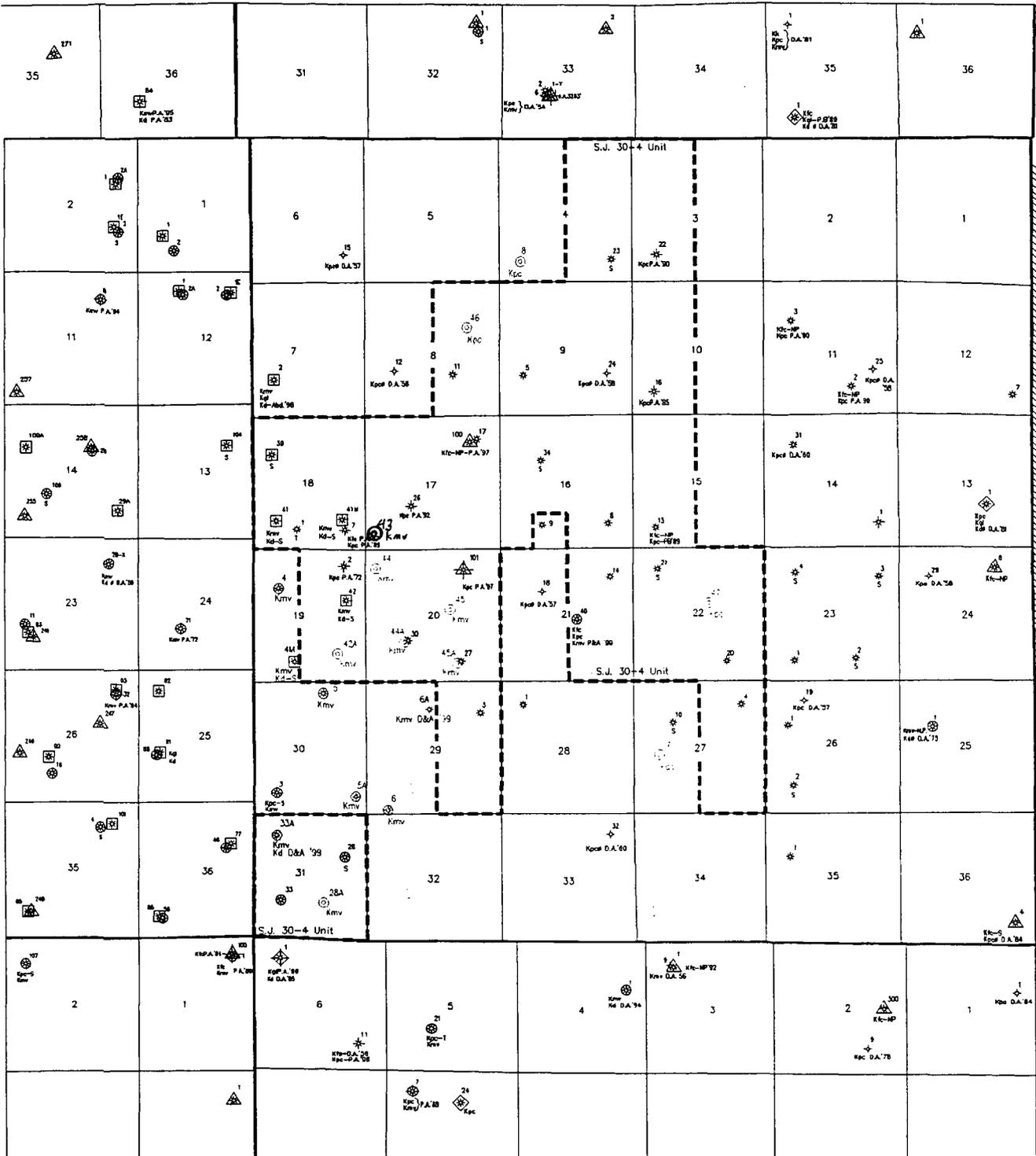
R 5 W

R 4 W

T 31 N

T 30 N

JICARILLA APACHE INDIAN RESERVATION BOUNDARY



PRODUCING INTERVAL

- ⊕ 1999 NEW DRILL
- ⊙ 2000 NEW DRILL

----- SAN JUAN 30-4 UNIT BOUNDARY

- |                   |     |                               |  |
|-------------------|-----|-------------------------------|--|
| ○ SAN JOSE/NAC.   | Tsj | ⊗ CHACRA                      | Kc                                     |
| ⊙ OJO ALAMO       | Toa | ⊗ MESAVERDE                   | Kch                                    |
| ⊙ KIRTLAND        | Kk  | ⊗ GALLUP                      | Kmv                                    |
| ⊙ FRUITLAND       | Kfs | ⊗ DAKOTA                      | Kt                                     |
| ⊙ FRUITLAND       | Kfc | ⊗ PRODUCTION BELOW CRETACEOUS | Kgn                                    |
| ⊙ PICTURED CLIFFS | Kpc |                               | Kd                                     |
|                   |     |                               | Je                                     |
|                   |     |                               | Pc                                     |
|                   |     |                               | Pbc                                    |
|                   |     |                               | MI                                     |
|                   |     |                               | ENTRADA PARADOX BARKER CREEK LEADVILLE |

**ENERGEN**  
RESOURCES

ENERGEN RESOURCES CORPORATION  
200 WEST WASHINGTON STREET  
DENVER, COLORADO 80202

**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  
 =====

TRCT#	ACREAGE	ACREAGE COMMITTED			ACREAGE NON-COMMITTED				
		FEDERAL	STATE	FEE	TOTAL	FEDERAL	STATE	FEE	TOTAL
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.