

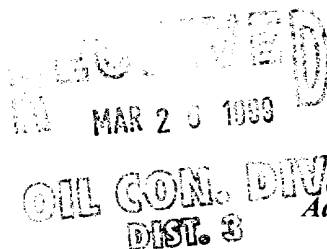


NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

March 25, 1999

Energen Resources Corporation  
2198 Bloomfield Highway  
Farmington, New Mexico 87401  
Attention: Richard Corcoran



AMENDED

Administrative Order NSL-293-A

Dear Mr. Corcoran:

Reference is made to your application dated March 5, 1999 to amend Division Administrative Order NSL-293-A, dated November 16, 1998, by seeking 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 E/2 of Section 27, Township 32 North, Range 6 West, NMPM, Rio Arriba County, New Mexico is to be dedicated to the proposed well in order to form a standard 320-acre gas spacing and proration unit for the Basin-Dakota Pool.

This 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 27 is hereby approved:

**San Juan "32-5" Unit Well No. 8-R**

**2075' FNL & 145' FEL (Unit H). — 27-32N-6W**

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.

The original Division Administrative Order NSL-293-A, dated November 16, 1998, shall be placed in abeyance until further notice.

Sincerely,

Lori Wrotenbery  
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Aztec  
U. S. Bureau of Land Management - Farmington  
U. S. Bureau of Reclamation - Durango, Colorado  
File: NSL-293  
NSL-293-A



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

March 8, 1999

Energen Resources Corporation  
2198 Bloomfield Highway  
Farmington, New Mexico 87401

RECEIVED  
MAR 10 1999  
OIL CON. DIV.  
DIST. 3

Attention: Richard Corcoran

Re: *Administrative application dated March 4, 1999 for Energen Resources Corporation's San Juan "32-5" Unit Well No. 8-R to be drilled at an unorthodox gas well location 2075 feet from the North line and 145 feet from the East line (Unit H) of Section of 27, Township 32 North, Range 6 West, NMPM, Basin-Dakota and Blanco-Mesaverde Pools, Rio Arriba County, New Mexico.*

Dear Mr. Corcoran:

In reviewing your application that was submitted to the Division on March 5, 1999, the Blanco-Mesaverde portion of this application appears to be unnecessary pursuant to the new pool rules for the Blanco-Mesaverde Pool established by Division Order No. R-10987-A, issued in Case No. 12069 and dated February 1, 1999 (see copy attached). I will therefore review your application and issue an order, if appropriate, for the Basin-Dakota Pool. Should my assumption be incorrect please provide me with a proper explanation and I will include the Blanco-Mesaverde Pool.

Sincerely,

A handwritten signature in black ink, reading "Michael E. Stogner", followed by a long horizontal line.

Michael E. Stogner  
Chief Hearing Officer/Engineer

LW/MES/kv

cc: New Mexico Oil Conservation Division - Aztec  
U. S. Bureau of Land Management - Farmington

March 4, 1999

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

RECEIVED  
MAR - 5 1999  
OIL CON. DIV.  
DIST. 3

RE: Administrative Approval of Unorthodox Location  
San Juan 32-5 Unit #8R Well - Amended Location  
2,075' FNL and 145' FEL, Section 27, T32N-R6W  
Mesa Verde/Dakota Commingle  
Rio Arriba County, New Mexico

Dear Mr. Stogner:

Reference is made to our application dated October 21, 1998 approved by your office November 16, 1998 as Administrative Order NSL-293-A, allowing for an exception to location requirements of the Blanco Mesa Verde and the Basin Dakota pools as set out by Division Order R-10987. Order NSL-293-A provided for the San Juan 32-5 Unit #8R well to be drilled at an unorthodox location, 920' FNL and 775' FEL of Section 27, T32N-R6W, Rio Arriba County, New Mexico (copy enclosed).

Due to geologic conditions and environmental impact, we need to request a new location. The previously requested location was the site of the San Juan 32-5 Unit #15A (Dakota), and the #8 well (Mesa Verde). The primary objective of our proposed well is the Point Lookout Sandstone which is poorly developed, at the approved location, as is evidenced by the attached Isopac maps A, B, C and Mesa Verde EUR map. We expect to encounter better reservoir to the south at our new proposed location.

The Dakota formation is a secondary objective and was completed in the San Juan 32-5 Unit #8 well, resulting in poor production with a total of 159 MMCF produced over the life of the well (see attached EUR map). Moving south to our newly proposed location, we expect the reservoir to be better and the pay zone to increase.

In addition, both the Bureau of Land Management and the Bureau of Reclamation support the move, as it will result in a location approximately 1,000 feet higher than the high water line of Navajo Lake and will be out of sight of the lake.

--	--	--	--	--

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]

**[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**

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, U, 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

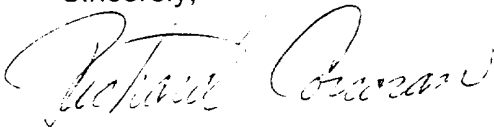
DISTRICT MANAGER 3-4-99

For the foregoing reasons, we respectfully request administrative approval of an unorthodox location 2,075' FNL and 145' FEL of Section 27, T32N-R6W, NMPM for our San Juan 32-5 Unit #8R well.

The offset operators will be furnished with a copy of the correspondence.

We apologize for any inconvenience this may have caused and thank you for your consideration in this matter.

Sincerely,

A handwritten signature in cursive script, appearing to read "Richard Corcoran".

