

DATE IN 6/29/01	SUSPENSE 7/19/01	ENGINEER MS	LOGGED KW	TYPE NSL
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ABOVE THIS LINE FOR DIVISION USE ONLY.

118339078

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]

CARSON # 6

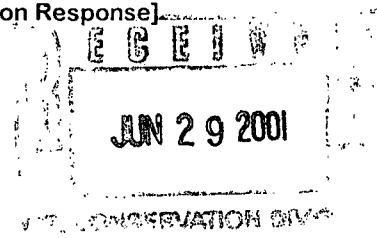
[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

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

Check One Only for [B] and [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] [X] 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 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 P. Corcoran  
Print or Type Name

*Richard P. Corcoran*  
Signature

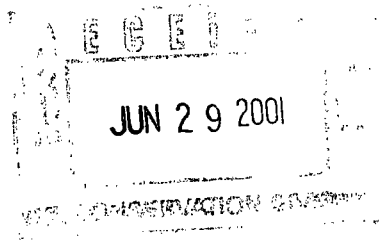
District Landman  
Title

6-28-01  
Date



June 28, 2001

Michael E. Stogner  
New Mexico Oil Conservation Division  
1220 South Saint Francis Drive Rm. 138  
Santa Fe, New Mexico 87505



RE: ADMINISTRATIVE APPROVAL OF UNORTHODOX LOCATION  
CARSON #6  
150' FSL & 835' FWL  
SECTION 20, T30N-R4W  
RIO ARriba COUNTY, NEW MEXICO  
EAST BLANCO PICTURED CLIFFS

Dear Mr. Stogner:

Energen Resources Corporation (Energen) requests administrative approval for an unorthodox location of its Carson #6 well under the provisions of NMOCD general Rule 104.

The subject well was drilled and completed on October 15, 1999, as a Mesaverde well with a spacing unit consisting of the W/2 of Section 29-T30N-R4W.

Under administrative order NSL-4277, dated May 10, 1999, the NMOCD authorized an unorthodox location for the captioned well in the Blanco-Mesaverde and Basin-Dakota Pools. (copy enclosed)

Energen is making plans to reenter the subject wellbore, perforate and fracture the Pictured Cliffs and commingle it with the existing Mesaverde production. An application to downhole commingle is being submitted under separate cover.

The existing location does not conform to footage specifications for the East Blanco Pictured Cliffs Pool requiring approval for an unorthodox location to use the existing wellbore. The location was originally chosen due to extremely rough terrain, the presence of isolated cultural artifacts and at the request of the Forest Service to minimize disturbance to wildlife and vegetation. By moving up the hole in the existing wellbore Energen would be able to minimize environmental damage and gain production from a new formation.

Energen is the operator for all surrounding Pictured Cliffs spacing units, except to the south (consisting of the N/2 of Section 32). A copy of this application is being submitted to all offset owners by certified mail.

Attached is a well location plat showing dedicated acreage and a map identifying the offset owners.

If there should be any questions or additional information is needed, please contact me.

Sincerely,

Richard Corcoran  
District Landman

Enclosures

RC/ga

ADDRESSES OF PARTIES

EJE Brown Company  
Attn: Debra Coughlin  
c/o Bank of America  
P.O. Box 2546  
Fort Worth, Texas 76113-2546

H.O. Pool Trust  
Thelma Pool Trust  
Wells Fargo Trust Oil & Gas  
P.O. Box 5383  
Denver, Colorado 80217

James M. Raymond  
Corinne Miller Gay  
Maydell Miller Mast Trusts  
Lorrayn Gay Hacker  
P.O. Box 291445  
Kerrville, Texas 78028

Providence Minerals  
Attn: Karen Herbst  
14860 Montfort Drive, Suite 209  
Dallas, TX 75240

MAR Oil & Gas  
Attn: Leon Romero  
P.O. Box 5155  
Santa Fe, New Mexico 87502

Burlington Resources  
Attn: David Valdez  
P.O. Box 4289  
Farmington, New Mexico 87499-4289

Thomas P. Tinnin, a married man as his sole and separate property  
2303 Candelaria NW  
Albuquerque, New Mexico 87107

The Tinnil, A New Mexico Ltd. Liability Company  
c/o Mr. Robert P. Tinnin, Jr.  
Hinkle, Hensley, Shanor and Martin, LLP  
500 Marquette, NW, Suite 800  
Albuquerque, NM 87102

Ruth Zimmerman  
Attn: Hazel Hart  
842 Muirlands Vista Way  
La Jolla, California 92037

T.H. McElvain Oil & Gas  
Attn: Mona Binion  
1050 17<sup>th</sup> Street, Suite 710  
Denver, CO 80265

