

11/18/99	12/8/99	MS	MV	AMEND - 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:

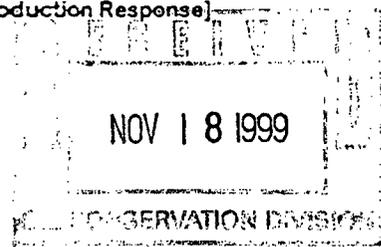
- [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]  
 [DD-Directional Drilling] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood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

[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

11-16-99  
Date



November 16, 1999

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

RE: Administrative Approval of Unorthodox Location  
Carson #6A  
NW/4: Sec. 29, T30N-R4W  
Rio Arriba County, New Mexico

Dear Mr. Stogner:

Energen Resources Corporation requested Administrative Approval for an unorthodox location in conjunction with the drilling of it's proposed Carson #6M well under the provisions New Mexico Oil Conservation Division (NMOCD) Order No. R-10987A for the Mesa Verde formation, and Order No. R-8170 for the Dakota formation. Under Administrative Order NSL-4277 the NMOCD approved our request granting an unorthodox location under authority of Division Rule 104F(2) (enclosed).

Energen drilled the subject well to the base of the Mesa Verde formation and after testing determined it was wet in the Mesa Verde. The logs indicated 150 feet of net pay in the Pictured Cliffs formation and it was decided that a completion attempt should be made in the Pictured Cliffs.

This is to request that our application for an unorthodox location covering the subject well be amended to include the Pictured Cliffs formation. The well is located in the East Blanco Pictured Cliffs pool and is governed by NMOCD Order No. R-409 originally issued on March 31, 1954. The unorthodox location is necessary due to extremely rough terrain, the presence of cultural artifacts and to minimize disturbance to wildlife habitat and damage to vegetation.

Administrative Approval of Unorthodox Location  
Carson #6A  
NW/4: Sec. 29, T30N-R4W  
Rio Arriba County, New Mexico  
Page 2 of 2

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

A copy of this application is being submitted to all the offset owners by certified mail with a request that they furnish your office in Santa Fe with a waiver of objection.

Sincerely,

A handwritten signature in cursive script that reads "Richard Corcoran".

Richard Corcoran  
District Landman

RC/tm

Enclosures



November 16, 1999

To: Offset Operators / Owners

RE: Administrative Approval of Unorthodox Location  
Carson #6A  
1,110' FNL and 2,450' FWL  
Section 29, T30N-R4W  
Rio Arriba County, New Mexico

Gentlemen:

Energen Resources Corporation has filed with the New Mexico Oil Conservation Division (NMOCD) an Application for the Administrative Approval of an Unorthodox Location for the Carson #6A well.

A copy of the Application has been attached for your review.

If you have no objection to this unorthodox location, please sign the enclosed copies of the attached waiver, returning one copy to the NMOCD in Santa Fe and one copy to our office.

Your cooperation in this matter would be appreciated.

Sincerely,

Richard Corcoran  
District Landman

RC/tm  
Enclosures

---

WAIVER

\_\_\_\_\_ hereby waives objection to the above referenced Application for an Unorthodox Location covering Energen Resources Corporation's Carson #6A well.

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



File Code: 2820

Date: 4/12/99

Rich Corcoran  
Energen Resources  
2198 Bloomfield Highway  
Farmington, NM 87401

**RE: Unorthodox location for wells: Carson 5, 5M, 6, & 6M**

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:

Carson 5, T30N R4W Sec.30, 470'FNL/1665'FEL  
Carson 5M, T30N R4W Sec.30, 700'FSL/415'FEL  
Carson 6, T30N R4W Sec.29, 150'FSL/835'FWL  
Carson 6M, T30N R4W Sec.29, 1110'FNL/2450'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:

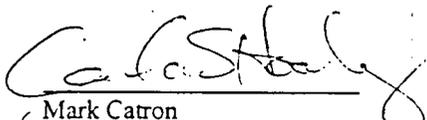
#5 Archeological resources prevent locating the well in an orthodox location.

#5, #5M, #6, #6M Topography prevents locating the well in an orthodox location.

#6M Threatened/endangered species concerns prevent locating the well in an orthodox location.

       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.

  
for Mark Catron  
District Ranger



District I  
 Box 1980, Hobbs, NM 87410-1980  
 District II  
 411 South First, Artesia, NM 87020  
 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 30-039-26199	<sup>1</sup> Pool Code 72400	<sup>1</sup> Pool Name E. Blanco Pictured Cliffs
<sup>4</sup> Property Code 21185	<sup>4</sup> Property Name CARSON	<sup>4</sup> Well Number 6A
<sup>1</sup> OGRID No. 162928	<sup>1</sup> Operator Name ENERGEN RESOURCES, INC.	<sup>1</sup> Elevation 7470'

<sup>10</sup> Surface Location

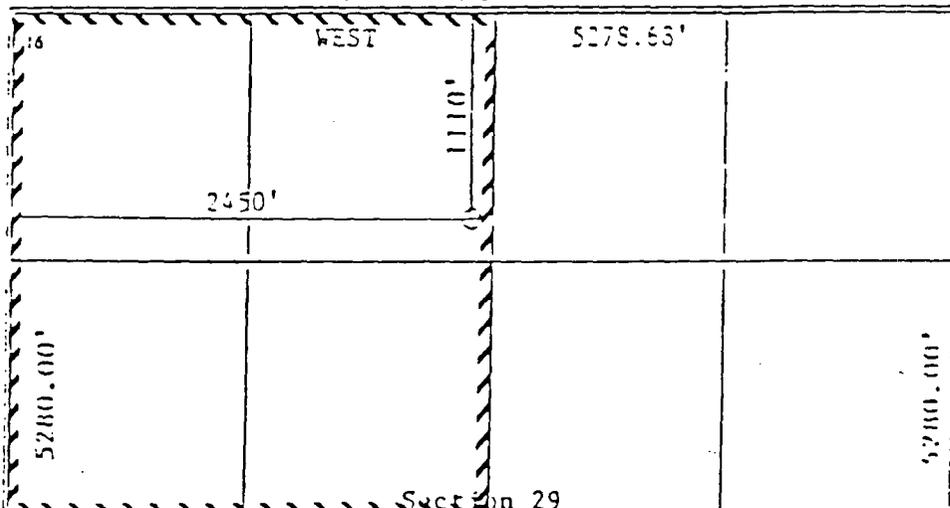
U.L. or lot nn.	Section	Township	Range	Lot Idn	Feet from the	North-South line	Feet from the	East-West line	County
C	29	30N	4W		1110'	NORTH	2450	WEST	RIO ARRIBA

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

U.L. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North-South line	Feet from the	East-West line	County

<sup>1</sup> Dedicated Acre 160	<sup>11</sup> Joint or Infill	<sup>11</sup> Consolidation Code	<sup>11</sup> Order No.
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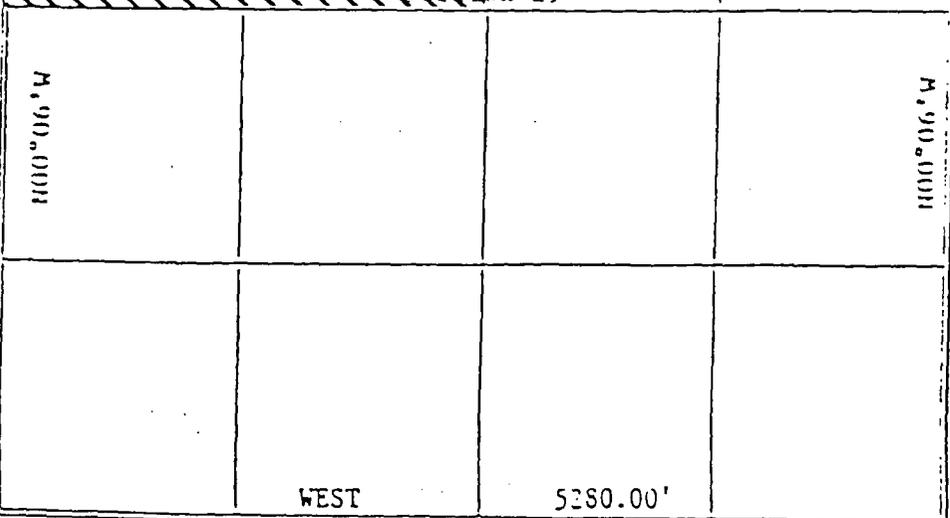
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



<sup>12</sup> OPERATOR CERTIFICATION

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

*Gary W. Brink*  
 Signature  
 Gary W. Brink  
 Printed Name  
 Production Superintendent  
 Title  
 Date 10/26/99



<sup>13</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.

