

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,

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

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:

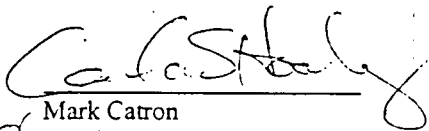
#5 Archeological resources prevent locating the well in an orthodox location.

#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 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

¹⁰ Surface Location

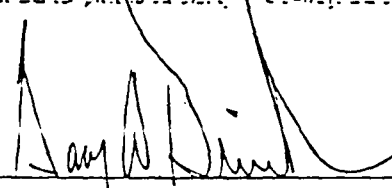
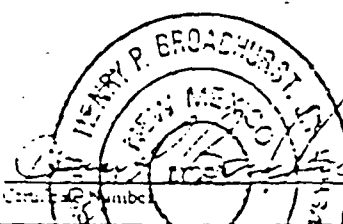
U.L. or lot nn.	Section	Township	Range	Lot Idn	Feet from the	North-South line	Feet from the	East-West line	County
C	29	30N	4W		1110'	NORTH	2450	WEST	RIO ARRIBA

¹¹ 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
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¹ Dedicated Acre 160	¹ Joint or Leased	¹ Consolidation Code	¹ 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	5278.65'		¹² 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 Position Name Production Superintendent Date 10/26/99
5280.00'				¹³ 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. Date of Survey 02/23/99 Signature and Seal of Professional Surveyor 
5280.00'	Section 29			
5280.00'				
5280.00'	WEST	5280.00'		

ENERGEN RESOURCES CORP.

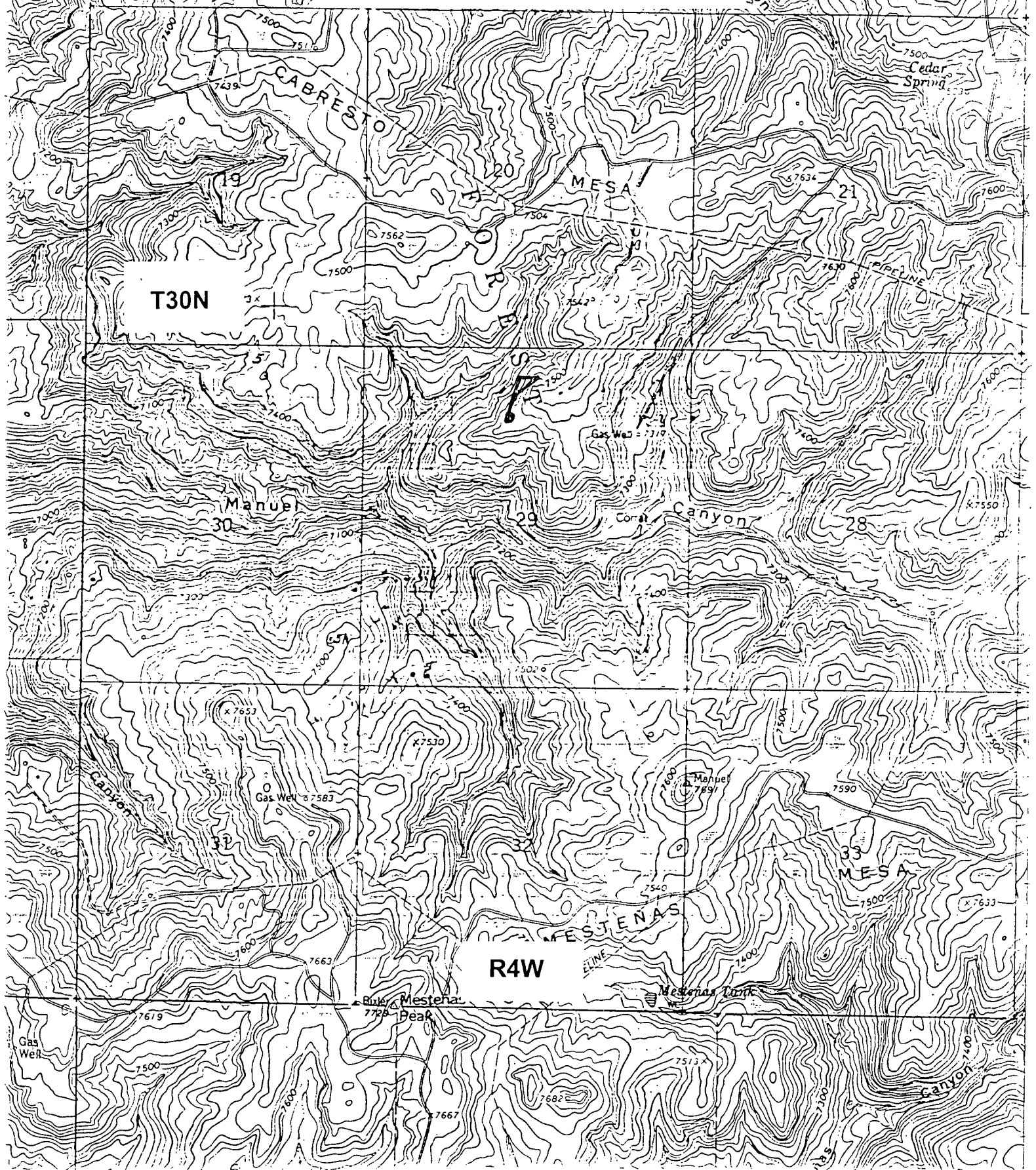
CARSON UNIT #6A

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'