Richard Corcoran  
District Landman

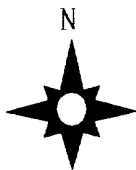
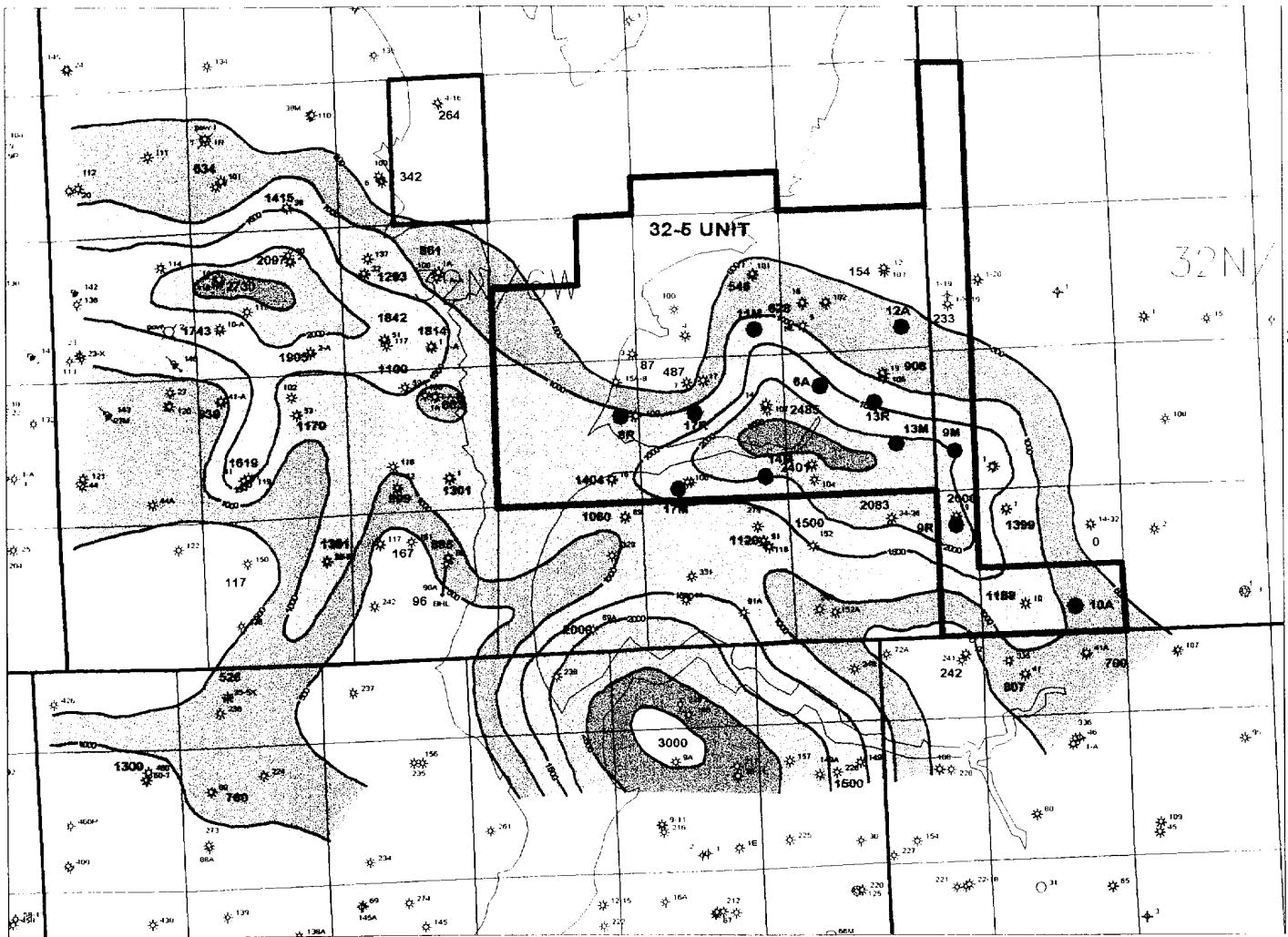
Attachment

RC:tm

Enclosures

R 6 W

R 5 W



LEGEND

- 1998 NEW DRILLS
- 1999 NEW DRILLS

ENERGEN RESOURCES

SAN JUAN 32-5 UNIT  
GEOLOGY: G. JENNINGS

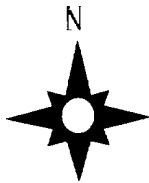
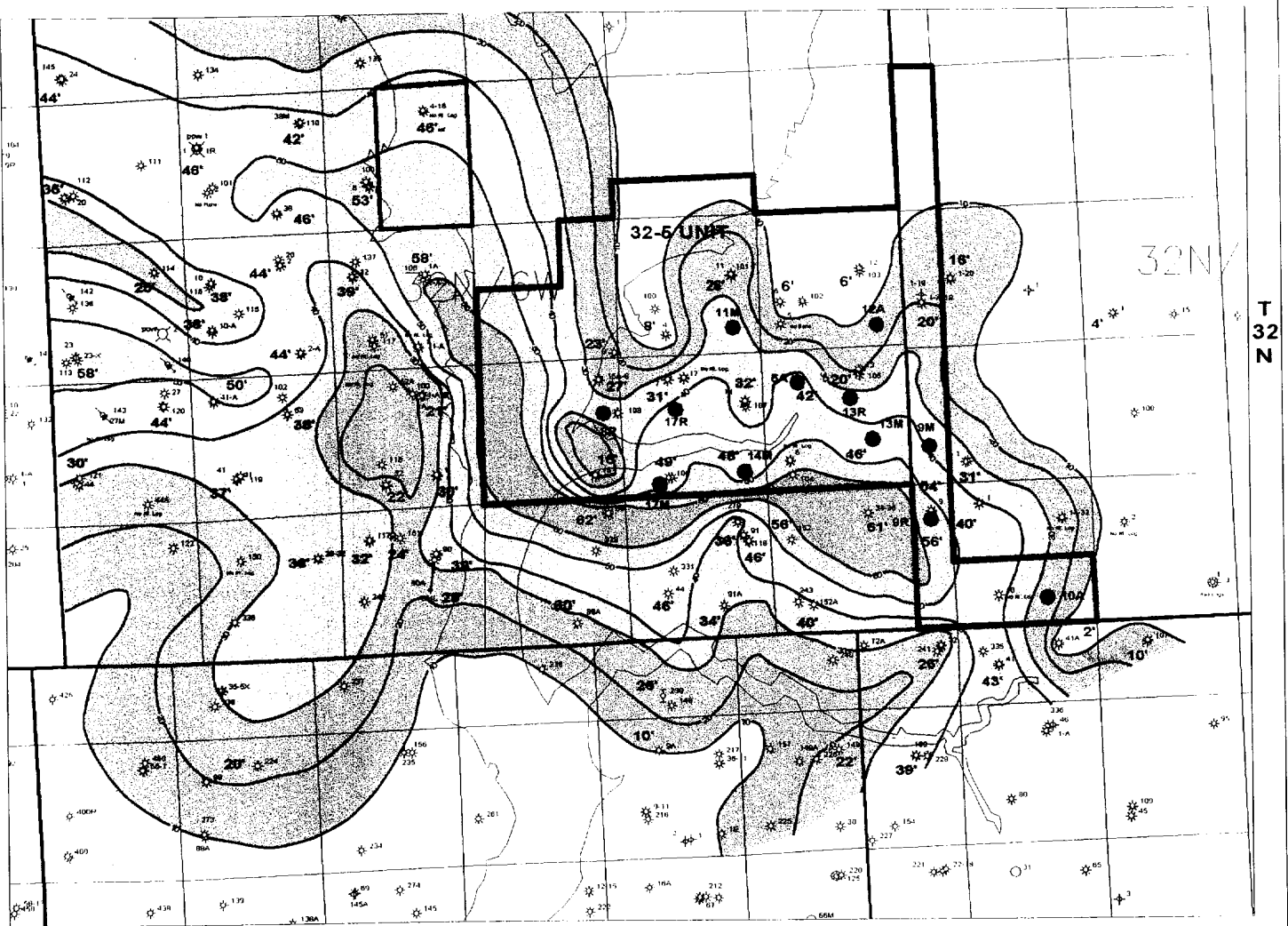
rtlestar		1/13/99
bk5me.gpf	Scale: 1:75000.	