Dugan Production Corp.  
Attn: David Poage  
P.O. Box 420  
Farmington, New Mexico 87499

Energen Resources Corporation  
2198 Bloomfield Highway  
Farmington, New Mexico 87401

Trust UWO Evelyn G. Brown  
Trust UWO Algernon W. Brown  
Chase Bank of Texas  
Attn: Mr. Dave Parker  
P. O. Box 2558  
Houston, TX 77252-8033

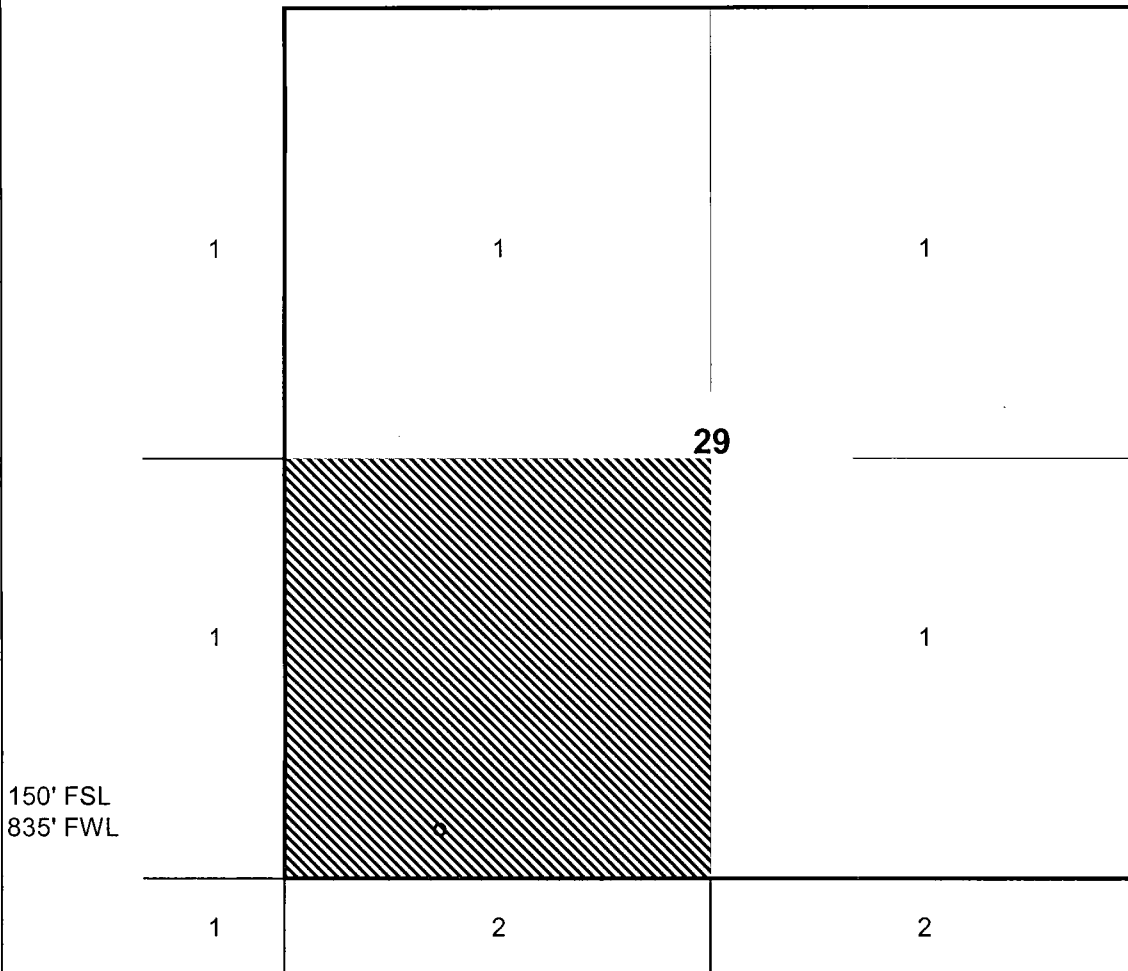
# Energen Resources Corporation

Carson #6

OFFSET OPERATOR \ OWNER PLAT

Pictured Cliffs

Township 30 North - Range4 West



Tract 1	Energen Resources Corp.	100.000%	James M. Raymond	0.91146%
Tract 2	Energen Resources Corp.	79.48437%	Charles W. Gay	0.04557%
	Mc Elvain Oil & Gas Corp.	5.46875%	Lorrayn Gay Hacker	0.04557%
	MAR Oil & Gas Corp.	3.12500%	Maydell Miller Mast	0.09115%
	Dugan Production Corp.	1.31250%	Tinmil LLC	0.21875%
	Providence Minerals	1.31250%	Thomas P. Tinnin	0.10937%
	Thelma K. Pool Rev. Trust	1.31250%		
	H. O. Pool Irv. Trust	1.31250%		
	EJE Brown Co.	1.31250%		
	Trust UWO Evelyn G. Brown	0.38808%		
	Trust UWO Algernon W. Brown	0.92442%		
	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 Wrotenbery  
Director