02/23/99  
 Date of Survey  
 Signature and Seal of Professional Surveyor

*Henry P. Broachurst*  
 Signature  
 HENRY P. BROACHURST  
 NEW MEXICO  
 REGISTERED PROFESSIONAL SURVEYOR  
 License Number 1028

# ENERGEN RESOURCES CORP.

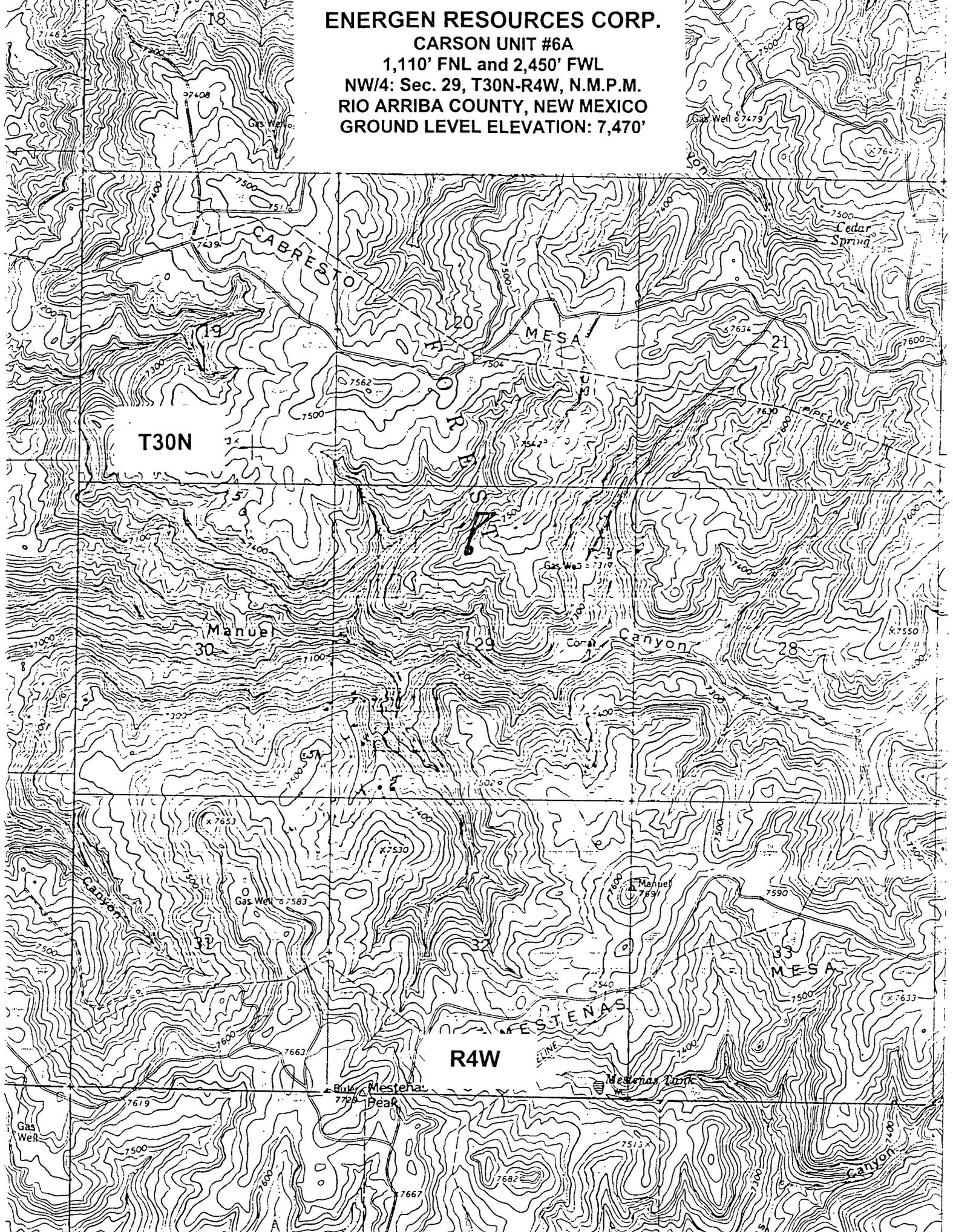
CARSON UNIT #6A

1,110' FNL and 2,450' FWL

NW/4: Sec. 29, T30N-R4W, N.M.P.M.

RIO ARriba COUNTY, NEW MEXICO

GROUND LEVEL ELEVATION: 7,470'



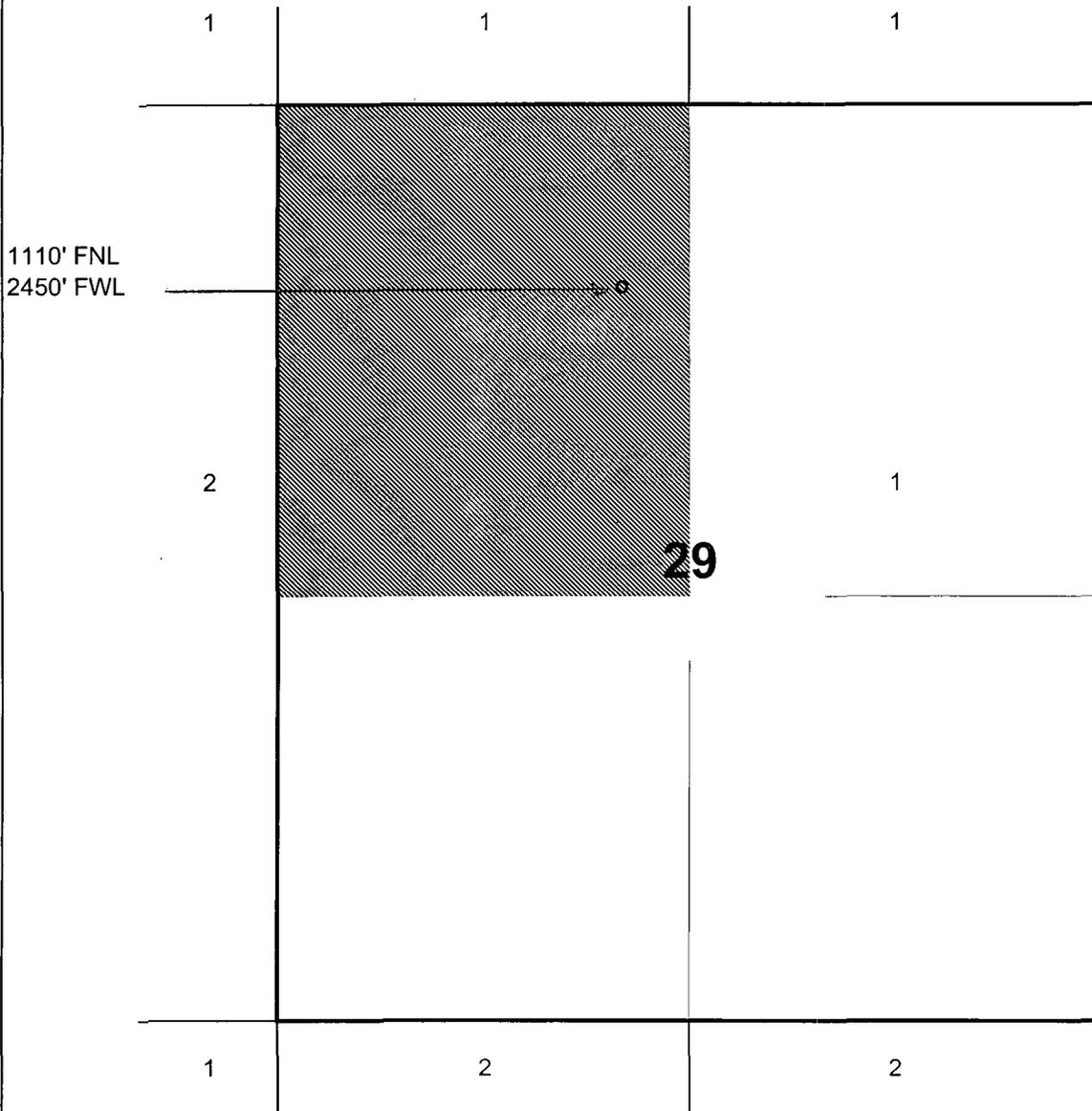
# Energen Resources Corporation

Carson #6A

OFFSET OPERATOR \ OWNER PLAT

Pictured Cliffs Formation

Township 30 North - Range 4 West



Tract 1	Energen Resources Corp.	100.000%	James M. Raymond	0.91146%
Tract 2	Energen Resources Corp.	78.60937%	Charles W. Gay	0.09115%
	Mc Elvain Oil & Gas Corp.	5.46875%	Lorrayne Gay Hacker	0.04557%
	MAR Oil & Gas Corp.	3.12500%	Maydell Miller Mast	0.04557%
	Thomas A. Dugan	1.31250%	Robert P. Tinnin	0.32813%
	Devon Energy Corp.	1.31250%		
	H.O. & Thelma K. Pool Rev. Trust	2.62500%		
	EJE Brown Co.	1.31250%		
	Trust UWO Evelyn G. Brown	0.38808%		
	Trust UWO Algernon W. Brown	0.92442%		
	Kathleen Quinn, a widow	0.87500%		
	Ruth Zimmerman, Trustee	0.43750%		
	Burlington Resources Co.	2.18750%		



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

May 10, 1999

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

*Administrative Order NSL-4277*

Dear Mr. Corcoran:

Reference is made to your two applications dated April 16, 1999 for exceptions to the well location requirements provided within the: (i) the "Special Rules for the Blanco-Mesaverde Pool," as promulgated by New Mexico Oil Conservation Division ("Division") Order No. R-10987-A, issued in Case No. 12069 dated February 1, 1999; and (ii) the "Special Rules and Regulations for the Basin-Dakota Pool," as promulgated by Division Order No. R-10987, for Energen Resources Corporation's ("Energen") proposed:

- (a) Carson Well No. 6 to be drilled at an unorthodox gas well location 150 feet from the South line and 835 feet from the West line (Unit M) of Section 29, Township 30 North, Range 4 West, NMPM, Rio Arriba County, New Mexico; and
- (b) Carson Well No. 6-M to be drilled at an unorthodox infill gas well location 1110 feet from the North line and 2450 feet from the West line (Unit C) of Section 29.

The W/2 of Section 29, being a standard 320-acre stand-up gas spacing and proration unit for both the Basin Dakota and Blanco-Mesaverde Pools, is to be dedicated to these two proposed wells.

Both applications have been duly filed under the provisions of Division Rules 104.F and 605.B and the applicable rules governing these pools.

By the authority granted me under the provisions of Division Rule 104.F(2), the above-described unorthodox Basin-Dakota/Blanco-Mesaverde gas well locations for both the Carson Well Nos. 6 and 6-M are hereby approved.