**Mesaverde EUR**

**32-5 Unit**  
(mmcf)

R 6 W

R 5 W



## LEGEND

- 1998 NEW DRILLS
- 1999 NEW DRILLS

## ENERGEN RESOURCES

SAN JUAN BASIN  
GEOLOGY: G. JENNINGS  
SAN JUAN BASIN PROJECT

rlleonor		1/12/99
bk5mtr.gpf	Scale: 1:75000	

# Point Lookout

(A+B+C Zones)

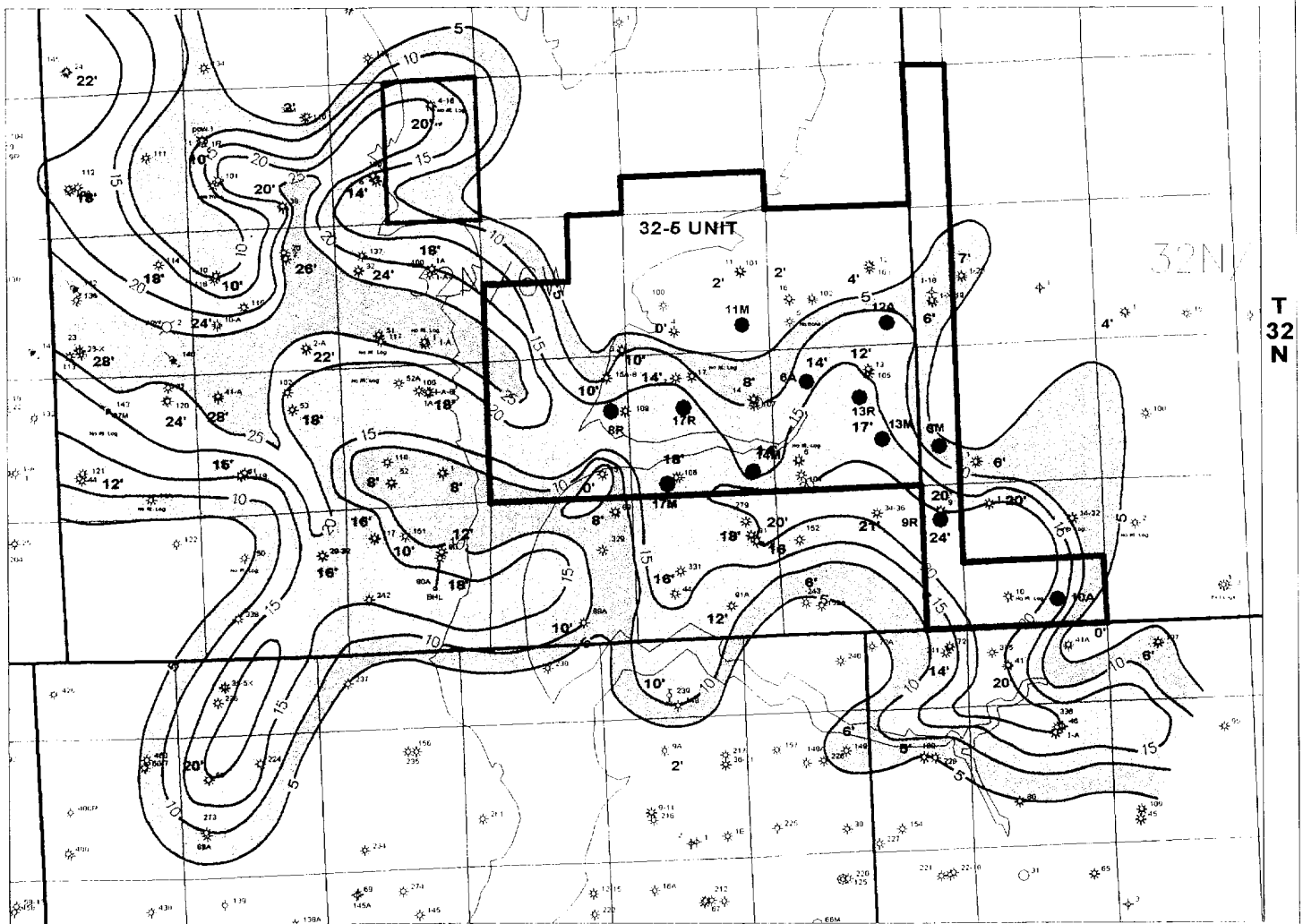
## 32-5 Unit

Net Pay Isopach

SS > 20 ohms

R 6 W

R5W



## LEGEND

- 1998 NEW DRILLS
- 1999 NEW DRILLS

## ENERGEN RESOURCES

SAN JUAN BASIN  
GEOLOGY: G JENNINGS  
SAN JUAN BASIN PROJECT

rfleenor

1/12/99

bk5man.gp

Scale: 1:75000.

# Point Lookout "A"

## 32-5 Unit

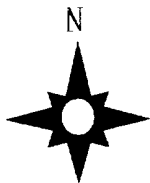
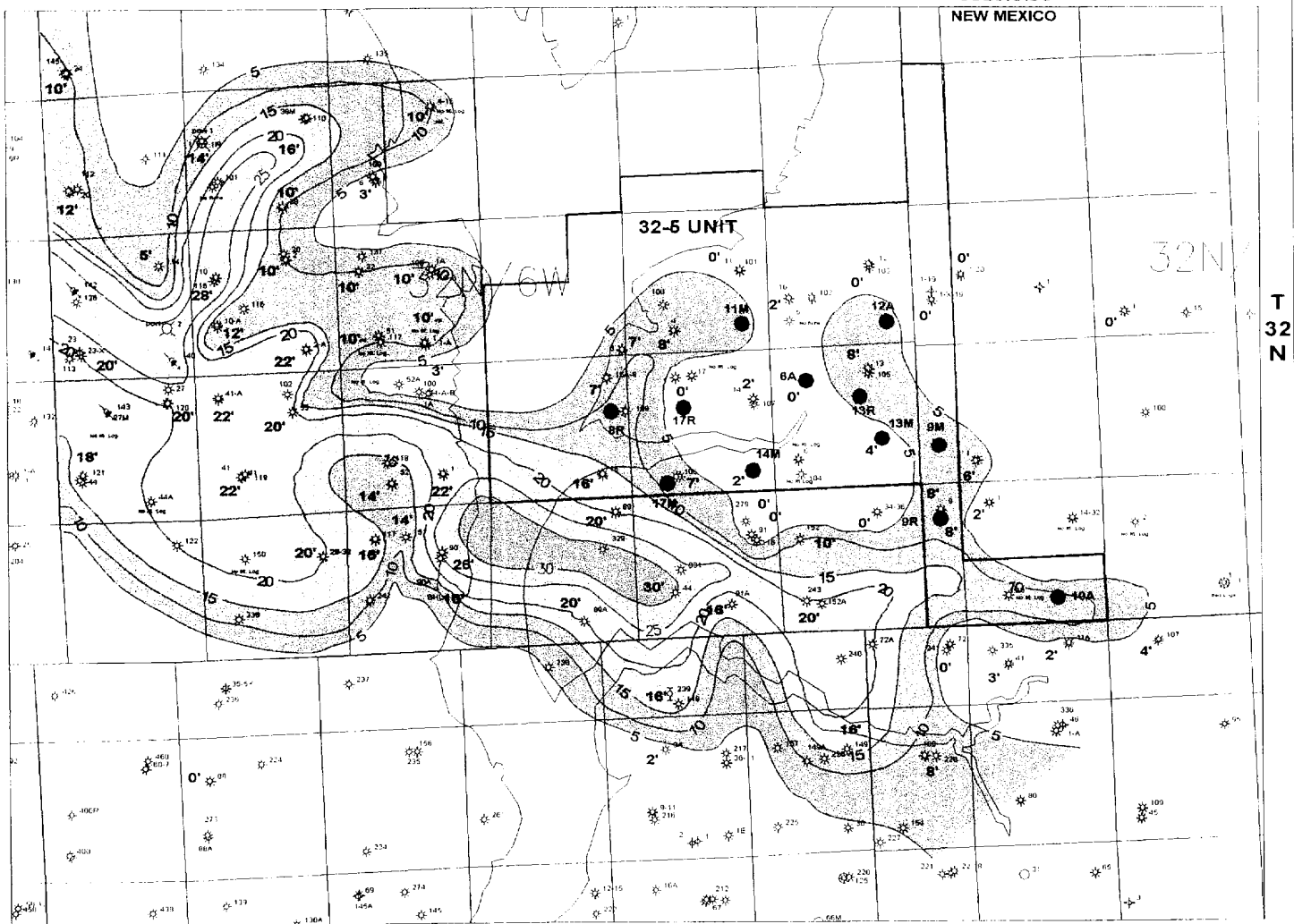
### Net Pay Isopach