LW/MES/kv

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

District I  
190 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

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised October 18, 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

<sup>1</sup> API Number 30-039-26145	<sup>2</sup> Pool Code 72400/72319	<sup>3</sup> Pool Name E Blanco PC/ Blanco Mesa Verde
<sup>4</sup> Property Code 21185	<sup>5</sup> Property Name CARSON	<sup>6</sup> Well Number 6
<sup>7</sup> OGRID No. 162928	<sup>8</sup> Operator Name ENERGEN RESOURCES, INC.	<sup>9</sup> Elevation 7437'

<sup>10</sup> Surface Location

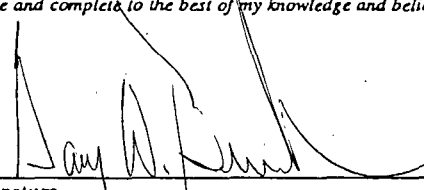
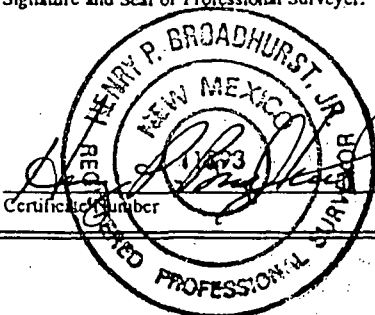
UL or lot no. M	Section 29	Township 30N	Range 4W	Lot Idn	Feet from the 150'	North/South line SOUTH	Feet from the 835'	East/West line WEST	County RIO ARriba
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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<sup>12</sup> Dedicated Acres 160/320	<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>16</sup> WEST 5280.00' 5280.00'	Section 29	5277.36'	<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Gary W. Brink Printed Name Production Superintendent Title 6/13/01 Date
835' 150' WEST		5280.00'	<sup>18</sup> SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 12/04/98 Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number