Further, both wells and both spacing units 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  
U. S. Bureau of Land Management - Farmington  
U. S. Forest Service - Bloomfield

April 16, 1999

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

RE: Administrative Approval of Unorthodox Locations  
Carson 5, 5M, 6 and 6M Wells  
Township 30 North, Range 4 West  
Mesa Verde/Dakota Duals  
Rio Arriba County, New Mexico

Dear Mr. Stogner:

Energen Resources Corporation is making plans to drill four (4) Mesa Verde/Dakota wells to be located in the Carson National Forest, and hereby requests Administrative Approval for unorthodox locations under the provisions of New Mexico Oil Conservation Division order number R-10987A for the Mesa Verde formation and order number R-8170 for the Dakota formation, of the following wells:

<u>WELL NAME</u>	<u>LOCATION</u>	<u>SPACING UNIT</u>
Carson 5	Sec. 30, T30N-R4W, 470' FNL, 1,665' FEL	Sec. 30: E/2
Carson 5M	Sec. 30, T30N-R4W, 700' FSL, 415' FEL	Sec. 30: E/2
Carson 6	Sec. 29, T30N-R4W, 150' FSL, 835' FWL	Sec. 29: W/2
Carson 6M	Sec. 29, T30N-R4W, 1,110' FNL, 2,450' FWL	Sec. 29: W/2

The proposed wells will be drilled as dual wells with production from the Blanco Mesa Verde and the Basin Dakota pools being dedicated to standard 320 acre spacing and proration units consisting of the E/2 of Section 30 for the Carson 5 and 5M wells and the W/2 of Section 29 for the Carson 6 and 6M wells.

Due to extremely rough terrain in the form of steep cliffs, the presence of isolated cultural artifacts, and at the request of the Forest Service to minimize disturbance to wildlife habitat and damage to vegetation, it is necessary to request unorthodox

locations for these wells. In addition to terrain and archaeological considerations, efforts were made to avoid larger trees of any species and spruce trees in particular. Further, as this area is a possible habitat for both the Goshawk and the Mexican spotted owl, care was exercised to avoid any apparent nesting sites

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

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, and a map showing all offsetting owners.

Your favorable consideration of this request would be appreciated.

Sincerely,



Richard Corcoran  
District Landman

RC/tm

Enclosures

ENERGEN RESOURCES CORP.  
CARSON #6A  
Offset Operator / Owner Address List

Mr. Ed DiRe  
Nations Bank of Texas, N.A.  
EJE Brown Company  
Kathleen Quinn  
PO Box 2546  
Fort Worth, TX 76113-2546

Mr. Tim Davies  
Wells Fargo Bank (Colorado)  
H.O. Pool Trust  
Thelma Pool Trust  
PO Box 5825  
Denver, CO 80217-5825

Mr. James M. Raymond  
Maydell Miller Mast Trust  
Charles W. Gay  
Lorrayne Gay Hacker  
PO Box 291445  
Kerrville, TX 78029-1445

Devon Energy  
Attn: Karla Harris  
20 N. Broadway, Suite 1500  
Oklahoma City, OK 73102

MAR Oil & Gas  
Attn: Leon Romero  
PO Box 600057  
Dallas, TX 75360

Burlington Resources  
Attn: Mr. David Valdez  
PO Box 4289  
Farmington, NM 87499

Ms. Terri M. Dine  
First Security Bank  
R.P. Tinnin, Sr. Trust  
PO Box 600  
Albuquerque, NM 87103-0600

Ruth Zimmerman  
Attn: Ms. Hazel Hart  
842 Muirlands Vista Way  
La Jolla, CA 92037

T.H. McElvain Oil & Gas Co.  
Attn: Mr. Steve Jordan  
PO Box 2148  
Santa Fe, NM 87501

Mr. Thomas A. Dugan  
PO Box 420  
Farmington, NM 87499

Mr. Dave Parker  
Chase Bank of Texas  
Trust U/W/O Evelyn G. Brown  
Trust U/W/O Algernon W. Brown  
PO Box 2558  
Houston, TX 77252-8033

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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

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- [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]
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- [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

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- [B]  Offset Operators, Leaseholders or Surface Owner
- [C]  Application is One Which Requires Published Legal Notice
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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 Richard Corcoran District Landman 4-16-99  
 Print or Type Name Signature Title Date

District I  
 18) (Reg 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

Form C-102  
 Revised October 18, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 State Lease - 4 Copies  
 Fee Lease - 3 Copies

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 AIT Number		2 Pool Code		3 Pool Name	
4 Property Code		5 Property Name CARSON UNIT			6 Well Number 6M
7 OGRID No.		8 Operator Name ENERGEN RESOURCES, INC.			9 Elevation 7470'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
C	29	30N	4W		1110'	NORTH	2450	WEST	RIO 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

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.

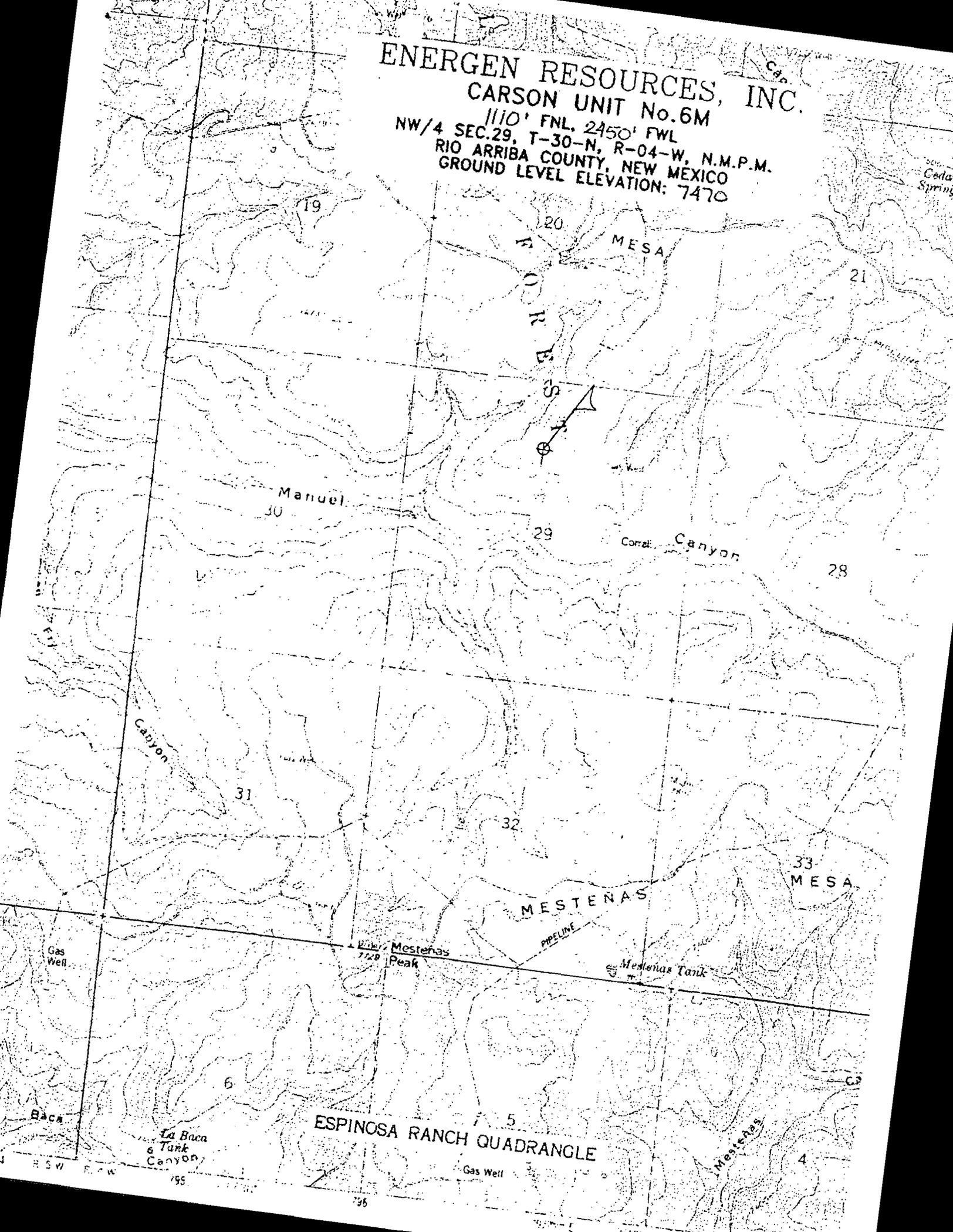
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<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><i>Richard Corcoran</i>          Signature          Richard Corcoran          Printed Name          District Landman          Title          4-16-99          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>02/23/99          Date of Survey          Signature and Seal of Professional Surveyer:</p> <p><i>TERRY P. BROADHURST</i>          TERRY P. BROADHURST          REGISTERED PROFESSIONAL SURVEYOR          NEW MEXICO          Certificate No. 12384</p>	



# ENERGEN RESOURCES, INC. CARSON UNIT No.6M

1110' FNL, 2450' FWL  
NW/4 SEC.29, T-30-N, R-04-W, N.M.P.M.  
RIO ARriba COUNTY, NEW MEXICO  
GROUND LEVEL ELEVATION: 7470



ESPINOSA RANCH QUADRANGLE

SW NW

195

195



United States  
Department of  
Agriculture

Forest  
Service

Southwestern Region 3  
Carson National Forest  
Jicarilla Ranger District

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

File Code: 2820

Date: 4/12/99

Rich Corcoran  
Energen Resources  
2198 Bloomfield Highway  
Farmington, NM 87401

**RE: Unorthodox location for wells: Carson 5, 5M, 6, & 6M**

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:

Carson 5, T30N R4W Sec.30, 470' FNL/1665' FEL  
Carson 5M, T30N R4W Sec.30, 700' FSL/415' FEL  
Carson 6, T30N R4W Sec.29, 150' FSL/835' FWL  
Carson 6M, T30N R4W Sec.29, 1110' FNL/2450' 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:

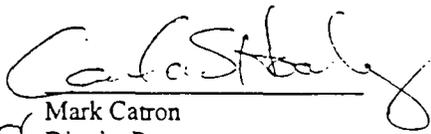
#5 Archeological resources prevent locating the well in an orthodox location.