#### SS > 20 ohms



R 6 W

R 5 W

COLORADO  
NEW MEXICO

## LEGEND

- 1998 NEW DRILLS
- 1999 NEW DRILLS

## ENERGEN RESOURCES

SAN JUAN BASIN  
GEOLOGY: G JENNINGS  
SAN JUAN BASIN PROJECT

rtf/ener

bk5mtrngpl

1/12/99

Scale: 1:75000

## Point Lookout "B"

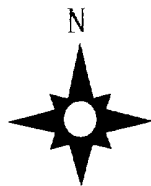
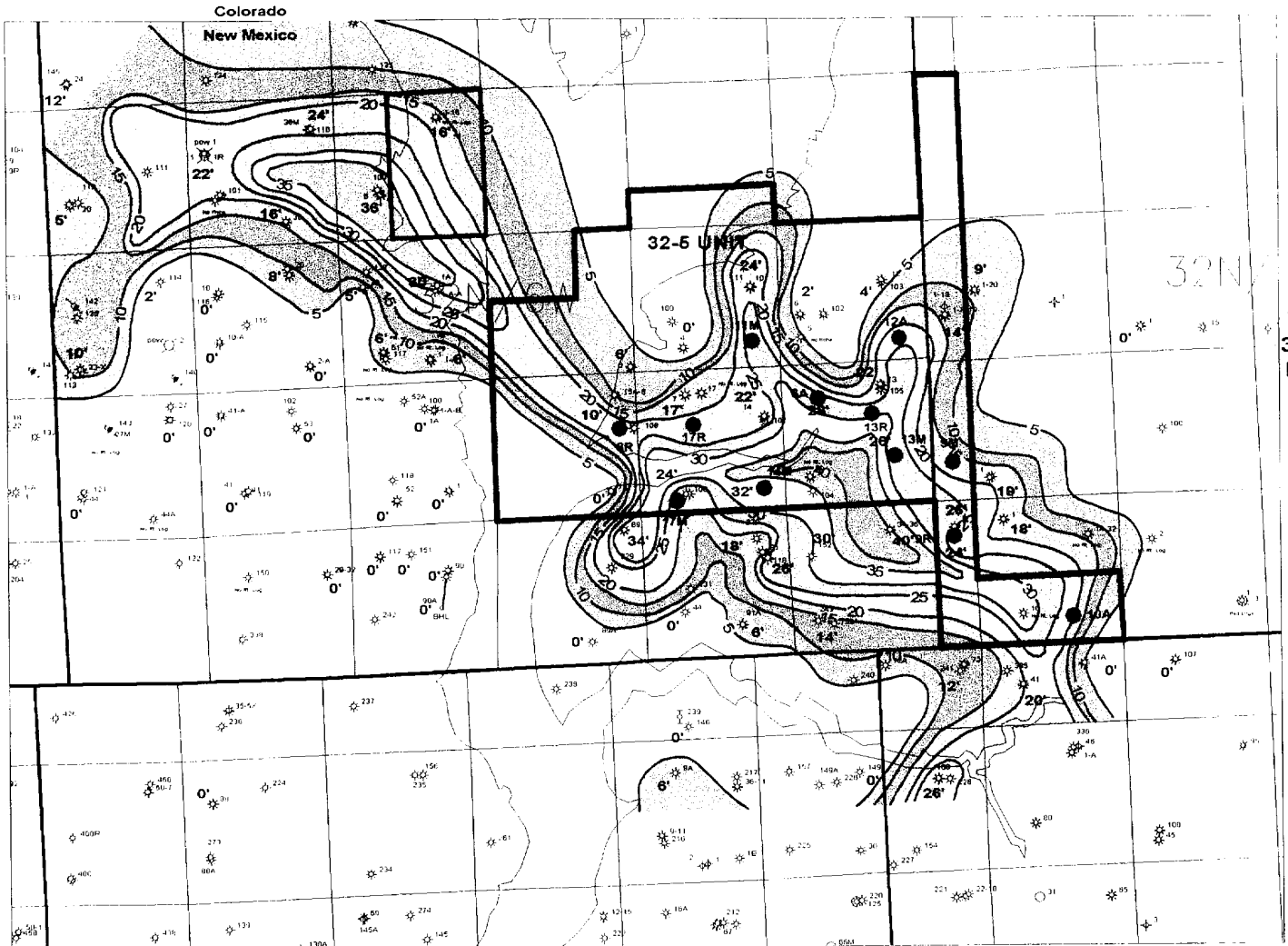
## 32-5 Unit