County Rio Arriba

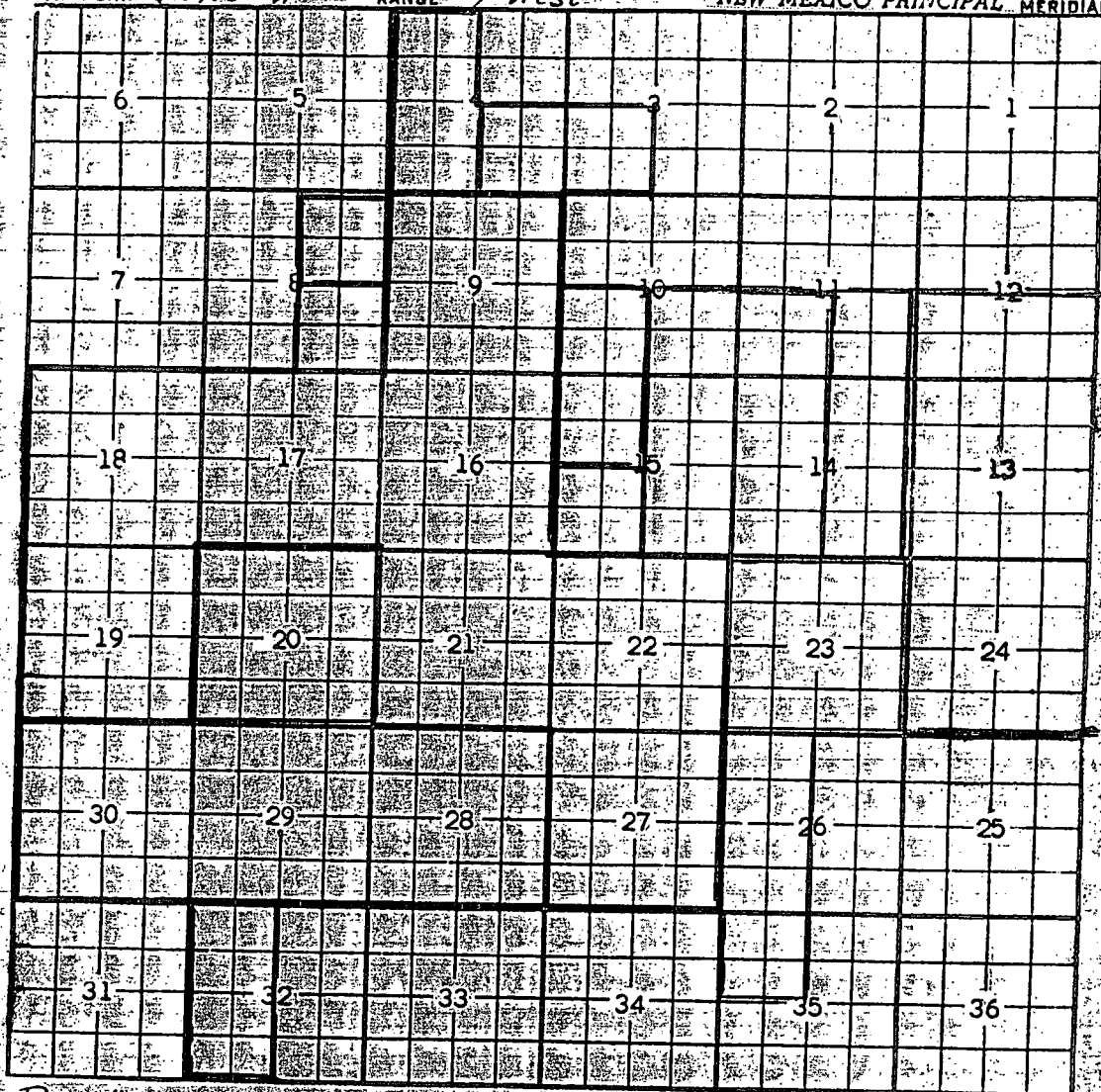
Pool

East Blanco - Pictured CliffsTOWNSHIP 30 North

RANGE

4 West

NEW MEXICO PRINCIPAL MERIDIAN



Description: All Sec 9, 16, 17, 18, 19, 21, 22 & 27 (R-409, 3-31-54)

Ext: All Sec 28, 29 & 30 (R-468, 5-25-54) - All Sec 20 (R-542, 11-17-54)

= SE 1/4 Sec 8, SW 1/4 Sec 15 (R-903, 10-26-56) - SW 1/4 Sec 10, NW 1/4 Sec 12 (R-1130, 3-1-58)

= SW 1/4 Sec 3, SE 1/4 Sec 4 (R-1313, 1-1-59) - 1/2 Sec 32 (R-4292, 5-1-72)

Ext: All Sec 23 (R-4963, 3-1-75) Ext: 1/2 Sec. 4 (R-6327, 5-1-80)

Ext: SE 1/4 Sec. 11, E 1/2 Sec. 14, W 1/2 Sec. 26, NW 1/4 Sec. 35 (R-7046, 8-6-82)

Ext: SE 1/4 SEC 10, SW 1/4 SEC 11, 3/2 SEC 12, ALL SEC 13, W 1/2 SEC 14, E 1/2 SEC 15,

ALL SEC 24 (R-8713, 8/12/88) Ext: NE 1/4 Sec. 8 (R-11540, 2-26-01)

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

07/30/01 13:28:04  
OGOMES -TQL6  
PAGE NO: 1

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

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

07/30/01 13:28:07  
OGOMES -TQL6  
PAGE NO: 2

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

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

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

CMD :  
OG6IWCM

ONGARD  
INQUIRE WELL COMPLETIONS

07/30/01 13:28:16  
OGOMES -TQL6

API Well No : 30 39 26145 Eff Date : 10-15-1999 WC Status : A  
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
OGRID Idn : 162928 ENERGEN RESOURCES CORPORATION  
Prop Idn : 21185 CARSON

Well No : 006  
GL Elevation: 7437

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn : M	29	30N	04W	FTG	150 F S	FTG 835 F W	P

Lot Identifier:

Dedicated Acre: 320.00

Lease Type : F

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

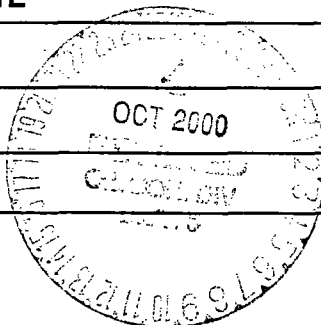
SUNDRY NOTICES AND REPORTS ON WELLS

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)  
150' FSL, 835' FWL, Sec. 29, T30N, R4W, N.M.P.M.



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 6

9. API Well No.  
30-039-26145

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 Reseeding
- ☐ 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.)\*

This location was reseeded on 09/28/2000.