#5, #5M, #6, #6M Topography prevents locating the well in an orthodox location.

#6M Threatened/endangered species concerns prevent locating the well in an orthodox location.

     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.

  
for Mark Catron  
District Ranger



Caring for the Land and Serving People

Printed on Recycled Paper



November 16, 1999

MAR Oil & Gas  
Attn: Leon Romero  
PO Box 600057  
Dallas, TX 75360

NSL-4277-A  
RECEIVED  
DEC 16 1999  
NEW MEXICO OIL CONSERVATION DIVISION

RE: Administrative Approval of Unorthodox Location  
Carson #6A  
1,110' FNL and 2,450' FWL  
Section 29, T30N-R4W  
Rio Arriba County, New Mexico

Dear Mr. Romero::

Energen Resources Corporation has filed with the New Mexico Oil Conservation Division (NMOCD) an Application for the Administrative Approval of an Unorthodox Location for the Carson #6A well.

A copy of the Application has been attached for your review.

If you have no objection to this unorthodox location, please sign the enclosed copies of the attached waiver, returning one copy to the NMOCD in Santa Fe and one copy to our office.

Your cooperation in this matter would be appreciated.

Sincerely,



Richard Corcoran  
District Landman

RC/tm  
Enclosures

WAIVER

MAR Oil & Gas Corp hereby waives objection to the above referenced Application for an Unorthodox Location covering Energen Resources Corporation's Carson #6A well.

Date: 12/1/99

By: [Handwritten Signature]



November 16, 1999

Mr. Thomas A. Dugan  
PO Box 420  
Farmington, NM 87499



RE: Administrative Approval of Unorthodox Location  
Carson #6A  
1,110' FNL and 2,450' FWL  
Section 29, T30N-R4W  
Rio Arriba County, New Mexico

Dear Tom:

Energen Resources Corporation has filed with the New Mexico Oil Conservation Division (NMOCD) an Application for the Administrative Approval of an Unorthodox Location for the Carson #6A well.

A copy of the Application has been attached for your review.

If you have no objection to this unorthodox location, please sign the enclosed copies of the attached waiver, returning one copy to the NMOCD in Santa Fe and one copy to our office.

Your cooperation in this matter would be appreciated.

Sincerely,

Richard Corcoran  
District Landman

RC/tm  
Enclosures

WAIVER

DUGAN PRODUCTION CORP. hereby waives objection to the above referenced Application for an Unorthodox Location covering Energen Resources Corporation's Carson #6A well.

Date: 11-19-99

By:



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

May 10, 1999

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

*Administrative Order NSL-4277*

Dear Mr. Corcoran:

Reference is made to your two applications dated April 16, 1999 for exceptions to the well location requirements provided within the: (i) the "Special Rules for the Blanco-Mesaverde Pool," as promulgated by New Mexico Oil Conservation Division ("Division") Order No. R-10987-A, issued in Case No. 12069 dated February 1, 1999; and (ii) the "Special Rules and Regulations for the Basin-Dakota Pool," as promulgated by Division Order No. R-10987, for Energen Resources Corporation's ("Energen") proposed:

- (a) Carson Well No. 6 to be drilled at an unorthodox gas well location 150 feet from the South line and 835 feet from the West line (Unit M) of Section 29, Township 30 North, Range 4 West, NMPM, Rio Arriba County, New Mexico; and
- (b) Carson Well No. 6-M to be drilled at an unorthodox infill gas well location 1110 feet from the North line and 2450 feet from the West line (Unit C) of Section 29.

The W/2 of Section 29, being a standard 320-acre stand-up gas spacing and proration unit for both the Basin Dakota and Blanco-Mesaverde Pools, is to be dedicated to these two proposed wells.

Both applications have been duly filed under the provisions of Division Rules 104.F and 605.B and the applicable rules governing these pools.

By the authority granted me under the provisions of Division Rule 104.F(2), the above-described unorthodox Basin-Dakota/Blanco-Mesaverde gas well locations for both the Carson Well Nos. 6 and 6-M are hereby approved.

Further, both wells and both spacing units will be subject to all existing rules, regulations, policies, and procedures applicable to prorated gas pools in Northwest, New Mexico.

Sincerely,

Lori Wrotenbery  
Director

LW/MES/kv

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

UNITED STATES  
- DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

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OCT 26 PM 1:00

070 FARMINGTON, NM

5. Lease Designation and Serial No.

SF-079488-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Carson 6A

9. API Well No.

30-039-26199

10. Field and Pool, or exploratory Area

Blanco MV

11. County or Parish, State

Rio Arriba NM

SUBMIT IN TRIPLICATE

RECEIVED

NOV - 4 1999

OIL CON. DIV.  
DIST. 3

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

ENERGEN RESOURCES CORPORATION

3. Address and Telephone No.

2198 Bloomfield Highway, Farmington, NM 87401

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1110' FNL, 2450' FWL, Sec. 29, T30N, R4W, N.M.

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

- Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other \_\_\_\_\_
- Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

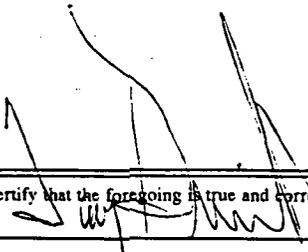
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The initial completion in the Mesaverde tested water wet and is non-productive. It is intended to plug back to the PC as follows:

1. Set a CIBP at 6100'. Cap plug with 10 sks of cement.
2. Selective perforate and fracture PC.
3. TIH and clean out to below bottom perf. Land tubing at 4400'. Return to production.

14. I hereby certify that the foregoing is true and correct

Signed



Title Production Superintendent

Date 10/26/99

(This space for Federal or State office use)

Approved by

/s/ Joe Hewitt

Title

Date

OCT 29 1999

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\* See Instruction on Reverse Side

NMOCD

Revised October 13, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 State Lease - 4 Copies  
 Fee Lease - 3 Copies

State of New Mexico  
 Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

RECEIVED  
 BLM

99 OCT 26 PM 1:00  AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAN NM

<sup>1</sup> AIT Number 30-039-26199	<sup>2</sup> Pool Code 72400	<sup>3</sup> Pool Name 070 FA... E. Blanco Pictured Cliffs
<sup>4</sup> Property Code 21185	<sup>5</sup> Property Name CARSON	
<sup>6</sup> OGRID No. 162928	<sup>7</sup> Operator Name ENERGEN RESOURCES, INC.	<sup>8</sup> Well Number 6A
<sup>9</sup> Elevation 7470'		

<sup>10</sup> Surface Location

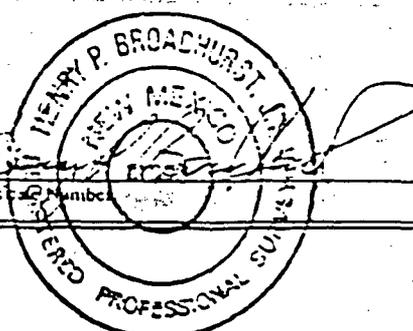
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North-South line	Feet from the	East-West line	County
C	29	30N	4W		1110'	NORTH	2450	WEST	RIO ARRIBA

<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 160	<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

16 WEST 2450' 1110' Section 29	5278.63'	<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information furnished herein is true and complete to the best of my knowledge and belief.  Signature Gary W. Brink Printed Name Production Superintendent Title Date 10/26/99
	5280.00'	
WEST 5280.00'	5280.00'	<sup>18</sup> SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plan 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. Date of Survey 02/23/99 Signature and Seal of Professional Surveyer:  Certificate Number
	5280.00'	

HOLD C-104 FOR NSL (9)

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR  Other \_\_\_\_\_

2. NAME OF OPERATOR  
**ENERGEN RESOURCES CORPORATION**

3. ADDRESS AND TELEPHONE NO.  
**2198 Bloomfield Highway, Farmington, NM 87401**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface  
**1110' FNL, 2450' FWL**  
At top prod. interval reported below

At total depth

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED **NOV - 4 1999**

5. LEASE DESIGNATION AND SERIAL NO.  
**SF-079488-A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME \_\_\_\_\_

7. UNIT AGREEMENT NAME \_\_\_\_\_

8. FARM OR LEASE NAME, WELL NO.  
**Carson 6A**

9. API WELL NO.  
**30-039-26199**

10. FIELD AND POOL, OR WILDCAT  
**Blanco MV**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 29, T30N, R4W, N.M.P.M.**

12. COUNTY OR PARISH  
**Rio Arriba**

13. STATE  
**NM**

15. DATE SPUNDED **8/30/99**

16. DATE T.D. REACHED **9/10/99**

17. DATE COMPL. (Ready to prod.) **10/7/99**

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*  
**7470' GR**

19. ELEV. CASINGHEAD **7470'**

20. TOTAL DEPTH, MD & TVD **7088'**

21. PLUG, BACK T.D., MD & TVD **7048'**

22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_

23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS **Yes** CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*  
**6149-6996 MV**

25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**Temp. Log, HRI Log, Den.-Neu. Log, GR-CCL**

27. WAS WELL CORED **No**

RECEIVED  
99 OCT 26 PM 1:00  
RECEIVED  
OIL CON. DIV.  
DIST. 3

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8	36	286	12 1/4	130 cu. ft., circ. 110 SY	
7	23	4750	8 3/4	1314 cu. ft., circ. 775 SY	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2	4566	7088	325 cu. ft. 235	circ.	2 3/8	6652	