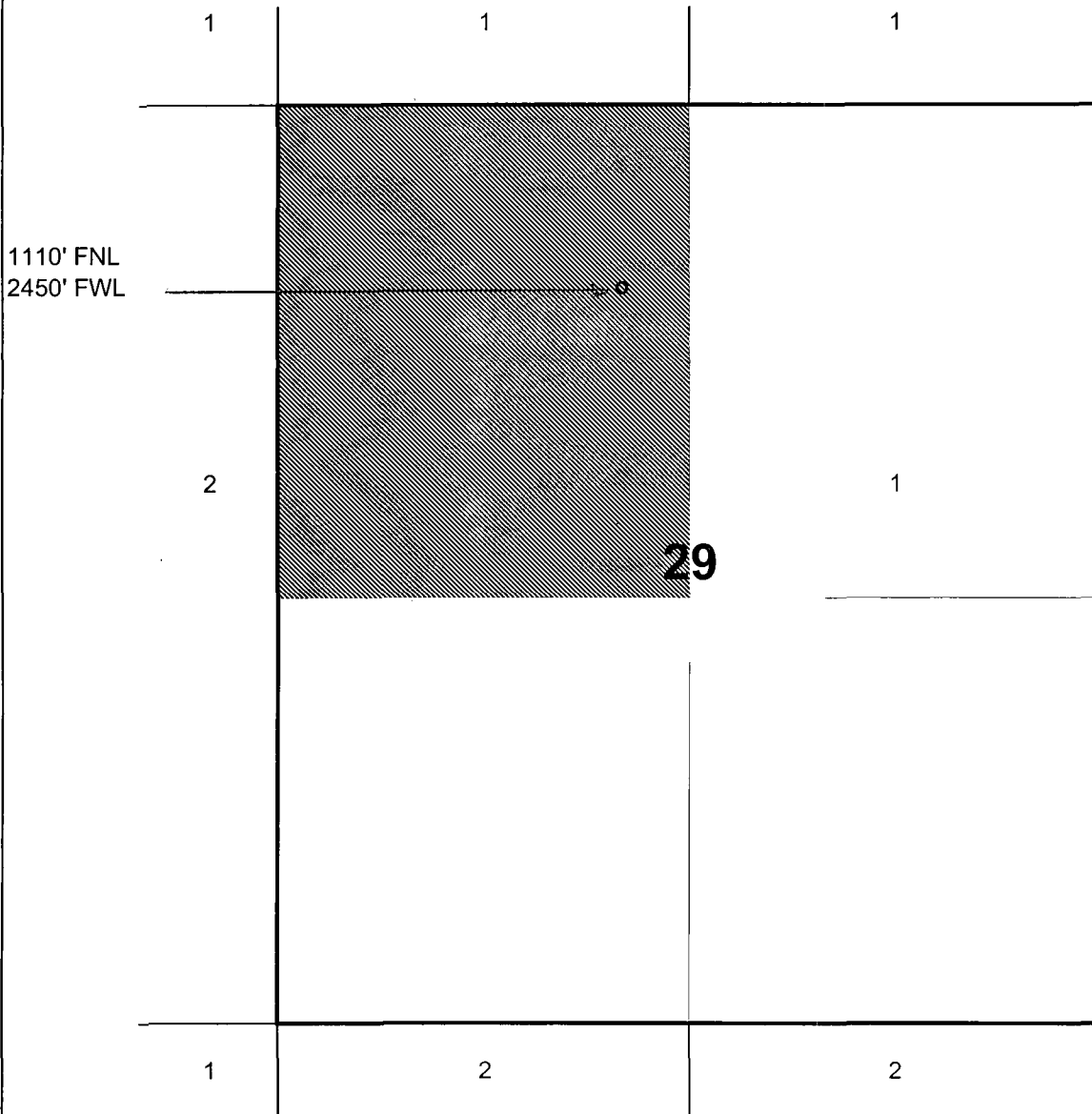
Energen Resources Corporation

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:

WELL NAME	LOCATION	SPACING UNIT
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,

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

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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 [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

4-16-99
 Date

District I
1811 Bog 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

16	WEST	5278.68'		¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief <i>Richard Corcoran</i> Signature Richard Corcoran Printed Name District Landman Title 4-16-99 Date
2450'				
5280.00'				
	Section 29			
5280.00'				
N00°06'W				¹⁸ 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. BROADHURST, JR. NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR
	WEST	5280.00'		