ACCEPTED FOR RECORD

OCT 24 2000

FARMINGTON DISTRICT OFFICE

*[Signature]*

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

Signed Vicki Donaghey

Title Production Assistant

Date 10/09/2000

(This space for Federal or State office use)

Approved by

Title

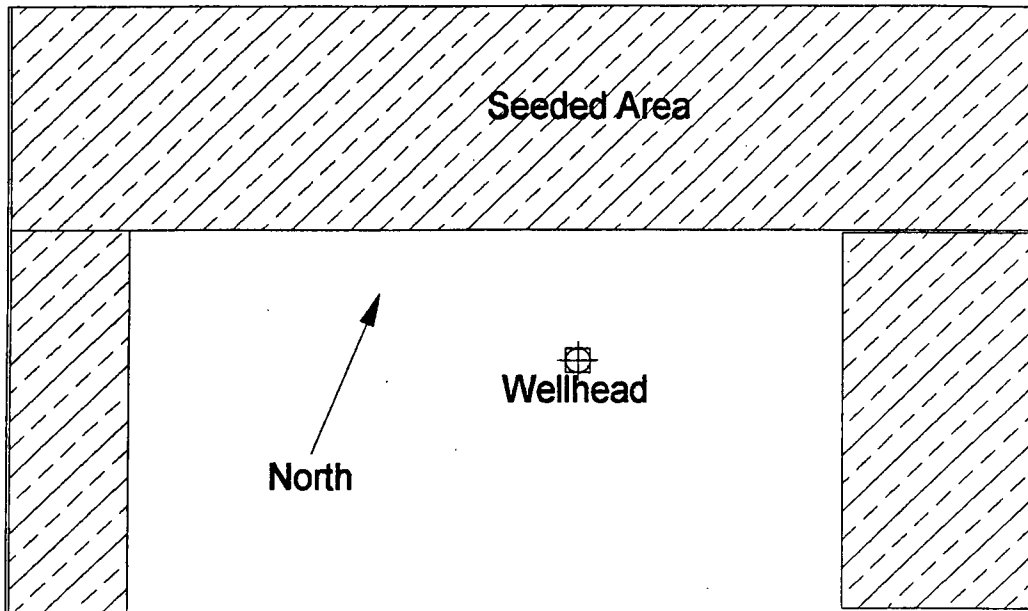
Date

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

AMOCU



(NOT TO SCALE)

Company: Energen Resources

Location: Carson 6

Legal Description: Section 29, T30 N, R4W, NMPM

County: Rio Arriba

State: NM

Lease #: \_\_\_\_\_

Area Seeded: Approximately 1 acre

Seed Mix: BLM Mix # 4

Seed Rate: 7.1 PLS Lbs/ Acre

Seed Process: Drill \_\_\_\_\_ Hand X Other \_\_\_\_\_

Seed Bag Number: 5

Date of Seeding: September 28, 2000

Was location ripped before seeding?

Yes X

No \_\_\_\_\_

If No, describe

Topography: Flat

Comments: \_\_\_\_\_

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
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

Form C-104

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address ENERGEN RESOURCES CORPORATION 2198 Bloomfield Highway Farmington, NM 87401		<sup>2</sup> OGRID Number 162928
		<sup>3</sup> Reason for Filing Code New Well
<sup>4</sup> API Number 30-0 30-039-26145	<sup>5</sup> Pool Name Blanco Mesaverde	<sup>6</sup> Pool Code 72319
<sup>7</sup> Property Code 21185	<sup>8</sup> Property Name Carson	<sup>9</sup> Well Number 6

II. <sup>10</sup> Surface Location

UL or lot no. M	Section 29	Township 30N	Range 4W	Lot. Idn	Feet from the 150'	North/South Line South	Feet from the 835'	East/West line West	County Rio Arriba
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<sup>11</sup> Bottom Hole Location

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> Lse Code	<sup>13</sup> Producing Method Code	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
25244	WILLIAMS FIELD SERVICES CO P. O. BOX 58900 SALT LAKE CITY, UTAH 84158-0900	2824279	G	M-29-T030N-R004W
9018	GIANT INDUSTRIES 5764 U.S. HWY 64 FARMINGTON, NM 87401	2824278	0	M-29-T030N-R004W

IV. Produced Water

<sup>23</sup> POD 2824260	<sup>24</sup> POD ULSTR Location and Description
------------------------------	--

V. Well Completion Data

<sup>25</sup> Spud Date 9/18/99	<sup>26</sup> Ready Date 10/15/99	<sup>27</sup> TD 7000	<sup>28</sup> PBSD 6999	<sup>29</sup> Perforations 5164-6833	<sup>30</sup> DHC, DC, MC
<sup>31</sup> Hole Sie 12 1/4	<sup>32</sup> Casing & Tubing Size 9 5/8	<sup>33</sup> Depth Set 326	<sup>34</sup> Sacks Cement 177 cu. ft., circ.		
8 3/4	7	4674	1212 cu. ft., circ.		
6 1/4	4 1/2	4505-6999	343 cu. ft., circ.		
	2 3/8	6652			