30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2	4566	7088	325 cu. ft. 235	circ.	2 3/8	6652	

31. PERFORATION RECORD (Interval, size and number)  
0.34: 6786, 88, 90, 92, 98, 6800, 01, 08, 18, 20, 23, 42, 48, 50, 62, 64, 66, 82, 84, 90, 92, 97, 98, 6902, 04, 06, 46, 48, 82, 84, 86, 92, 94, 96  
(34 Holes) 1JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6786-6996	48,246 gals Slickwater
	34,728# 20/40 Sand
6596-6734	75,491 gals Slickwater
	69,719# 20/40 Sand OVER>

33.\* PRODUCTION

DATE FIRST PRODUCTION **10/7/99** PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) **Flowing** WELL STATUS (Producing or shut-in) **Shut In**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
10/15/99	7 Day SI						

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
SI-697	SI-827			Pitot Test ..	.. TSTM	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **To Be Sold** TEST WITNESSED BY **Ernest Cordona**

35. LIST OF ATTACHMENTS \_\_\_\_\_

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED \_\_\_\_\_ TITLE **Production Superintendent** DATE **OCT 29 1999**

**ACCEPTED FOR RECORD**

\* (See Instructions and Spaces for Additional Data on Reverse Side)

FARMINGTON FIELD OFFICE  
BY \_\_\_\_\_

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
6149-6532			0.34: 6596, 98, 6600, 02, 04, 06, 08, 16, 18, 20, 22	Ojo Alamo	3470	
			23, 24, 28, 30, 42, 44, 46, 48, 50, 52, 54, 56, 83,	Kirtland	3790	
			85, 95, 6709, 11, 16, 18, 20, 30, 32, 34	Fruitland	4000	
			(34 Holes) IJSPF	Pictured Cliffs	4190	
			0.34: 6149, 50, 51, 52, 76, 78, 6236, 38, 40, 6315,	Lewis	4490	
			16, 59, 60, 61, 63, 6400, 02, 04, 06, 54, 56, 58, 60	Huerfanto Bent.	5175	
			68, 70, 72, 74, 95, 97, 99, 6501, 03, 30, 32	Cliff House	6050	
			(34 Holes) IJSPF	Menefee	6390	
			69.034 gals Stickwater	Point Lookout	6595	
			62.062# 20/40 Sand			

38. GEOLOGIC MARKERS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir

Use "APPLICATION FOR PERMIT - " for such proposals

RECEIVED  
BLM

5. Lease Designation and Serial No.

SF-079488-A

6. If Indian, Allottee or Tribe Name

99 SEP 17 PM 12:43

7. Unit or CA, Agreement Designation

070 FARMINGTON, NM

8. Well Name and No.

Carson 6A

9. API Well No.

30-039-26199

10. Field and Pool, or exploratory Area

Blanco MV

11. County or Parish, State

Rio Arriba NM

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

ENERGEN RESOURCES CORPORATION

3. Address and Telephone No.

2198 Bloomfield Highway, Farmington, NM 87401

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1110' FNL, 2450' FWL, Sec. 29, T30N, R4W, N.M.P.M.

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other Casing  
 Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

9/5/99 Drilled to 4750'. Ran 106 jts. 7" 23# J-55 LT&C casing 4738' set at 4750'. Stage collar at 3810'. Cemented 1st stage with 175 sks Class B 10#/sk gilsonite, 1/4#/sk flocele and 2% CaCL2. (219 cu. ft.) Plug down 5 pm 9/6/99 opened stage collar. Cemented 2nd stage with 500 sks 65/35 poz, 6% gel 10#/sk gilsonite, 1/4#/sk flocele and 2% CaCL2 followed by 100 sks Class B, 10#/sk gilsonite, 1/4#/sk flocele and 2% CaCL2. (1095 cu. ft.) Plug down 8 pm 9/6/99. Circ. 150 sks to surface. WOC. Tested casing to 1200 psi-OK.

9/10/99 Drilled to 7089'. Ran 57 jts. 10.5# J-55 ST&C casing 2522' set at 7088'. Top of liner hanger at 4566'. Cemented with 235 sks 50/50 poz, 2% gel 5#/sk gilsonite, 1/4#/sk flocele, 0.4% halad-9, 0.1% HR-5, 0.2% CFR-2. (325 cu. ft.) Plug down 5 am 9/11/99. WOC. Circ. 21 sks cement off top of hanger.

RECEIVED  
SEP 24 1999  
OIL CON. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed Monica Taylor Title Production Assistant Date 9/14/99

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

ACCEPTED FOR RECORD

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States a false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\* See Instruction on Reverse Side

NMCCD

FARMINGTON FIELD OFFICE  
BY [Signature]

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

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SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

070 FARMINGTON, NM

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

ENERGEN RESOURCES CORPORATION

3. Address and Telephone No.

2198 Bloomfield Highway, Farmington, NM 87401

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1110' FNL, 2450' FWL, Sec. 29, T30N, R4W, N.M.P.M.

5. Lease Designation and Serial No.

SF-079488A

6. If Indian, Allottee of Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Carson 6M

9. API Well No.

30-039-26199

10. Field and Pool, or Exploratory Area

Blanco MV

11. County or Parish, State

Rio Arriba NM

RECEIVED  
SEP - 7 1999  
OIL CON. DIV.  
DIST. 3

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

- Abandonment  Change of Plan  
 Recompletion  New Construction  
 Plugging Back  Non-Routine Fracturing  
 Casing Repair  Water Shut-Off  
 Altering Casing  Conversion to Injection  
 Other  Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Due to the Dakota being non-productive, it is intended to change our drilling plan to a Mesaverde only. Total depth 7050'.

Casing Program:

9 5/8"	36#	200'	126 cu. ft., circ.
7"	20 & 23#	4740'	1070 cu. ft., circ. 2 stage
4 1/2"	10.5#	4640' - 7050'	386 cu. ft., circ.

NOTE: Cement slurry recalculated from original operation plan.

THIS WELL IS NOW AN INFILL MESAVERDE. ATTACHED IS A PLAT TO CHANGE THE NAME TO THE CARSON 6A.

14. I hereby certify that the foregoing is true and correct

Signed Monica Taylor

Title Production Assistant

Date 8/26/99

(This space for Federal or State office use)

Approved by Scott G. Becht

Title Area Chief

Date AUG 31 1999

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\* See Instructions on Reverse Side

NSL-4277

District II  
 811 South First, Artesia, NM 87210  
 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

RECEIVED  
 BLM

99 AUG 30 PM 12:56

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> A15 Number 30-039-26199	<sup>1</sup> Pool Code 72329/71599	<sup>1</sup> Well Name 070 FARMINGTON Blanco Mesaverde
<sup>4</sup> Property Code 21185	<sup>4</sup> Property Name CARSON	<sup>6</sup> Well Number 6A
<sup>7</sup> OGRID No. 162928	<sup>8</sup> Operator Name ENERGEN RESOURCES, INC.	<sup>9</sup> Elevation 7470'

<sup>10</sup> Surface Location

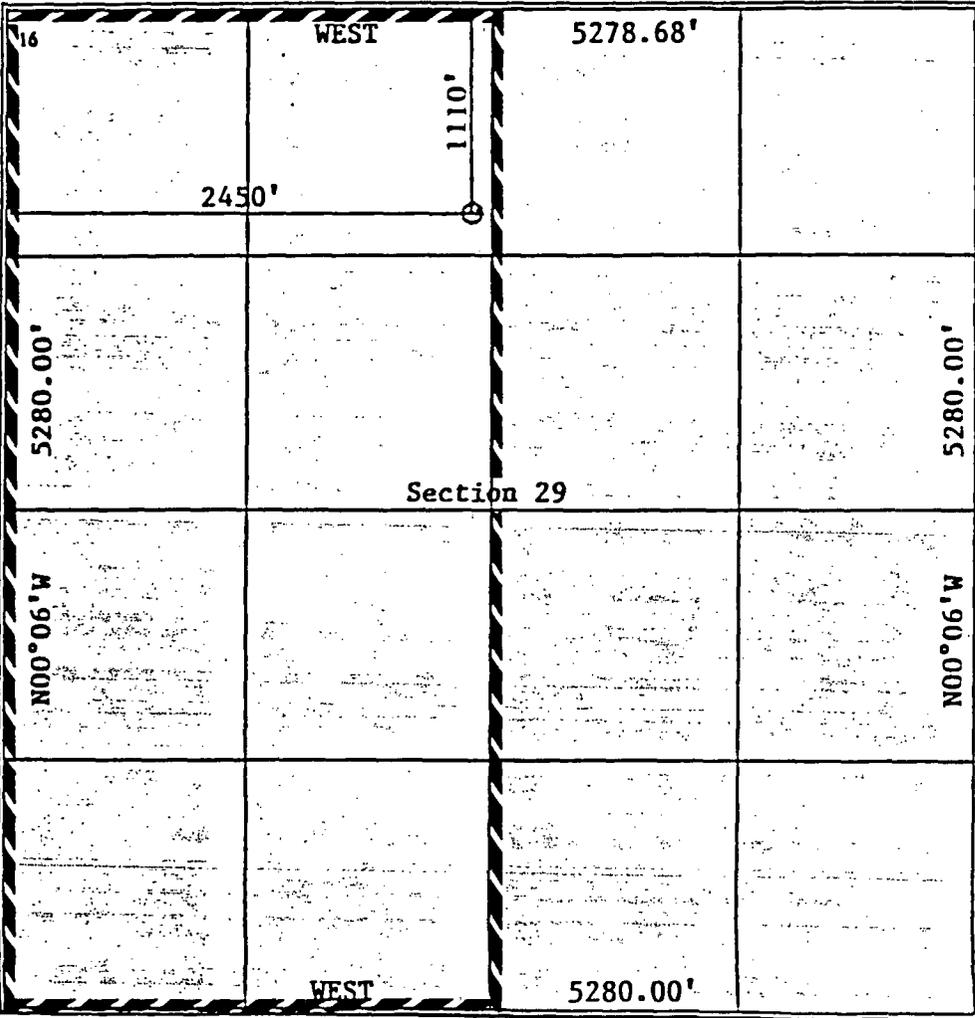
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	29	30N	4W		1110'	NORTH	2450	WEST	RIO ARRIBA

<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 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

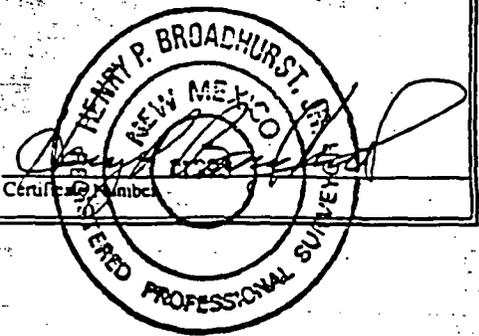


<sup>17</sup> OPERATOR CERTIFICATION  
 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*[Signature]*  
 Signature  
 Gary W. Brink  
 Printed Name  
 Production Superintendent  
 Title  
 Date 8/26/99

<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.