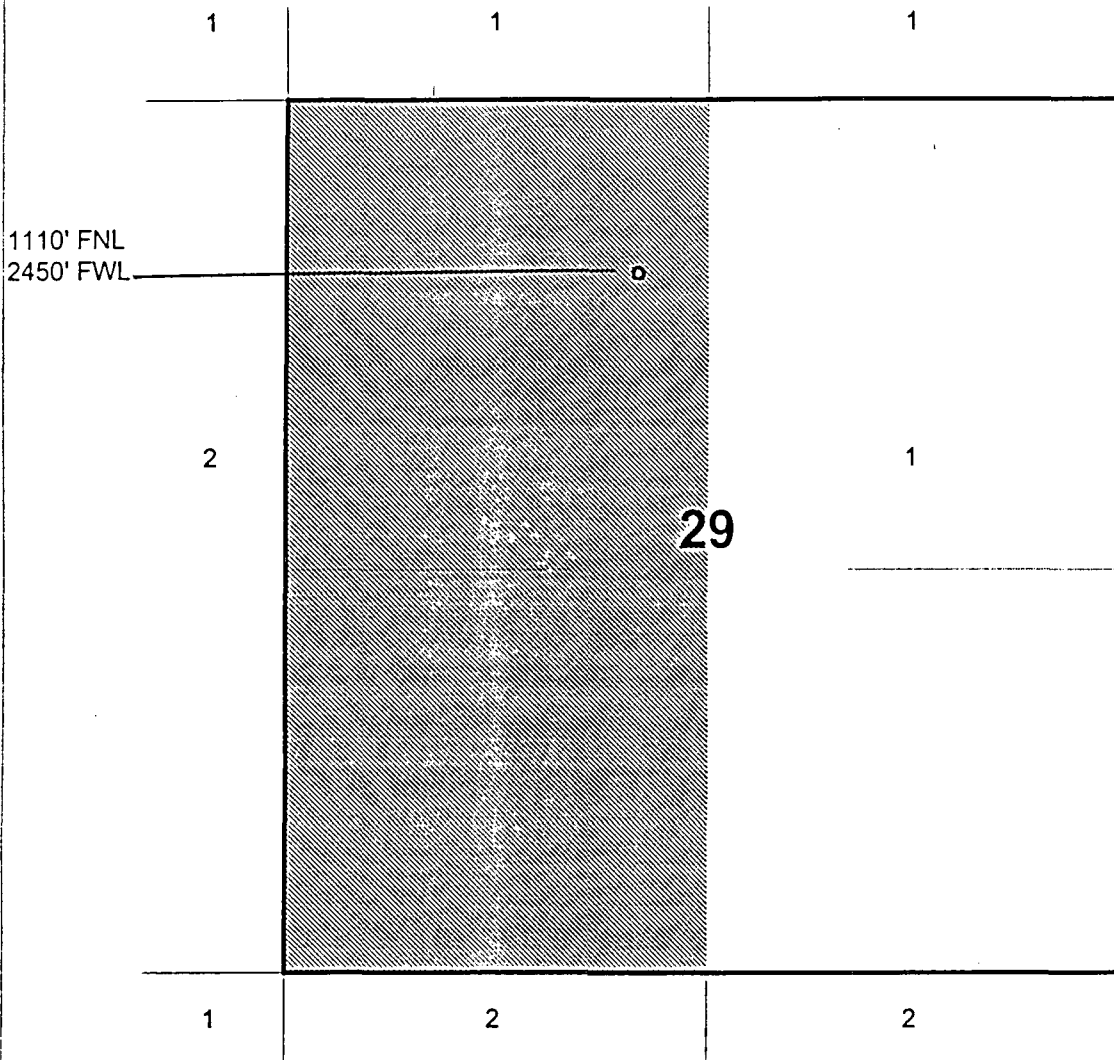
Energen Resources Corporation

Carson #6M

OFFSET OPERATOR \ OWNER PLAT

Dakota \ Mesa Verde Formations

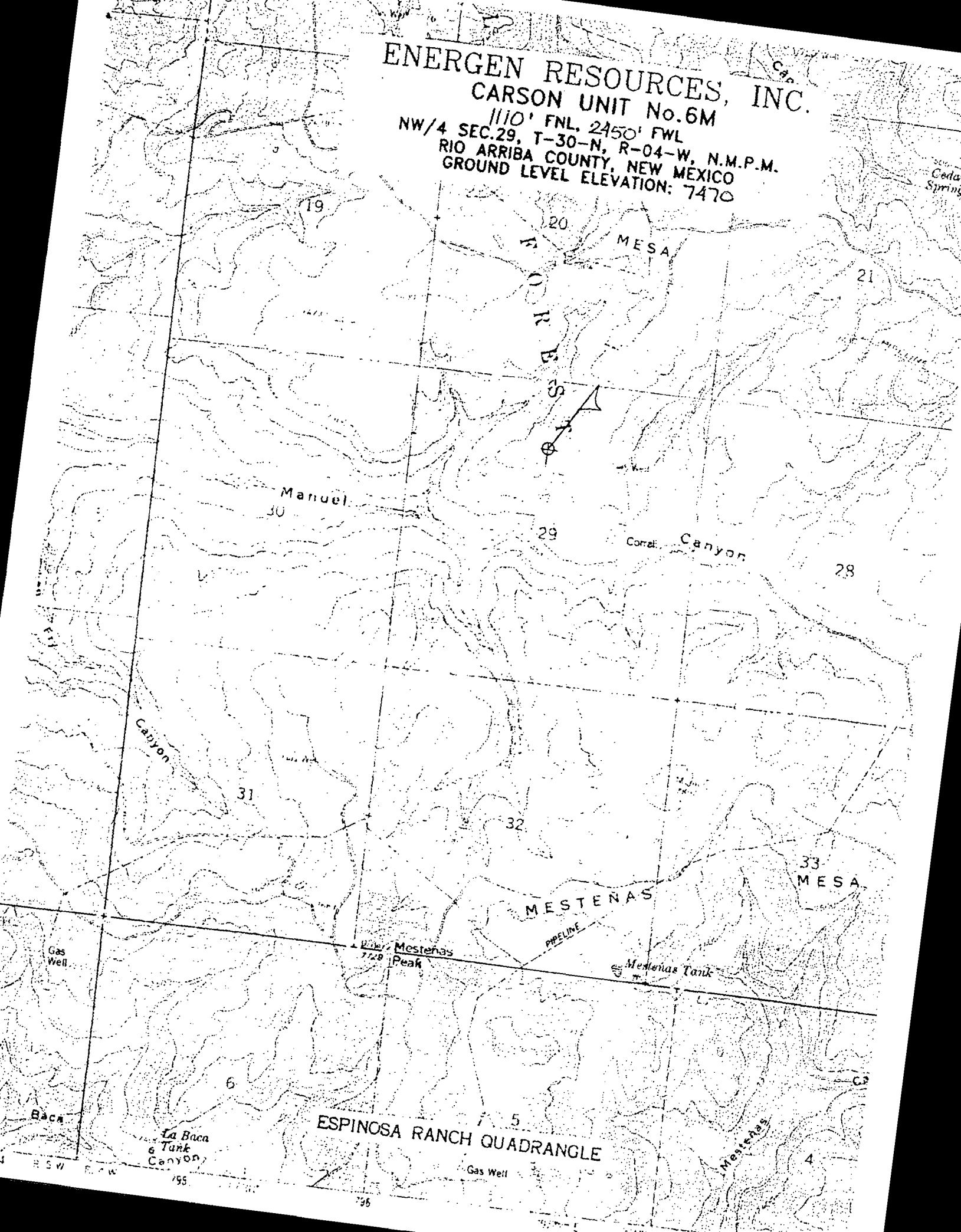
Township 30 North - Range 4 West



Tract 1	Energen Resources Corp.	100.000%	James M. Raymond	0.91146%
Tract 2	Energen Resources Corp.	78.60937%	Corinne Miller Gay	0.09115%
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	Trust UWO Algernon W. Brown	0.92442%		
	Kathleen Quinn, a widow	0.87500%		
	Ruth Zimmerman, Trustee	0.43750%		
	Burlington Resources Co.	2.18750%		

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





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,

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Carson 6M, T30N R4W Sec.29, 1110'FNL/2450'FWL

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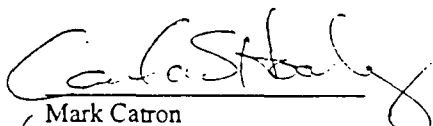
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#6M Threatened/endangered species concerns prevent locating the well in an orthodox location.

 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

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::

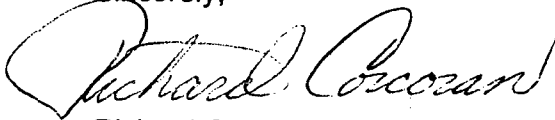
Energien Resources Corporation has filed with the New Mexico Oil Conservation Division (NMOCD) an Application for the Administrative Approval of an Unorthodox Location for the Carson #6A well.

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,



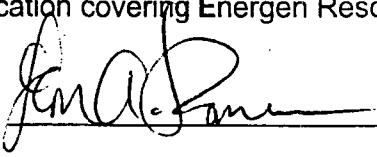