VI. Well Test Data

<sup>35</sup> Date New Oil	<sup>36</sup> Gas Delivery Date	<sup>37</sup> Test Date 10/22/99	<sup>38</sup> Test Length 7 Day SI	<sup>39</sup> Tbg. Pressure SI-410	<sup>40</sup> Csg. Pressure SI-1117
<sup>41</sup> Choke Size	<sup>42</sup> Oil	<sup>43</sup> Water	<sup>44</sup> Gas	<sup>45</sup> AOF	<sup>46</sup> Test Method
			Pitot Test --	-- 0 mcf/d	

<sup>47</sup> I hereby certify that the files of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:  
Gary W. Brink

Title:  
Production Superintendent

Date: 10/25/99

Phone: 505-325-6800

11-1-99 OIL CONSERVATION DIVISION

Approved by:

Title: SUPERVISOR DISTRICT #3

Approval Date: NOV -1 1999

<sup>47</sup> If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date

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

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 6

9. API WELL NO.

30-039-26145

10. FIELD AND POOL, OR WILDCAT

Blanco MV

11. SEC., T., R., M., OR BLK.

Sec. 29, T30N, R4W, N.M.P.M.

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

## 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

150' FSL, 835' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

9/18/99

16. DATE T.D. REACHED

10/3/99

17. DATE COMPL. (Ready to prod.)

10/15/99

18. ELEVATIONS (OF, RKB, RT, GR, ETC.)\*

7437' GL

19. ELEV. CASINGHEAD

7437'

20. TOTAL DEPTH, MD &amp; TVD

7000'

21. PLUG, BACK T.D., MD &amp; TVD

6999

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)\*

5164' - 6833' 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	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8	36	326	12 1/4	177 cu. ft., circ. 150	
7	23	4674	8 3/4	1212 cu. ft., circ. 70	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2	4505	6999	343 cu. ft.	circ.	2 3/8	6753	
			260				

31. PERFORATION RECORD (Interval, size and number)

0.34: 6532, 34, 38, 40, 65, 66, 67, 76, 77, 78, 79

80-88, 6616, 18, 52, 54, 70, 72, 74, 6729, 31, 41,

43, 6829, 31-33

(35 Holes) 1JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6532-6833	69,680 gals Slickwater
	69,600# 20/40 Sand
6080-6449	52,200 gals Slickwater
	50,600# 20/40 Sand OVER>

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut-in)	
10/15/99		Flowing				Shut In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS - OIL RATIO
10/22/99	7 Day SI						
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY - API (CORR.)	
SI-410	SI-1117			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

10/25/99

\*(See Instructions and Spaces for Additional Data 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.

NMOCD

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, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
		5165-5667	0.34: 6080, 82, 84, 98, 99, 6187, 88, 6200, 02, 56, 58, 66, 68, 92, 96, 6300, 01, 02, 03, 05, 06, 09, 10, 11, 14, 16, 18, 20, 22, 24, 6446, 47, 48, 49 (34 Holes) 1JSPF	Ojo Alamo	3525	
				Kirtland	3765	
				Fruitland	4060	
				Pictured Cliffs	4184	
				Lewis	4440	
				Huerfano Bent.	5140	
				Cliff House	5995	
				Menefee	6330	
				Point Lookout	6530	
			78,100 gals 60 Q Foam 91,700# 20/40 Sand			

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

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)

150' FSL, 835' 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. If Unit or CA, Agreement Designation

8. Well Name and No.

Carson 6

9. API Well No.

30-039-26145

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 Case
- ☐ 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.)\*

9/28/99 Drilled to 4675'. Ran 105 jts. 7" 23# J-55 casing 4661' set at 4674'. DV tool set at 3773'. Cemented 1st Stage with 150 sks 50/50 poz, 2% gel, 5#/sk gilsonite, 1/4#/sk flocele, 0.4% Halad-9, 0.1% HR-5 and 0.2% CFR-3. (198 cu. ft.) Plug down 9:10 am 9/29/99. Open stage collar. Circ. 6 bbl slurry off DV tool. Cement 2nd Stage with 460 sks 65/35 poz, 6% gel, 10#/sk gilsonite, 1/2#/sk flocele and 1% CaCL2 followed by 100 sks class B, 2% CaCL2, 10#/sk gilsonite, 1/2#/sk flocele (1014 cu. ft.) Plug down 1:10 pm 9/29/99. Circ. 31 bbl slurry to surface. WOC. Tested casing to 1200 psi - OK.