02/23/99  
 Date of Survey  
 Signature and Seal of Professional Surveyor:  
*[Signature]*  
 Certificate Number



N 26 - 4277 (2)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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RECEIVED  
BLM

89 SEP -7 PM 1:55

5. Lease Designation and Serial No.

SF-079488-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

070 FARMINGTON, NM

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

ENERGEN RESOURCES CORPORATION

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2198 Bloomfield Highway, Farmington, NM 87401

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1110' FNL, 2450' FWL, Sec. 29, T30N, R4W, N.M.P.M.

RECEIVED  
SEP 10 1999

OIL CON. DIV.  
DIST. 3

8. Well Name and No.

Carson

9. API Well No.

30-039-26199

10. Field and Pool, or exploratory Area

Blanco MV

11. County or Parish, State

Rio Arriba NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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TYPE OF ACTION

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- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Spud
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

8/30/99 Spud well 3pm 8/30/99. Drilled to 292'. Ran 6 jts., 9 5/8, 36# J-55 ST&C casing 272' set at 286'. Cemented 110 sks class B, 2% CaCL2 and 1/4# flocele. (130 cu. ft.) Plug down 11:30pm 8/30/99. WOC. Tested casing to 600 psi - OK.

NOTE: THIS IS A PIPELINE ROW APPROVAL.

14. I hereby certify that the foregoing is true and correct

Signed [Signature]

Title Production Superintendent

Date 9/3/99

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_

Conditions of approval, if any:

ACCEPTED FOR RECORD

SEP 08 1999

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FARMINGTON FIELD OFFICE  
BY [Signature]

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

RECEIVED  
BLM

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

1a. TYPE OF WORK  
 DRILL  DEEPEN

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
 ENERGEN RESOURCES CORPORATION

3. ADDRESS AND TELEPHONE NO.  
 2198 Bloomfield Highway; Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 1110' FNL, 2450' FWL  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Seven (7) miles NE of Gobernador, New Mexico

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
 (Also to nearest drilg. unit line, if any) 1110

16. NO. OF ACRES IN LEASE  
 1786.72

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 320

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 2300

19. PROPOSED DEPTH  
 8950'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 7470' GL

*This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.*

5. LEASE DESIGNATION AND SERIAL NO.  
 SF-079488-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.  
 Carson 6M

9. API WELL NO.  
 30-039-26199

10. FIELD AND POOL, OR WILDCAT  
 Blanco MV/Basin DK

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 29, T30N, R4W, N.M.P.M.

12. COUNTY OR PARISH  
 Rio Arriba

13. STATE  
 NM

99 MAY 12 PM 12:07

070 FARMINGTON, NM

21185

RECEIVED

JUN 7 7 1999

OIL CON. DIV. DIST. 3

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15	10 3/4	32.75#	200'	236 cu. ft., circ.
9 7/8	7 5/8	26.4#	4740'	1539 cu. ft., circ. - 2 stages
6 3/4	5 1/2	17#	8950'	535 cu. ft., to intermediate

An application to dual complete is being submitted to NMOCD.  
 Selectively perforate and sand water fracture the Mesaverde and Dakota Formations.  
 This gas is dedicated.  
 A Williams Field Service Pipeline ROW Plat is attached.

THIS IS AN EXPIDITED APD.

DRILLING OPERATIONS AUTHORIZED ARE  
 SUBJECT TO COMPLIANCE WITH ATTACHED  
 "GENERAL REQUIREMENTS"

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Production Superintendent DATE 3/10/99

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE JUN 14 1999

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY /S/ Duane W. Spencer TITLE Team Lead, Petroleum Management DATE JUN 14 1999

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

HOLD C104 FOR BLM NSL @

NMOCD

Act I  
 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

Form C-102  
 Revised October 18, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 State Lease - 4 Copies  
 Fee Lease - 3 Copies

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

99 MAY 12 PM 12:07

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

* A# Number 30-039-26199		* Pool Code 72329/71599	* Pool Name Blanco Mesaverde/Basin Dakota
* Property Code 21185	* Property Name CARSON UNIT		* Well Number 6M
* OGRID No. 162928	* Operator Name ENERGEN RESOURCES, INC.		* Elevation 7470'

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
C	29	30N	4W		1110'	NORTH	2450	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

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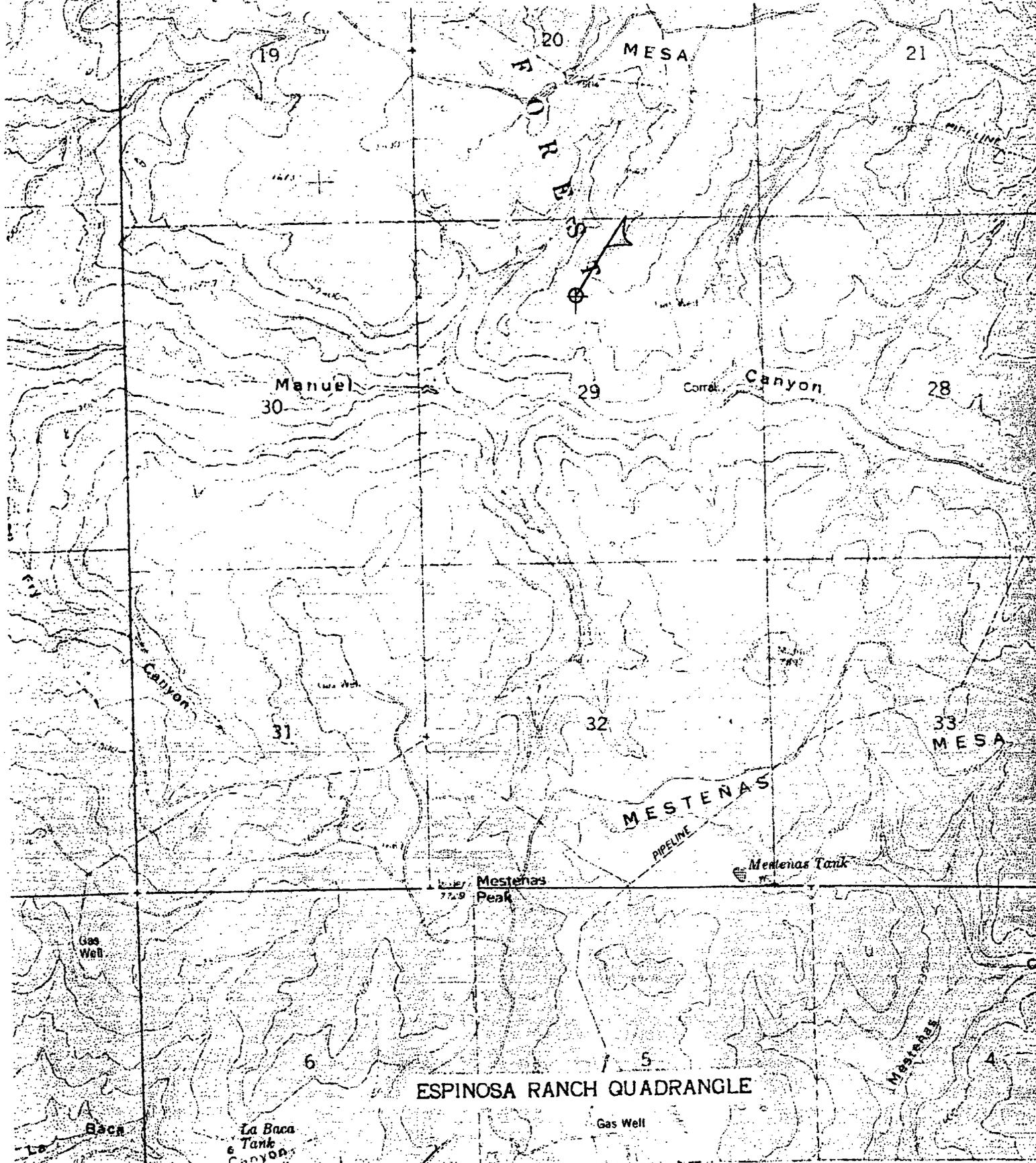
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	16	WEST	5278.68'	<p>17 OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i></p> <p><i>[Signature]</i></p> <p>Signature Gary W. Brink</p> <p>Printed Name Production Superintendent</p> <p>Title</p> <p>Date 5/10/99</p>
		Section 29		<p>18 SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>02/23/99</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p><i>[Signature]</i></p> <p>Certificate Number</p>
		WEST	5280.00'	