Richard Corcoran
District Landman

RC/tm
Enclosures

WAIVER

MAR OIL & GAS CORP hereby waives objection to the above referenced Application for an Unorthodox Location covering Energien Resources Corporation's Carson #6A well.

Date: 12/1/99

By: 



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

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

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.

RECEIVED
NOV - 4 1999

OIL CON. DIV.
DIST. 3

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

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

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

State of New Mexico
Energy, Minerals & Natural Resources Department
Revised October 13, 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

RECEIVED
BLM

99 OCT 26 PM 1:00

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAN

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

10 Surface Location

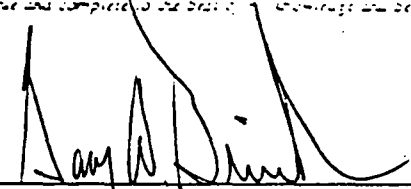
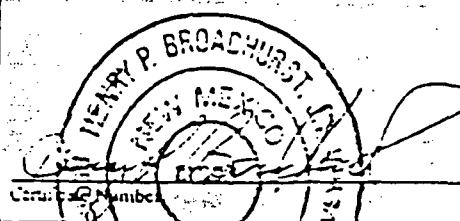
11 UL or lot no. C	12 Section 29	13 Township 30N	14 Range 4W	15 Lot 1dn	16 Feet from the 1110'	17 North-South line NORTH	18 Feet from the 2450	19 East-West line WEST	20 County RIO ARRIBA
-----------------------	------------------	--------------------	----------------	------------	---------------------------	------------------------------	--------------------------	---------------------------	-------------------------