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

Signed

*Monica Papp*

Title Production Assistant

Date 10/14/99

(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 or to any person, false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\* See Instruction on Reverse Side

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

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)

150' FSL, 835' 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. If Unit or CA, Agreement Designation

8. Well Name and No.

Carson 6

9. API Well No.

30-039-26145

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 Case  
☐ 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.)\*

10/3/99 Drilled to 7000'. Ran 56 jts. 4 1/2" 10.5# J-55 casing 2494' set at 6999'. Top of liner hanger at 4505'. Cemented with 260 sks 50/50 poz. 2% gel. 5#/sk gilsonite. 1/4#/sk flocele. 0.4% Halad-9. 0.1% HR-5. 0.2% CFR-3. (343 cu. ft.) Plug down 8:50 am 10/3/99. Circ. trace of cement of liner hanger. WOC.

RECEIVED  
OCT 22 1999  
OIL COM. DIV.  
DIST. 3

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

Signed

Monica Papp

Title Production Assistant

Date 10/14/99

(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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\* See Instruction on Reverse Side

NMOCU

FARMINGTON FIELD OFFICE  
BY 1-11

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

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)

150' FSL, 835' 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. If Unit or CA, Agreement Designation

8. Well Name and No.

Carson 6

9. API Well No.

30-039-26145

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 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.)\*

9/18/99 Spud well 9 pm 9/18/99 drilled to 330'. Ran 7 jts 9 5/8" 36# J-55 casing 311' set at 326'. Cemented with 150 sks Class B, 2% CaCL2. 1/4#/sk flocele. (177 cu. ft.) Plug down 9:30 am 9/19/99. Circ. 24 sk cement to surface. WOC. Test casing to 600 psi - OK.

NOTE: THIS IS A ROW PIPELINE APPROVED APD.

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

Signed Monica Taylor

Title Production Assistant

Date 9/23/99

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

ACCEPTED FOR RECORD

OCT 01 1999

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\* See Instruction on Reverse Side

NMOCD

FARMINGTON FIELD OFFICE  
BY B. M.

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)

150' FSL, 835' FWL, Sec. 29, T30N, R4W, N.M.P.M.

RECEIVED  
IN SEP - 7 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 6

9. API Well No.

30-039-26145

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.)\*

Due to the Dakota being non-productive, it is intended to change our drilling plan to a Mesaverde only.  
Total depth 7000'.

Casing Program:

9 5/8"	36#	200'	125 cu. ft., circ.
7"	20 & 23#	4695'	1056 cu. ft., circ. 2 stage
4 1/2"	10.5#	4545'-7000'	386 cu. ft., circ.

NOTE: Cement slurry recalculated from original operation plan.

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

Title

Date

AUG 31 1999

Conditions of approval, if any:

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\* See Instruction on Reverse Side

NMOC

NSL-4277

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

93 MAR 16 PM 1:48

b. TYPE OF WELL

OIL ☐

GAS ☒

OTHER

070 SINGLE ZONE MULTIPLE 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

150' FSL, 835' FWL

At proposed prod. zone

MAY 20 1999

OIL CON. DIV.

DIST. 3

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 drlg. unit line, if any)

150

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.

2500

19. PROPOSED DEPTH

8875'

20. ROTARY OR CABLE TOOLS

Rotary

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

7437' GL

This action is subject to technical and  
procedural review pursuant to 43 CFR 3105.3  
and appeal pursuant to 43 CFR 3105.4.

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#	4695'	1520 cu. ft., circ. - 2 stages
6 3/4	5 1/2	17#	8875'	535 cu. ft., to intermediate

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED

An application to dual complete is being submitted to NMCD.

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.

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

3/15/99

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

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

*[Signature]*

TITLE

Admng Team Lead

DATE

5/18/99

\*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.

NSC-4277@

NMCD

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, NM 87505

RECEIVED  
BLM

99 MAR 16 PM 1:49

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. All Number 30-039-26145		2. Pool Code 72329/71599		3. Pool Name 070 FARMINGTON, NM Blanco Mesaverde/Basin Dakota	
4. Property Code 21185		5. Property Name CARSON		6. Well Number 6	
7. OGRID No. 162928		8. Operator Name ENERGEN RESOURCES, INC.		9. Elevation 7437'	

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
M	29	30N	4W		150'	SOUTH	835'	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	13 Joint or Infill	14 Consolidation Code	15 Order No.
320			

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>16 WEST</p> <p>5280.00'</p> <p>5280.00'</p> <p>5280.00'</p> <p>5280.00'</p> <p>835'</p> <p>150'</p> <p>WEST</p>	<p>Section 29</p>		<p>5277.36'</p>	<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>[Signature]</i></p> <p>Signature</p> <p>Gary W. Brink</p> <p>Printed Name</p> <p>Production Superintendent</p> <p>Title</p> <p>3/15/99</p> <p>Date</p>
	<p>RECEIVED</p> <p>MAY 20 1999</p> <p>OIL CON. DIV.</p> <p>DIST. 3</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>12/04/98</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p><i>[Signature]</i></p> <p>Henry P. Broadhurst, Jr.</p> <p>NEW MEXICO</p> <p>REGISTERED PROFESSIONAL SURVEYOR</p> <p>Certificate Number</p>	
	<p>5280.00'</p>		<p>5280.00'</p>	
	<p>5280.00'</p>		<p>5280.00'</p>	