# ENERGEN RESOURCES, INC.

## CARSON UNIT No.6M

1110' FNL, 2450' FWL  
NW/4 SEC.29, T-30-N, R-04-W, N.M.P.M.  
RIO ARRIBA COUNTY, NEW MEXICO  
GROUND LEVEL ELEVATION: 7470



ESPINOSA RANCH QUADRANGLE

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

11/24/99 10:57:58  
OGOMES -TPVK  
PAGE NO: 1

Sec : 29 Twp : 30N Rng : 04W Section Type : NORMAL

D 40.00	C 40.00	B 40.00	A 40.00
Federal owned	Federal owned	Federal owned	Federal owned
	A		A
E 40.00	F 40.00	G 40.00	H 40.00
Federal owned	Federal owned	Federal owned	Federal owned

PF01 HELP    PF02            PF03 EXIT    PF04 GoTo    PF05            PF06  
PF07 BKWD   PF08 FWD      PF09 PRINT   PF10 SDIV     PF11            PF12

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

11/24/99 10:58:05  
OGOMES -TPVK  
PAGE NO: 2

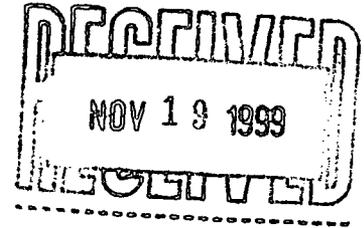
Sec : 29 Twp : 30N Rng : 04W Section Type : NORMAL

L 40.00  Federal owned	K 40.00  Federal owned	J 40.00  Federal owned	I 40.00  Federal owned
M 40.00  Federal owned	N 40.00  Federal owned	O 40.00  Federal owned	P 40.00  Federal owned
A			

PF01 HELP    PF02            PF03 EXIT    PF04 GoTo    PF05            PF06  
PF07 BKWD    PF08 FWD        PF09 PRINT   PF10 SDIV     PF11            PF12



NOV 29 1999



November 16, 1999

T.H. McElvain Oil & Gas Co.  
Attn: Mr. Steve Jordan  
PO Box 2148  
Santa Fe, NM 87501

RE: Administrative Approval of Unorthodox Location  
Carson #6A  
1,110' FNL and 2,450' FWL  
Section 29, T30N-R4W  
Rio Arriba County, New Mexico

Dear Mr. Jordan:

Energen Resources Corporation has filed with the New Mexico Oil Conservation Division (NMOCD) an Application for the Administrative Approval of an Unorthodox Location for the Carson #6A well.

A copy of the Application has been attached for your review.

If you have no objection to this unorthodox location, please sign the enclosed copies of the attached waiver, returning one copy to the NMOCD in Santa Fe and one copy to our office.

Your cooperation in this matter would be appreciated.

Sincerely,

Richard Corcoran  
District Landman

RC/tm  
Enclosures

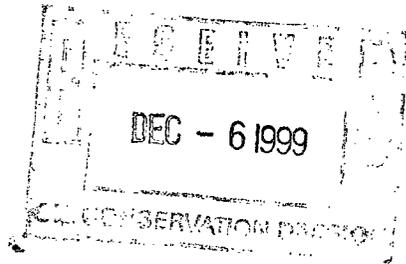
WAIVER

T.H. McElvain Oil & Gas Limited Partnership  
By: McElvain Oil & Gas Properties, Inc. General Partner

\_\_\_\_\_ hereby waives objection to the above referenced Application for an Unorthodox Location covering Energen Resources Corporation's Carson #6A well.

Date: 11/22/99

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



November 16, 1999

Ruth Zimmerman  
Attn: Ms. Hazel Hart  
842 Muirlands Vista Way  
La Jolla, CA 92037

RE: Administrative Approval of Unorthodox Location  
Carson #6A  
1,110' FNL and 2,450' FWL  
Section 29, T30N-R4W  
Rio Arriba County, New Mexico

Dear Ms. Hart:

Energen Resources Corporation has filed with the New Mexico Oil Conservation Division (NMOCD) an Application for the Administrative Approval of an Unorthodox Location for the Carson #6A well.

A copy of the Application has been attached for your review.

If you have no objection to this unorthodox location, please sign the enclosed copies of the attached waiver, returning one copy to the NMOCD in Santa Fe and one copy to our office.

Your cooperation in this matter would be appreciated.

Sincerely,

Richard Corcoran  
District Landman

RC/tm  
Enclosures

WAIVER

Ruth Zimmerman Trust hereby waives objection to the above referenced Application for an Unorthodox Location covering Energen Resources Corporation's Carson #6A well.

Date: 11/26/99

By: Hazel Z. Hart, AIF

505-325-6800

ENERGEN RESOURCES CORP.  
CARSON #6A  
Offset Operator / Owner Address List

Mr. Ed DiRe  
Nations Bank of Texas, N.A.  
EJE Brown Company  
Kathleen Quinn  
PO Box 2546  
Fort Worth, TX 76113-2546

Mr. Tim Davies  
Wells Fargo Bank (Colorado)  
H.O. Pool Trust  
Thelma Pool Trust  
PO Box 5825  
Denver, CO 80217-5825

Mr. James M. Raymond  
Maydell Miller Mast Trust  
Charles W. Gay  
Lorraine Gay Hacker  
PO Box 291445  
Kerrville, TX 78029-1445

Devon Energy  
Attn: Karla Harris  
20 N. Broadway, Suite 1500  
Oklahoma City, OK 73102

MAR Oil & Gas  
Attn: Leon Romero  
PO Box 600057  
Dallas, TX 75360

Burlington Resources  
Attn: Mr. David Valdez  
PO Box 4289  
Farmington, NM 87499

Ms. Terri M. Dine  
First Security Bank  
R.P. Tinnin, Sr. Trust  
PO Box 600  
Albuquerque, NM 87103-0600

Ruth Zimmerman  
Attn: Ms. Hazel Hart  
842 Muirlands Vista Way  
La Jolla, CA 92037

T.H. McElvain Oil & Gas Co.  
Attn: Mr. Steve Jordan  
PO Box 2148  
Santa Fe, NM 87501

Mr. Thomas A. Dugan  
PO Box 420  
Farmington, NM 87499

Mr. Dave Parker  
Chase Bank of Texas  
Trust U/W/O Evelyn G. Brown  
Trust U/W/O Algernon W. Brown  
PO Box 2558  
Houston, TX 77252-8033

# ENERGEN RESOURCES CORP.

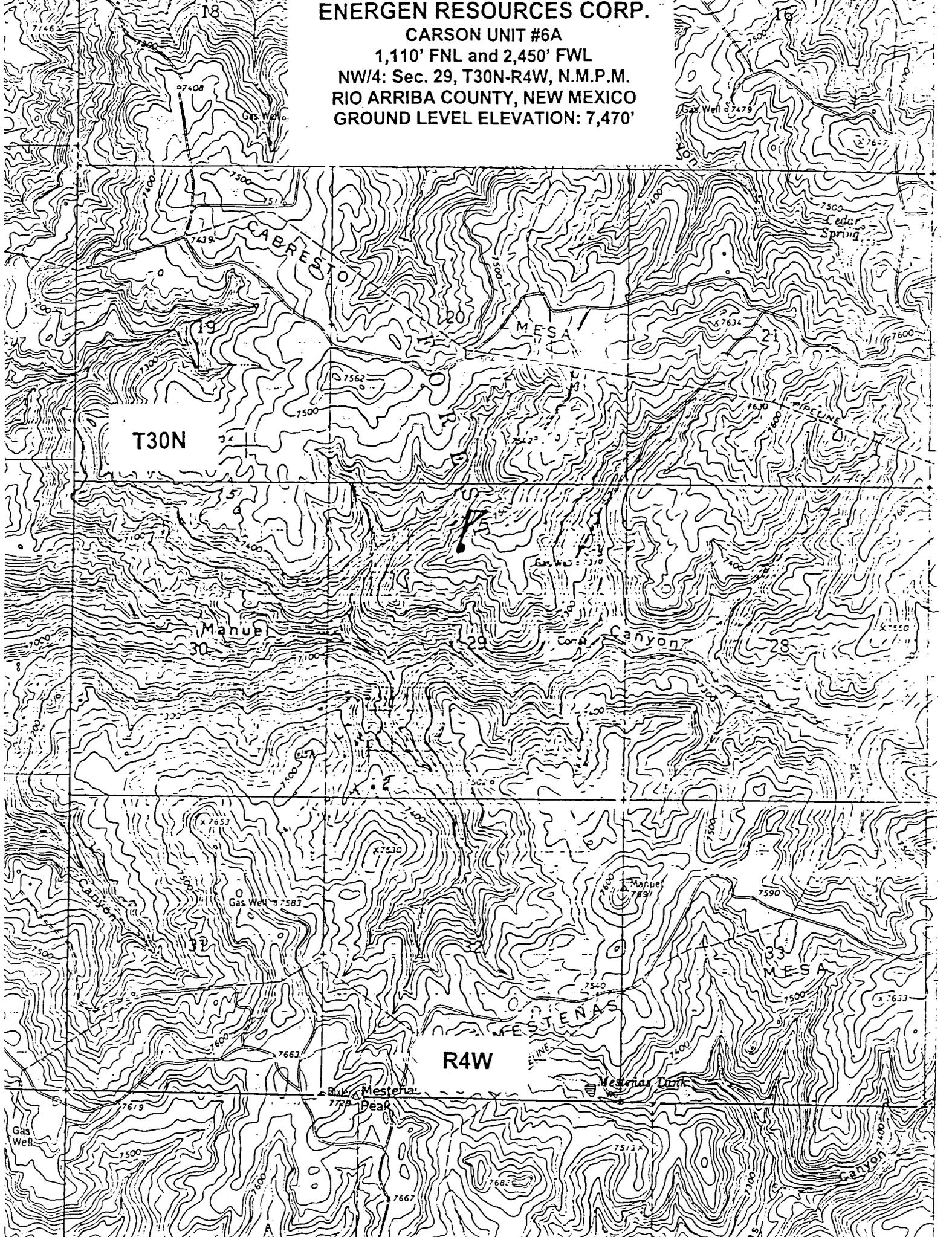
CARSON UNIT #6A

1,110' FNL and 2,450' FWL

NW/4: Sec. 29, T30N-R4W, N.M.P.M.