21 Bottom Hole Location If Different From Surface

22 UL or lot no.	23 Section	24 Township	25 Range	26 Lot 1dn	27 Feet from the	28 North-South line	29 Feet from the	30 East-West line	31 County
------------------	------------	-------------	----------	------------	------------------	---------------------	------------------	-------------------	-----------

32 Dedicated Acres 160	33 Joint or Infill	34 Consolidation Code	35 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'	5278.63'	17 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 10/26/99 Date	
5280.00'	Section 29	5280.00'	18 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. 02/23/99 Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number
5280.00'	WEST 5280.00'		

HOLD C-104 FOR NSL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other in-
structions 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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. SF-079488-A	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR ENERGEN RESOURCES CORPORATION		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. 2198 Bloomfield Highway, Farmington, NM 87401		8. FARM OR LEASE NAME, WELL NO. Carson 6A	
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		9. API WELL NO. 30-039-26199	
14. PERMIT NO.		DATE ISSUED NOV - 4 1999	
15. DATE SPUDDED 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'		10. FIELD AND POOL, OR WILDCAT Blanco MV	
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	
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	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
9 5/8	36	286	12 1/4
7	23	4750	8 3/4
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4 1/2	4566	7088	325 cu. ft.
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
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	
6596-6734		34,728# 20/40 Sand	
		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	
DATE OF TEST 10/15/99		HOURS TESTED 7 Day SI	
CHOKE SIZE		PROD'N. FOR TEST PERIOD	
FLOW. TUBING PRESS. SI-697		CASING PRESSURE SI-827	
CALCULATED 24-HOUR RATE		OIL - BBL.	
OIL - BBL.		GAS - MCF.	
WATER - BBL.		GAS - OIL RATIO	
Pitot Test --		-- TSTM	
OIL GRAVITY - API (CORR.)			
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

*(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) LJSF	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) LJSF	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

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-079488-A

6. If Indian, Allottee or Tribe Name

7. 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

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.

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

RECEIVED
BLM

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

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 or 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

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 Plant
☐ 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.)*

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. Becker Title Assistant Secretary

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 I
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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

RECEIVED
BLM

☐ AMENDED REPORT

99 AUG 30 PM 12:56

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ A/L Number 30-039-26199	² Pool Code 72329/71599	³ Farmington, NM 070 Blanco Mesaverde
⁴ Property Code 21185	⁵ Property Name CARSON	⁶ Well Number 6A
⁷ OGRID No. 162928	⁸ Operator Name ENERGEN RESOURCES, INC.	⁹ Elevation 7470'

¹⁰ Surface Location


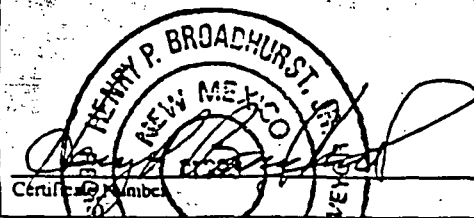
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
C	29	30N	4W		1110'	NORTH	2450	WEST	RIO ARriba

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 320	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

¹⁶ WEST 2450' 5280.00' Section 29 5280.00' N00°06'W WEST 5280.00'	¹⁷ 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 8/26/99 Date
	¹⁸ 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: 

NEL-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

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

89 SEP - 7 PM 1:55

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.

RECEIVED
SEP 10 1999

OIL CON. DIV.
DIST. 3

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

9. API Well No.

30-039-26199

10. Field and Pool, or exploratory Area

Blanco MV

11. County or Parish, State

Rio Arriba

NM

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TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ 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

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.

* See Instruction on Reverse Side

NMOC

FARMINGTON FIELD OFFICE
BY 6217

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTRECEIVED
BLM

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

99 MAY 12 PM 12:07

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

070 FARMINGTON, NM

SINGLE
ZONEMULTIPLE
ZONE☒

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

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 2300

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

7470' GL

16. NO. OF ACRES IN LEASE

1786.72

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

19. PROPOSED DEPTH

8950'

20. ROTARY OR CABLE TOOLS

Rotary

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

22. APPROX. DATE WORK WILL START*

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

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:

/S/ Duane W. Spencer

Team Lead, Petroleum Management

JUN 14 1999

APPROVED BY

TITLE

DATE

*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 BUREAU NSLC

NMOCD

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

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

99 MAY 12 PM 12:07

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. A1# Number 30-039-26199	2. Pool Code 72329/71599	3. Pool Name Blanco Mesaverde/Basin Dakota
4. Property Code 21185	5. Property Name CARSON UNIT	6. Well Number 6M
7. OGRID No. 162928	8. Operator Name ENERGEN RESOURCES, INC.	9. 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

12. Dedicated Acres 320/320	13. Joint or Infill	14. Consolidation Code	15. Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div>16</div> <div>WEST</div> <div>5278.68'</div> <div>1110'</div> <div>2450'</div> <div>5280.00'</div> <div>Section 29</div> <div>5280.00'</div> <div>WEST</div>	<div>17 OPERATOR CERTIFICATION</div> <div>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</div> <div>Signature Gary W. Brink</div> <div>Printed Name Production Superintendent</div> <div>Title</div> <div>Date 5/10/99</div>	
	<div>18 SURVEYOR CERTIFICATION</div> <div>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.</div> <div>02/23/99</div> <div>Date of Survey</div> <div>Signature and Seal of Professional Surveyor:</div>	
	<div>RECEIVED</div> <div>JUN 17 1999</div> <div>OIL CON. DIV.</div> <div>DIST. 3</div>	
	<div>Henry P. Broadhurst, Jr.</div> <div>NEW MEXICO</div> <div>REGISTERED PROFESSIONAL SURVEYOR</div>	

ENERGEN RESOURCES, INC.