# ENERGEN RESOURCES INC.

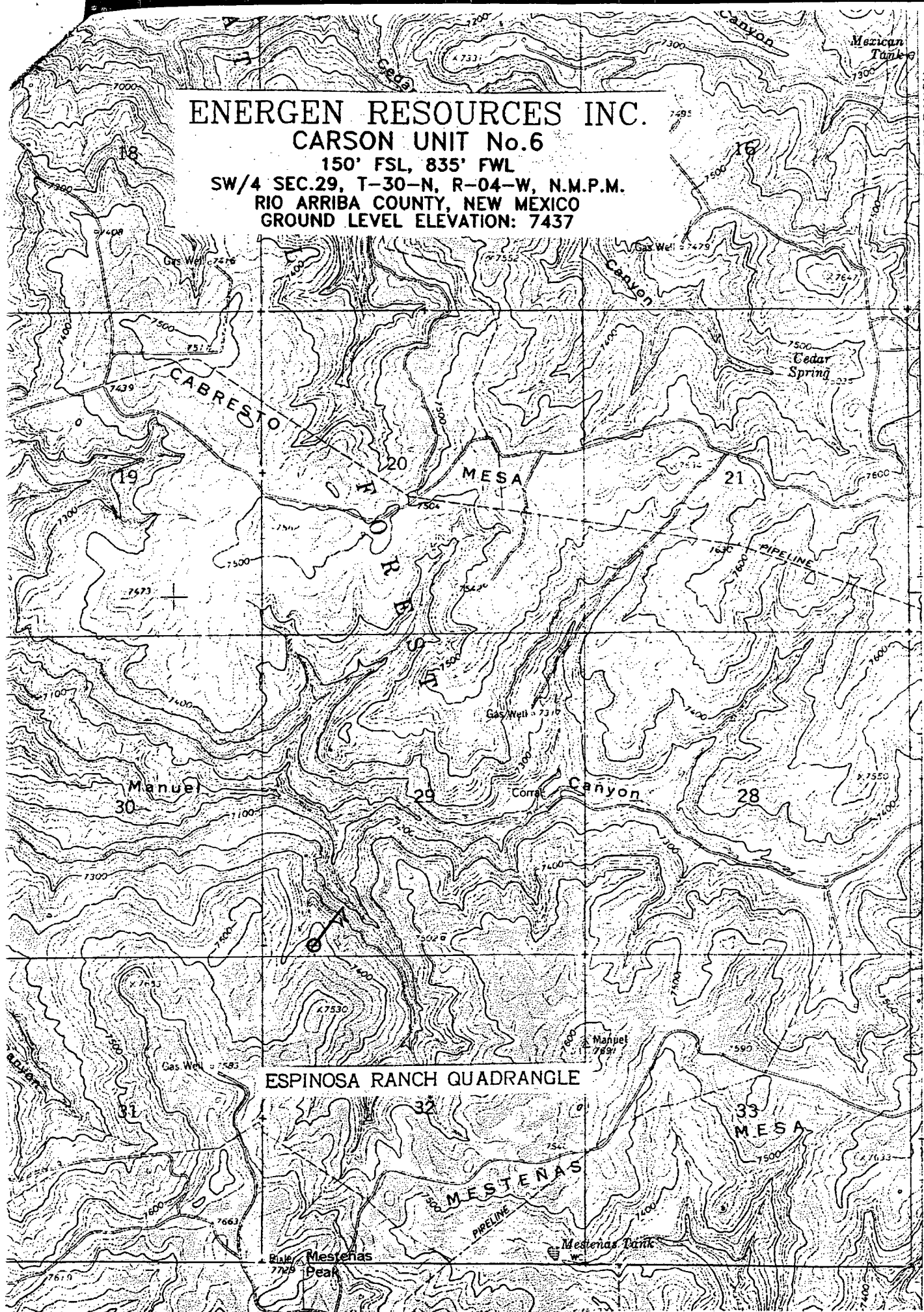
## CARSON UNIT No.6

150' FSL, 835' FWL

SW/4 SEC.29, T-30-N, R-04-W, N.M.P.M.

RIO ARRIBA COUNTY, NEW MEXICO

GROUND LEVEL ELEVATION: 7437



IRIXLER RANCH  
4557' SW

4075

4074

4130

4073

4072

4071

T 30 N

T 29 N