RIO ARriba COUNTY, NEW MEXICO

GROUND LEVEL ELEVATION: 7,470'



District II  
 111 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**

1 AIT Number 30-039-26199		1 Pool Code 72400		1 Pool Name E. Blanco Pictured Cliffs	
2 Property Code 21185		1 Property Name CARSON		1 Well Number 6A	
1 OGRID No. 162928		1 Operator Name ENERGEN RESOURCES, INC.		1 Elevation 7470'	

**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
C	29	30N	4W		1110'	NORTH	2450	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

1 Dedicated Acre 160	11 Joint or Infill	12 Consolidation Code	13 Center 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

	<b>14 OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Gary W. Brink Title Production Superintendent Date 10/26/99	
	<b>15 SURVEYOR CERTIFICATION</b> 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. Date of Survey 02/23/99 Signature and Seal of Professional Surveyor: 	

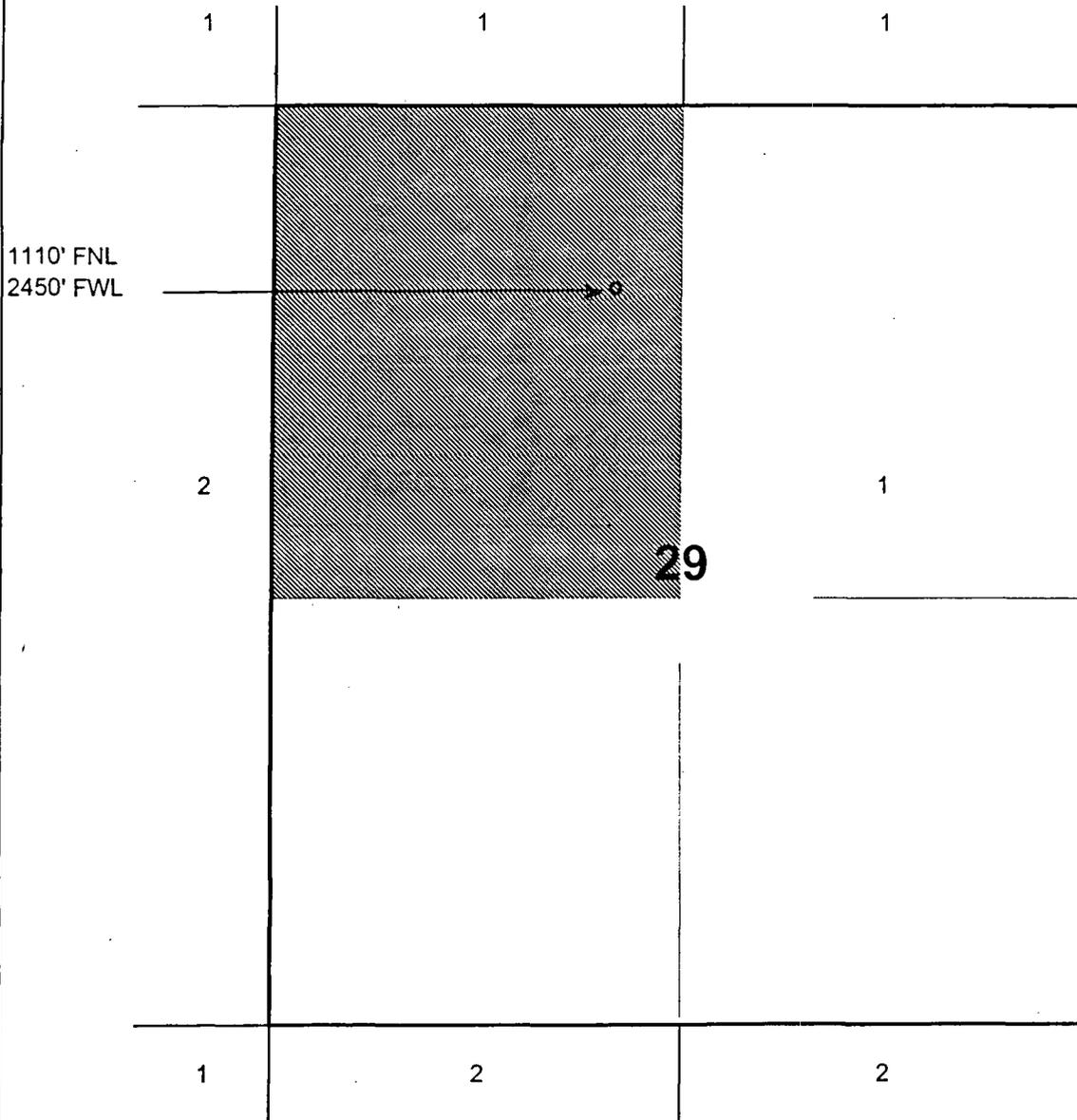
# Energen Resources Corporation

Carson #6A

OFFSET OPERATOR \ OWNER PLAT

Pictured Cliffs Formation

Township 30 North - Range 4 West



Tract 1	Energen Resources Corp.	100.000%	James M. Raymond	0.91146%
Tract 2	Energen Resources Corp.	78.60937%	Charles W. Gay	0.09115%
	Mc Elvain Oil & Gas Corp.	5.46875%	Lorrayne Gay Hacker	0.04557%
	MAR Oil & Gas Corp.	3.12500%	Maydell Miller Mast	0.04557%
	Thomas A. Dugan	1.31250%	Robert P. Tinnin	0.32813%
	Devon Energy Corp.	1.31250%		
	H.O. & Thelma K. Pool Rev. Trust	2.62500%		
	EJE Brown Co.	1.31250%		
	Trust UWO Evelyn G. Brown	0.38808%		
	Trust UWO Algernon W. Brown	0.92442%		
	Kathleen Quinn, a widow	0.87500%		
	Ruth Zimmerman, Trustee	0.43750%		
	Burlington Resources Co.	2.18750%		

November 16, 1999

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

RE: Administrative Approval of Unorthodox Location  
Carson #6A  
NW/4: Sec. 29, T30N-R4W  
Rio Arriba County, New Mexico

Dear Mr. Stogner:

Energen Resources Corporation requested Administrative Approval for an unorthodox location in conjunction with the drilling of its proposed Carson #6M well under the provisions New Mexico Oil Conservation Division (NMOCD) Order No. R-10987A for the Mesa Verde formation; and Order No. R-8170 for the Dakota formation. Under Administrative Order NSL-4277 the NMOCD approved our request granting an unorthodox location under authority of Division Rule 104F(2) (enclosed).

Energen drilled the subject well to the base of the Mesa Verde formation and after testing determined it was wet in the Mesa Verde. The logs indicated 150 feet of net pay in the Pictured Cliffs formation and it was decided that a completion attempt should be made in the Pictured Cliffs.

This is to request that our application for an unorthodox location covering the subject well be amended to include the Pictured Cliffs formation. The well is located in the East Blanco Pictured Cliffs pool and is governed by NMOCD Order No. R-409 originally issued on March 31, 1954. The unorthodox location is necessary due to extremely rough terrain, the presence of cultural artifacts and to minimize disturbance to wildlife habitat and damage to vegetation.

Administrative Approval of Unorthodox Location  
Carson #6A  
NW/4: Sec. 29, T30N-R4W  
Rio Arriba County, New Mexico  
Page 2 of 2

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

A copy of this application is being submitted to all the offset owners by certified mail with a request that they furnish your office in Santa Fe with a waiver of objection.

Sincerely,

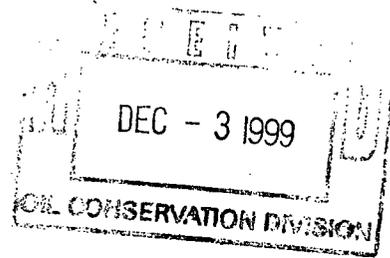
A handwritten signature in cursive script that reads "Richard Corcoran".

Richard Corcoran  
District Landman

RC/tm

Enclosures

NOV 22 1999



November 16, 1999

Mr. Ed DiRe  
Nations Bank of Texas, N.A.  
EJE Brown Company  
Kathleen Quinn  
PO Box 2546  
Fort Worth, TX 76113-2546

RE: Administrative Approval of Unorthodox Location  
Carson #6A  
1,110' FNL and 2,450' FWL  
Section 29, T30N-R4W  
Rio Arriba County, New Mexico

Dear Mr. DiRe:

Energgen Resources Corporation has filed with the New Mexico Oil Conservation Division (NMOCD) an Application for the Administrative Approval of an Unorthodox Location for the Carson #6A well.

A copy of the Application has been attached for your review.

If you have no objection to this unorthodox location, please sign the enclosed copies of the attached waiver, returning one copy to the NMOCD in Santa Fe and one copy to our office.

Your cooperation in this matter would be appreciated.

Sincerely,

Richard Corcoran  
District Landman

RC/tm  
Enclosures

Bank of America, N.A. Agent for:  
The EJE Brown Company &  
Kathleen Quinn

WAIVER

\_\_\_\_\_ hereby waives objection to the above referenced  
Application for an Unorthodox Location covering Energgen Resources Corporation's Carson #6A  
well.

Date: 11/23/99

By:   
Ed DiRe, Vice President