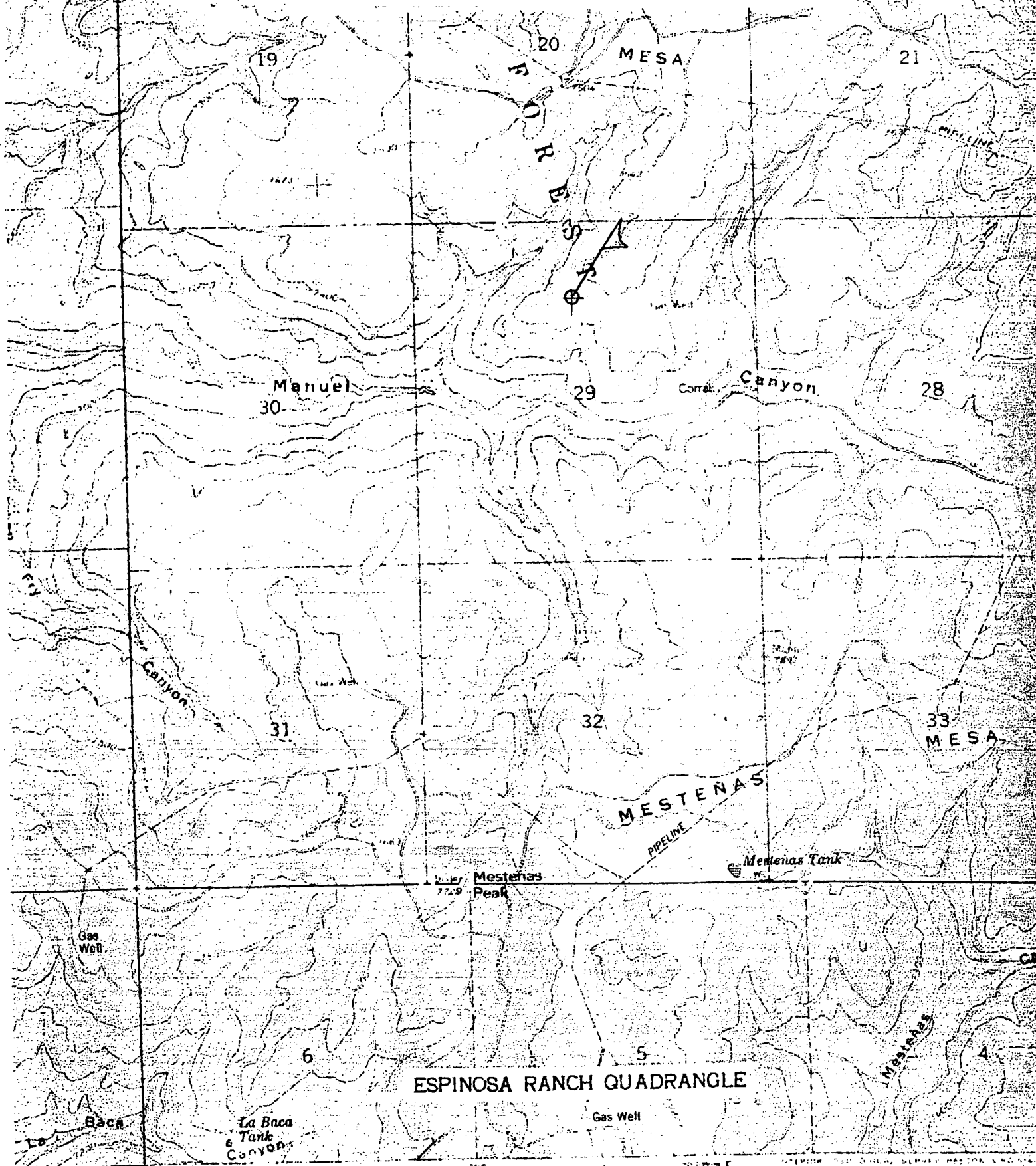
CARSON UNIT No.6M

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



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 :
OG5SECTONGARD
INQUIRE LAND BY SECTION11/24/99 10:58:05
OGOMES -TPVK
PAGE NO: 2

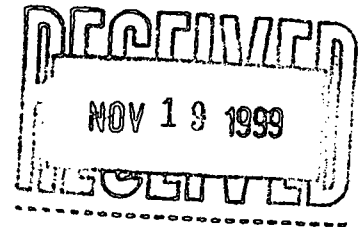
Sec : 29 Twp : 30N Rng : 04W Section Type : NORMAL

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

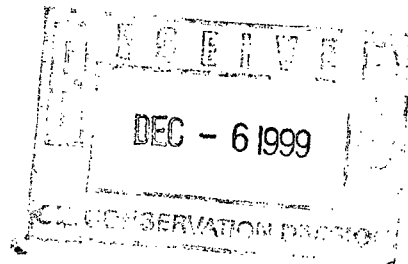
WAIVER

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, HIF

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
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

ENERGEN RESOURCES CORP.