Net Pay Isopach

SS &gt; 20 ohms

R 6 W

R5W



LEGEND

- 1998 NEW DRILLS
- 1999 NEW DRILLS

ENERGEN RESOURCES

SAN JUAN BASIN  
GEOLOGY: G JENNINGS  
SAN JUAN BASIN PROJECT

rfleonor		1/12/99
bx5mrcn.gpf	Scale: 1:75000	

**Point Lookout "C"**

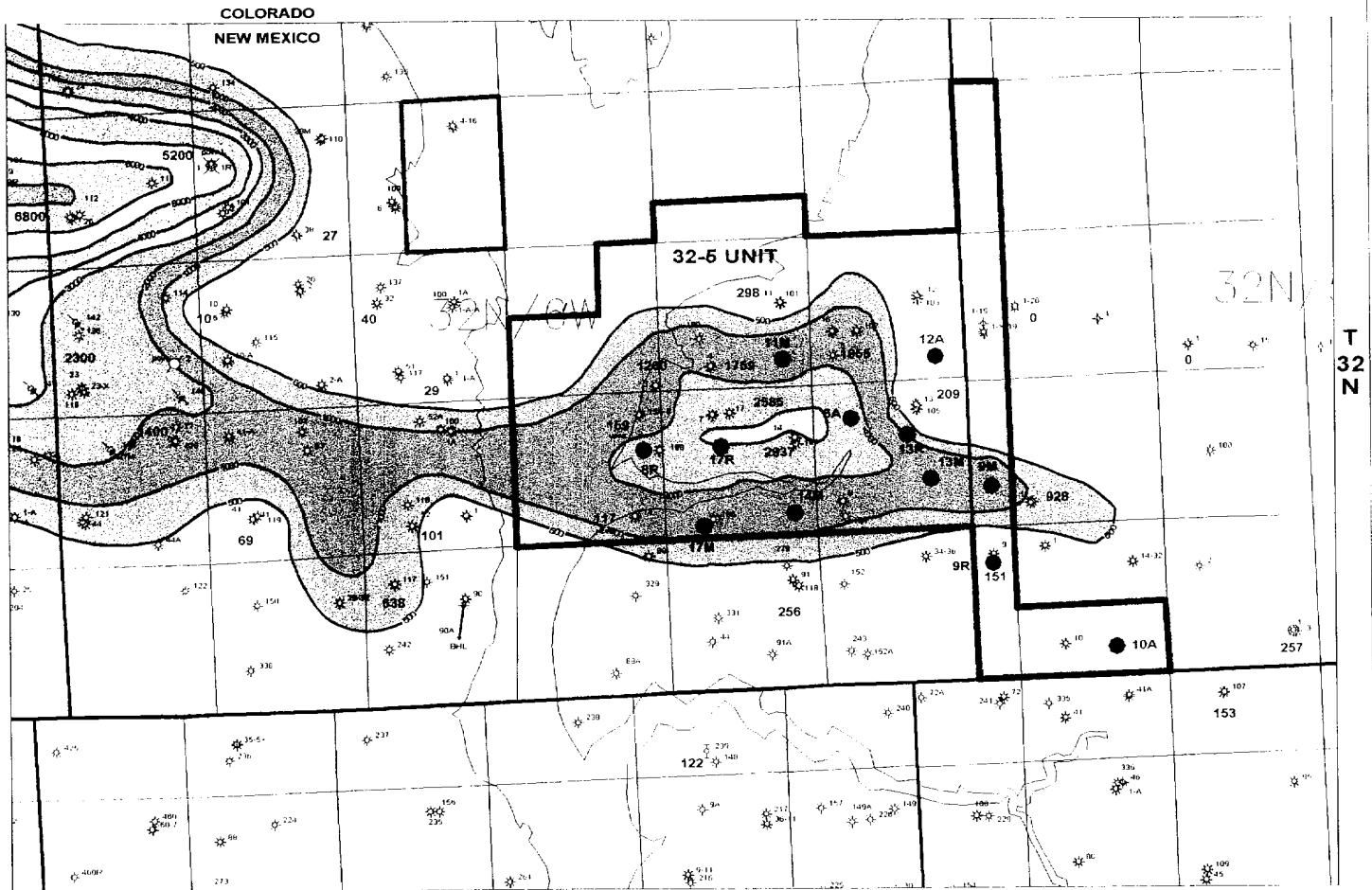
**32-5 Unit**

**Net Pay Isopach**

**SS> 20 ohms**

R 6 W

R 5 W



LEGEND

- 1998 NEW DRILLS
- 1999 NEW DRILLS

ENERGEN RESOURCES

SAN JUAN 32-5 UNIT  
GEOLOGY: G. JENNINGS

rt/tesnor		Notes
bkSe.gpd	Scale: 1:75000	

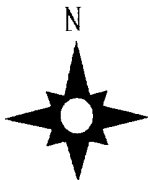
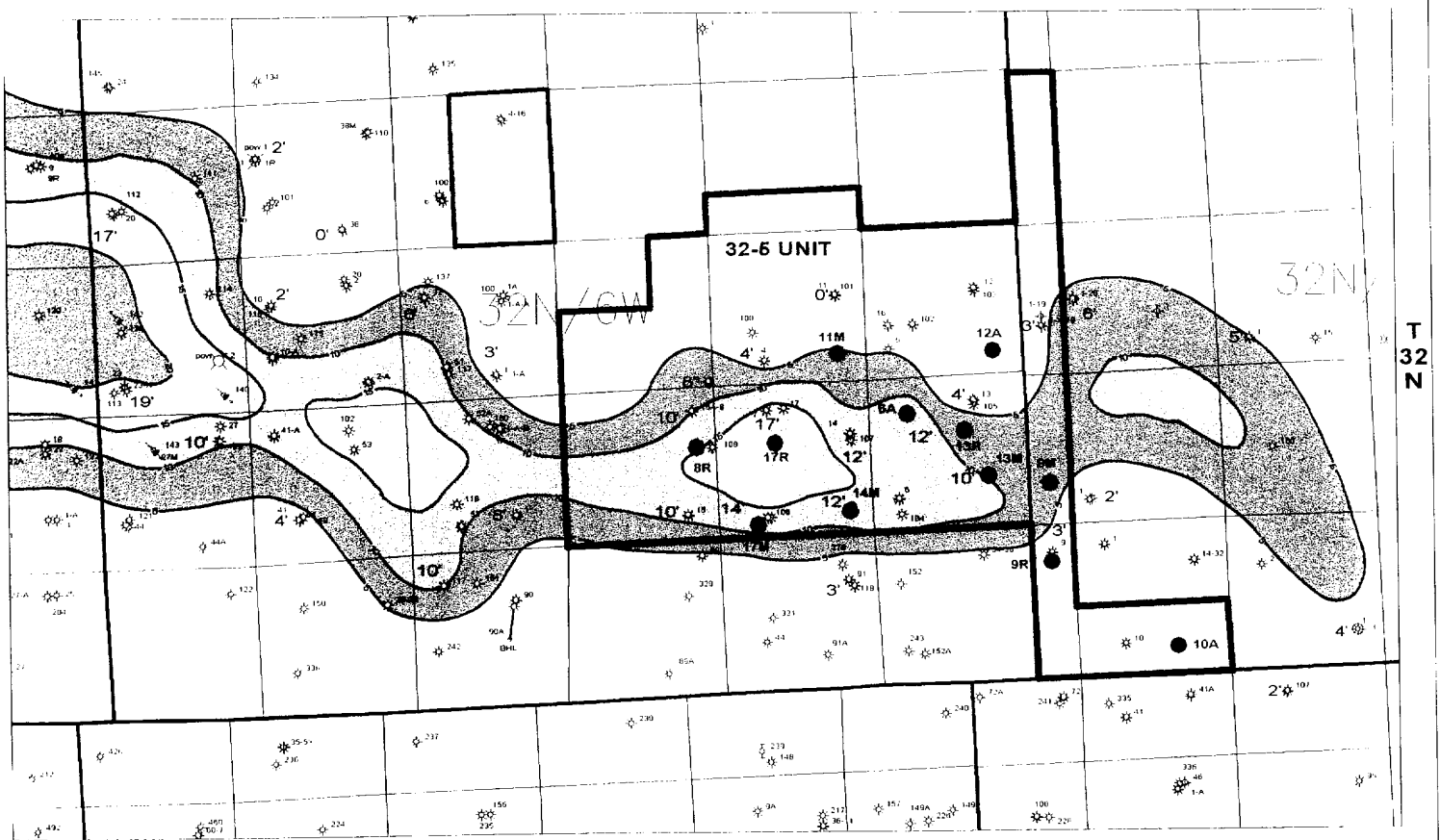
# DAKOTA EUR

## 32-5 UNIT

(MMCF)

R 6 W

R 5 W



## LEGEND

- 1998 NEW DRILLS
- 1999 NEW DRILLS

## ENERGEN RESOURCES

SAN JUAN 32-5 UNIT  
GEOLOGY: G. JENNINGS

rfleensr		1/12/99
bk5don.qpf	Scale: 1:75000	

DAKOTA "A"