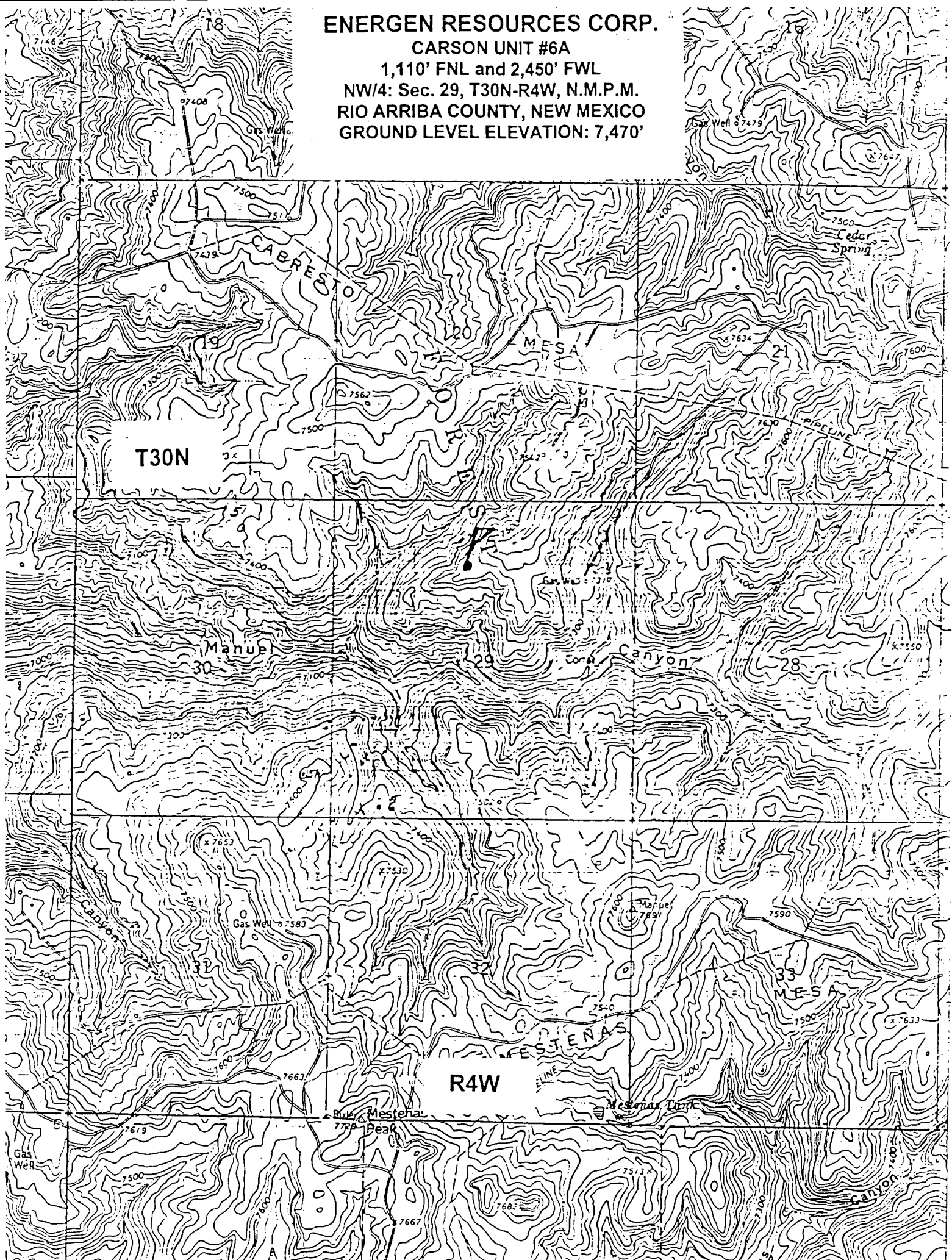
CARSON UNIT #6A

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 I
1111 West 1900, Hobbs, NM 87410-1900
District II
311 South First, Artesia, NM 87010
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

Energy, Minerals & Natural Resources Department

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	³ Well Number 6A
¹ OGRID No. 162928	¹ Operator Name ENERGEN RESOURCES, INC.	³ Elevation 7470'

¹⁰ Surface Location

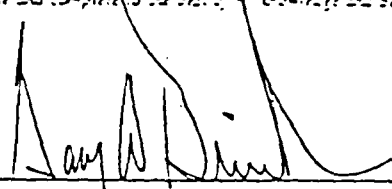
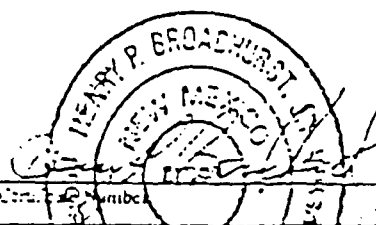
UL or lot no. C	Section 29	Township 30N	Range 4W	Lot Idn	Feet from the 1110'	North-South line NORTH	Feet from the 2450	East-West line WEST	County RIO ARriba
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North-South line	Feet from the	East-West line	County
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¹ Dedicated Acre 160	¹² Joint or Infill	¹³ Consolidation Code	¹⁴ Owner 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