32-5 UNIT

Net Pay Isopach

SS &gt; 40 OHMS

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

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> AIT Number	<sup>2</sup> Pool Code 72329/71599	<sup>3</sup> Pool Name Blanco Mesaverde/Basin Dakota
<sup>4</sup> Property Code	<sup>5</sup> Property Name SAN JUAN 32-5	<sup>6</sup> Well Number 8R
<sup>7</sup> OGRID No. 162928	<sup>8</sup> Operator Name ENERGEN RESOURCES, INC.	<sup>9</sup> Elevation 6413'

<sup>10</sup> Surface Location

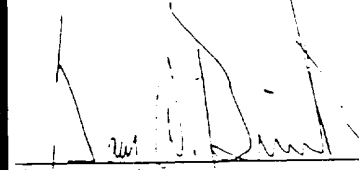
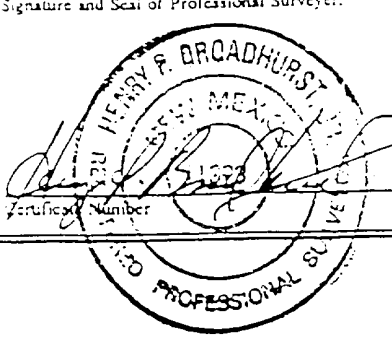
U.I. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	27	32N	6W		2075'	NORTH	145'	EAST	RIO ARRIBA

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

U.I. 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 320/320	<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

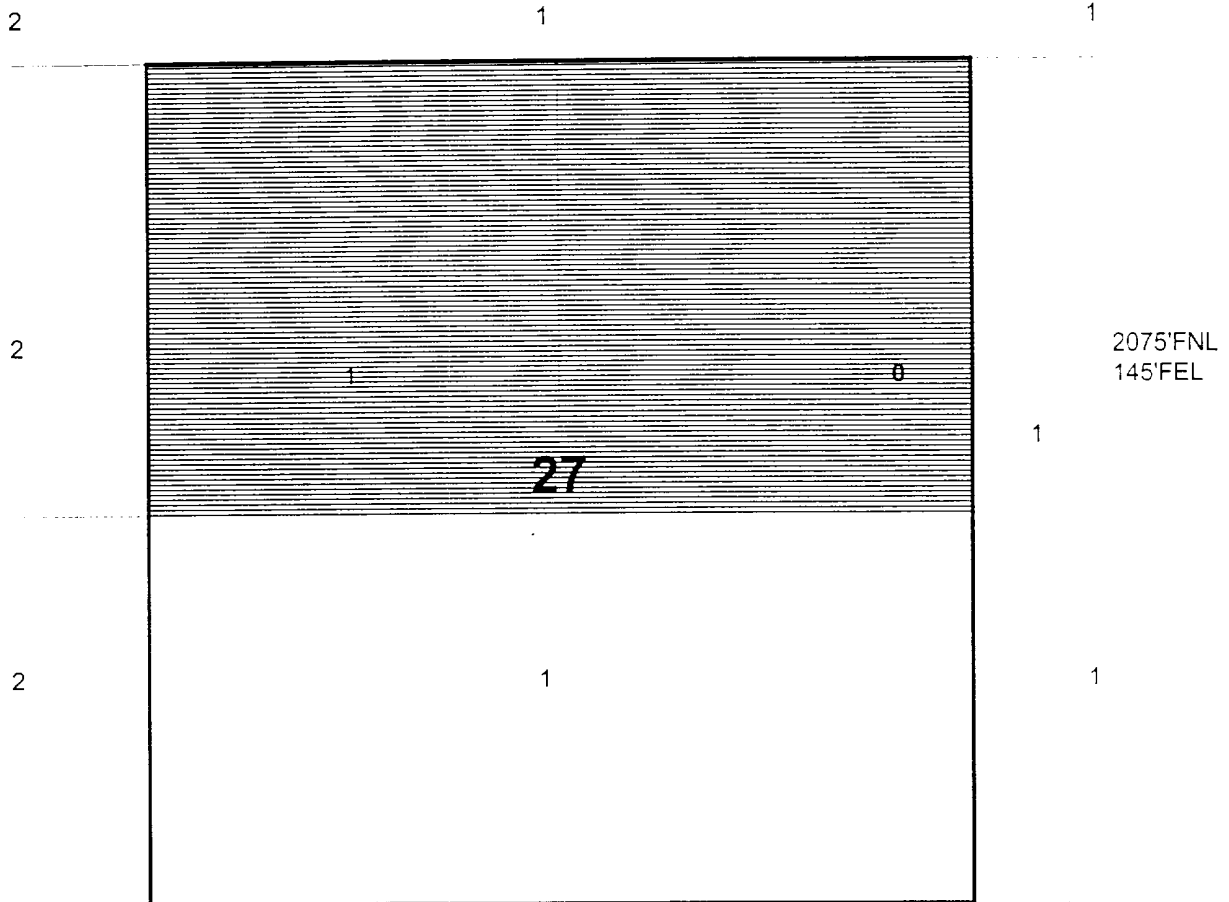
S89°47'W 2683.56' S89°53'W 2681.58' 2075' 145' Section 27	<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature: Gary W. Brink Printed Name: Production Superintendent Title: 2/18/99 Date:	
	<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. 12/02/98 Date of Survey Signature and Seal of Professional Surveyor:  Verification Number:	
N00°16'E S87°40'W 2663.10'	N89°37'W 2845.26'	

RECEIVED  
 MAR - 5 1999  
 OIL CON. DIV.  
 DIST. 3

# ENERGEN RESOURCES CORPORATION

San Juan 32-5 Unit #8R  
OFFSET OPERATOR \ OWNER PLAT  
Commingle Dakota \ Mesa Verde Formations

DAKOTA N/2 SPACING  
Township 32 North - Range 6 West

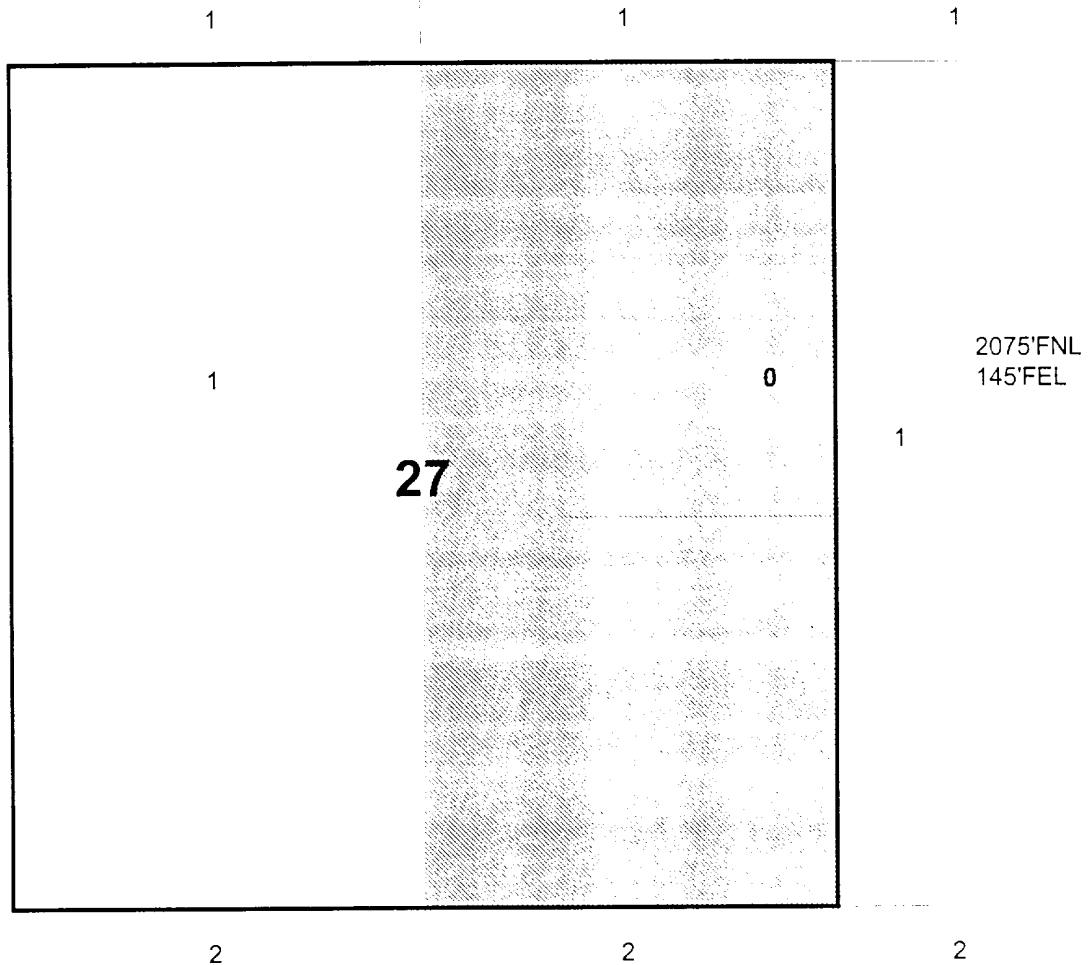


1. Taurus Exploration U S A, Inc.
2. Burlington Resources

# ENERGEN RESOURCES CORPORATION

San Juan 32-5 Unit #8R  
OFFSET OPERATOR \ OWNER PLAT  
Commingle Dakota \ Mesa Verde Formations

MESA VERDE E/2 SPACING  
Township 32 North - Range 6 West



1. Taurus Exploration U S A, Inc.
2. Williams Production Company

ENERGEN RESOURCES INC.

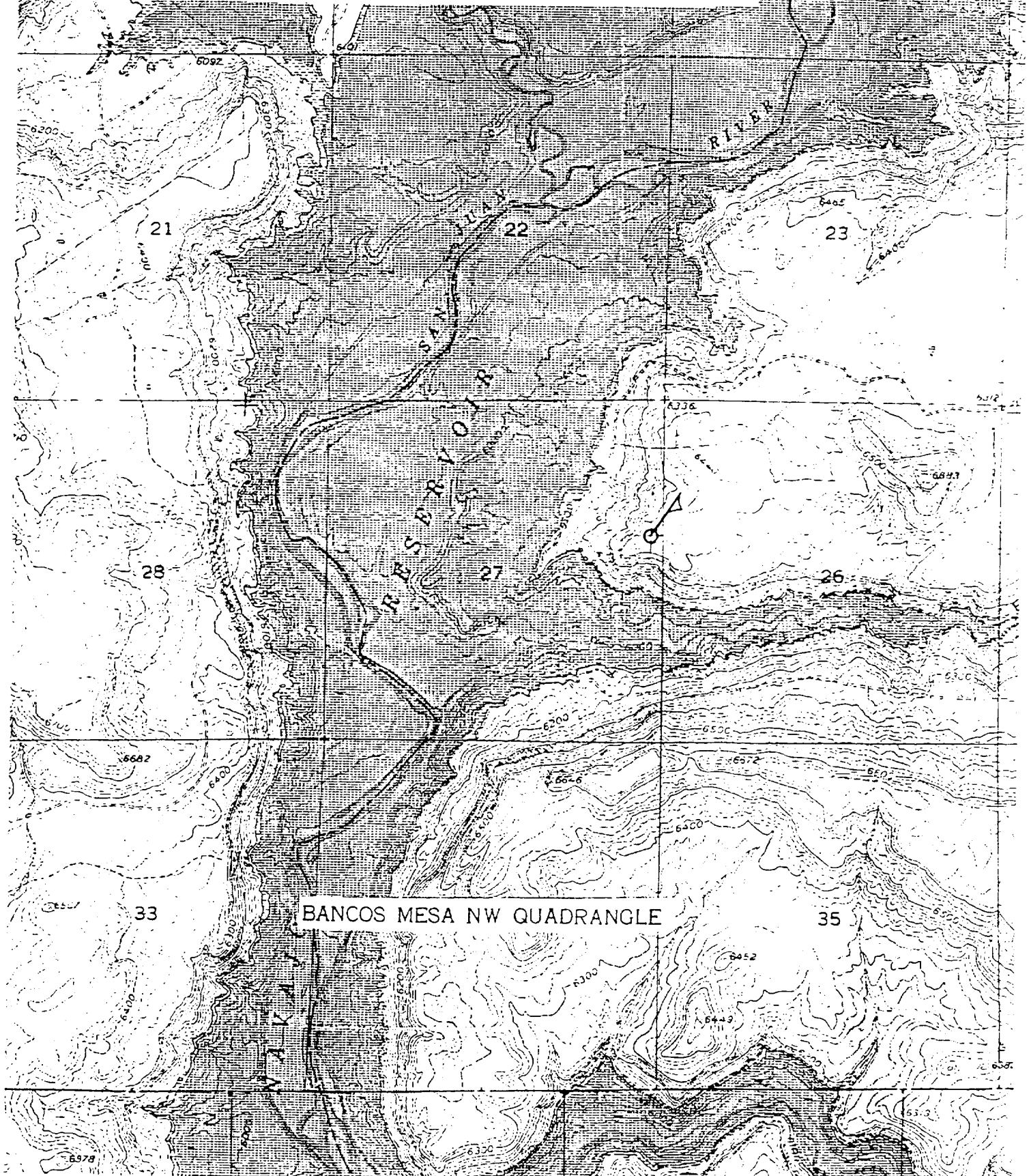
SAN JUAN 32-5 UNIT No.8R

2075' FNL, 145' FEL

NE/4 SEC.27, T-32-N, R-06-W, N.M.P.M.

RIO ARRIBA COUNTY, NEW MEXICO

GROUND LEVEL ELEVATION: 6413







March 4, 1999

Ms. Cynthia Marinella  
Williams Production Company  
One Williams Center - PO Box 3102  
Tulsa, OK 74101

RE: Administrative Approval of Unorthodox Location  
San Juan 32-5, Unit 8R Well – Amended Location  
2,075' FNL, 145' FEL  
Sec.27-T32N-R6W  
Rio Arriba County, New Mexico  
Mesa Verde/Dakota Commingle

Dear Ms. Marinella:

Energen Resources Inc. has filed with the New Mexico Oil Conservation Division (NMOCD) an application for the Administrative Approval of an Unorthodox Location for its San Juan 32-5 Unit #8R well. A copy of the application has been attached for your review.

If you have no objection to this unorthodox location, please sign the three copies of the attached waiver, return one executed copy to the NMOCD in Santa Fe, New Mexico. one copy to our office, and retain one copy for your files. Self addressed envelopes are enclosed.