WEST 2450'	5278.63'	¹⁰ OPERATOR 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.  Signature Gary W. Brink Production Superintendent Date 10/26/99
5280.00'	Section 29	5280.00'
WEST 5280.00'	5280.00'	¹¹ 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. Date of Survey 02/23/99 Signature and Seal of Professional Surveyor: 

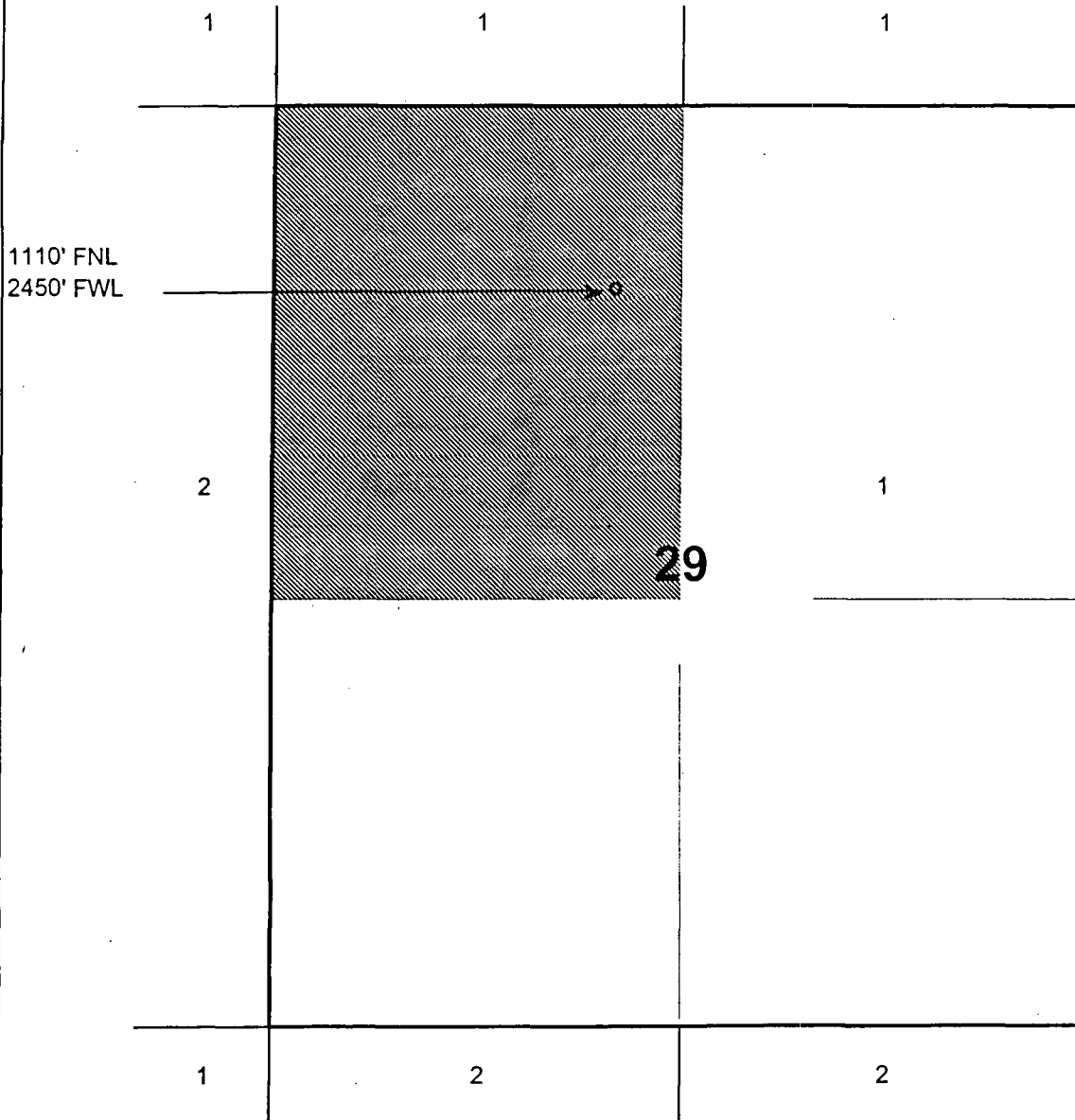
Energen Resources Corporation

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 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,

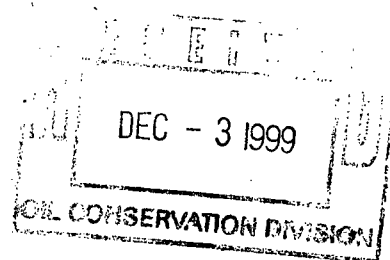
A handwritten signature in cursive script that reads "Richard Corcoran".

Richard Corcoran
District Landman

RC/tm

Enclosures

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:

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,

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

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 Energen Resources Corporation's Carson #6A
well.

Date: 11/23/99

By: _____

A handwritten signature in cursive script that reads "Ed DiRe".

Ed DiRe, Vice President