Your assistance and cooperation in this matter are appreciated.

Sincerely,

A handwritten signature in cursive script, appearing to read "Richard Corcoran".

Richard Corcoran  
District Landman

RC/tm

---

WAIVER

\_\_\_\_\_ hereby waives objection to the above referenced  
Application for Unorthodox Location for Energen Resources Inc. San Juan 32-5 Unit 8R well.

Date: \_\_\_\_\_ By: \_\_\_\_\_

Cc: OCD-Aztec Office



March 4, 1999

Ms. Shannon Nichols  
Burlington Resources  
P. O. Box 4289  
Farmington, NM 87499

RE: Administrative Approval of Unorthodox Location  
San Juan 32-5, Unit 8R Well – Amended Location  
2,075' FNL, 145' FEL  
Sec.27-T32N-R6W  
Rio Arriba County, New Mexico  
Mesa Verde/Dakota Commingle

Dear Shannon:

Energen Resources Inc. has filed with the New Mexico Oil Conservation Division (NMOCD) an application for the Administrative Approval of an Unorthodox Location for its San Juan 32-5 Unit #8R well. A copy of the application has been attached for your review.

If you have no objection to this unorthodox location, please sign the three copies of the attached waiver, return one executed copy to the NMOCD in Santa Fe, New Mexico, one copy to our office, and retain one copy for your files. Self addressed envelopes are enclosed.

Your assistance and cooperation in this matter are appreciated.

Sincerely,

Richard Corcoran  
District Landman

RC/tm

---

WAIVER

\_\_\_\_\_ hereby waives objection to the above referenced  
Application for Unorthodox Location for Energen Resources Inc. San Juan 32-5 Unit 8R well.

Date: \_\_\_\_\_ By: \_\_\_\_\_

Cc: OCD-Aztec Office



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

November 16, 1998



Energen Resources Corporation  
2198 Bloomfield Highway  
Farmington, New Mexico 87401  
Attention: Richard P. Corcoran

*Administrative Order NSL-293-A*

Dear Mr. Corcoran:

Reference is made to your application dated October 21, 1998 for an exception to the well location requirements provided within the "*Special Rules and Regulations for the Blanco-Mesaverde Pool*" *Special Rules and Regulations for the Basin-Dakota Pool*," as promulgated by Division Order No. R-10987, for Energen Resources Corporation's ("Energen"), formerly Taurus Exploration U.S.A., Inc.'s, proposed San Juan "32-5" Unit Well No. 8-R to be drilled at an unorthodox gas well location in both the Blanco-Mesaverde and Basin-Dakota Pools 920 feet from the North line and 775 feet from the East line (Unit A) of Section 27, Township 32 North, Range 6 West, NMPM, Rio Arriba County, New Mexico.

Gas production from the Blanco-Mesaverde Pool in the E 2 of Section 27, being a standard 320-acre stand-up gas spacing and proration unit, is currently dedicated to Energen's: (i) San Juan "32-5" Unit Well No. 15 (API No. 30-039-07988), located at an unorthodox gas well location 865 feet from the South line and 1045 feet from the East line (Unit P) of Section 27 (approved by Division Administrative Order NSL-293, dated May 21, 1962); and, (ii) San Juan "32-5" Unit Well No. 15-A (API No. 30-039-60111), located at an unorthodox gas well location 840 feet from the North line and 735 feet from the East line (Unit A) of Section 27 (approved by Division Administrative Order NSL-256, dated June 10, 1962). It is our understanding from your application that the San Juan "32-5" Unit Well No. 15-A is to be plugged and abandoned and that the proposed San Juan "32-5" Unit Well No. 8-R is to be its replacement.

Gas production from the Basin-Dakota Pool is to be dedicated to a standard lay-down 320-acre gas spacing and proration unit comprising the N 2 of Section 27.

The application has been duly filed under the provisions of Rules 104.F and 605.B of the Rules and Regulations of the New Mexico Oil Conservation Division ("Division").


By the authority granted me under the provisions of Division Rule 104.F(2), the above-described unorthodox Blanco-Mesaverde infill gas well location and Basin-Dakota gas well location for the San Juan "32-5" Unit Well No. 8-R is hereby approved. Both of the aforementioned San Juan "32-5" Unit Well Nos. 15 and 8-R and both spacing units will be subject to all existing rules,

Administrative Order NSL-293-A  
Energen Resources Corporation  
November 16, 1998  
Page 2

---

regulations, policies, and procedures applicable to prorated gas pools in Northwest, New Mexico.

Sincerely,

A handwritten signature in cursive script, appearing to read "Lori Wrotenberg / LWS".

Lori Wrotenberg  
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Aztec  
U. S. Bureau of Land Management - Farmington  
U. S. Bureau of Reclamation - Durango  
File: NSL-256  
NSL-293



October 21, 1998

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

RE: Administrative Approval of Unorthodox Location  
San Juan 32-5, Unit 8R Well  
920' FNL, 775' FEL  
Sec.27-T32N-R6W  
Rio Arriba County, New Mexico  
Mesa Verde/Dakota Commingle

Dear Mr. Stogner:

Energen Resources Inc. requests administrative approval for an unorthodox location of it's San Juan 32-5 Unit 8R well under provisions of NMOCD Order R-8170.

A substantial portion of Sec.27 (approximately 75%) lies under the water of Navajo Lake. Much of the remaining lands of Sec. 27 are topographically rugged and leave an extremely limited area in which to locate a well.

Energen plans to plug and abandon the San Juan 32-5 Unit #15A well located 840' FNL and 735' FEL of Sec.27-T32N-R6W, and locate the subject well on the existing pad. The San Juan 32-5 Unit #15A was originally drilled in July 1961 as a Dakota well and called the San Juan 32-5 Unit #8 well. It was plugged back in 1977 to the Mesa Verde and renamed the San Juan 32-5 Unit #15A. Approval of an unorthodox location by Order #256 was granted by the New Mexico Oil Conservation Division on June 10, 1961 allowing for the location of the original well (San Juan 32-5 #8) due to topographic reasons.

Since we are unable to located in a legal drilling window and to minimize surface disturbance, Energen Resources respectfully request administrative approval for our proposed location.

A copy of this application is being submitted to all offset operators by certified mail with a request that they furnish your office in Santa Fe with a Waiver of Objection.

Attached is a well location plat showing acreage, a topographic plat of the area, and a map showing all offsetting operators.

Sincerely,

Richard Corcoran  
District Landman

Attachment

xc: OCD-Aztec - Ernie Bush

--	--	--	--	--

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]

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

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 (W1, I, 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

Barbara C. Cresson Barbara C. Cresson District Engineer 11-21-98  
Print or Type Name Signature Title Date

A	27	32N	6W	920	NORTH	775	EAST	RIC ARRIBA
---	----	-----	----	-----	-------	-----	------	------------

11 Bottom Hole Location If Different From Surface

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

" Dedicated Acres	" Joint or Infill	" Consolidation Code	" Order No.
300 300			

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

S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'	920'	S 89-47 W	2683.56	S 89-53 W	920'	775'		1681.56	1681.56	775'
-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------	------	-----------	---------	-----------	------	------	--	---------	---------	------