

118338868

DATE IN 6/29/01	SUSPENSE 7/19/01	ENGINEER MS	LOGGED MN	TYPE 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]

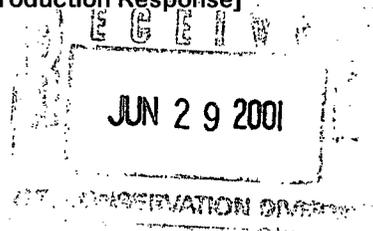
CARSON # 5A

[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] 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]  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

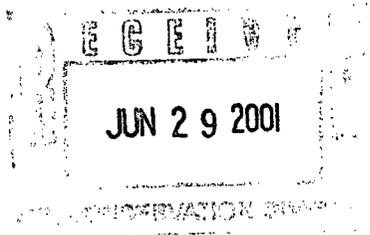
I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, 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      *Richard Corcoran*      District Landman      6-28-01  
 Print or Type Name      Signature      Title      Date

**ENERGEN**  
**R E S O U R C E S**

June 28, 2001



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

RE: ADMINISTRATIVE APPROVAL OF UNORTHODOX LOCATION  
CARSON #5A  
700' FSL & 415' FEL  
SECTION 30, 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 #5A well under the provisions of NMOCD general Rule 104.

The subject well was drilled and completed on October 10, 1999, as a Mesaverde well with a spacing unit consisting of the E/2 of Section 30-T30N-R4W.

Under administrative order NSL-4276, 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 southeast (consisting of the NW/4 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,

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

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: Mena 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

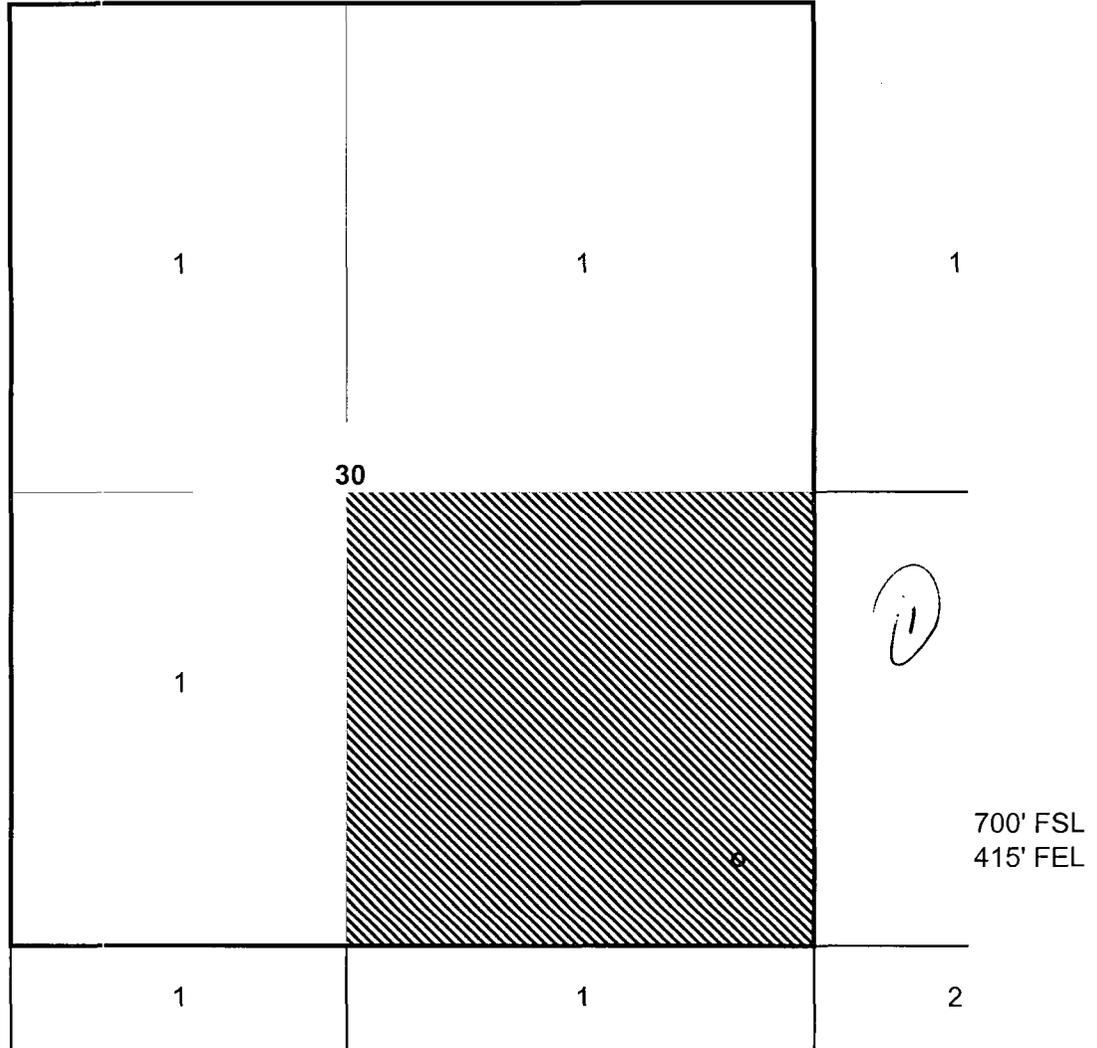
# Energen Resources Corporation

Carson #5A

OFFSET OPERATOR \ OWNER PLAT

Pictured Cliffs

Township 30 North - Range 4 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 Inv. 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-4276*

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. 5 to be drilled at an unorthodox gas well location 470 feet from the North line and 1665 feet from the East line (Unit B) of Section 30, Township 30 North, Range 4 West, NMPM, Rio Arriba County, New Mexico; and
- (b) Carson Well No. 5-M to be drilled at an unorthodox infill gas well location 700 feet from the South line and 415 feet from the East line (Unit P) of Section 30.

The E/2 of Section 30, 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. 5 and 5-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  
 170 Box 1980, Hobbs, NM 88241-1980  
 District II  
 811 South First, Artesia, NM 88210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals & Natural Resources Department

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

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-26146		2 Pool Code 72400/72319		3 Pool Name E Blanco PC/ Blanco Mesa Verde	
4 Property Code 21185		5 Property Name CARSON			6 Well Number 5A
7 OGRID No. 162928		8 Operator Name ENERGEN RESOURCES, INC.			9 Elevation 7504'

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
P	30	30N	4W		700'	SOUTH	415'	EAST	RIO ARRIBA

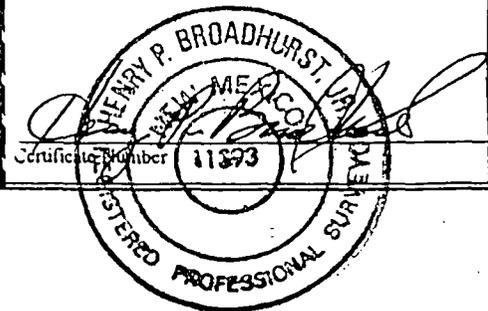
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres 160/320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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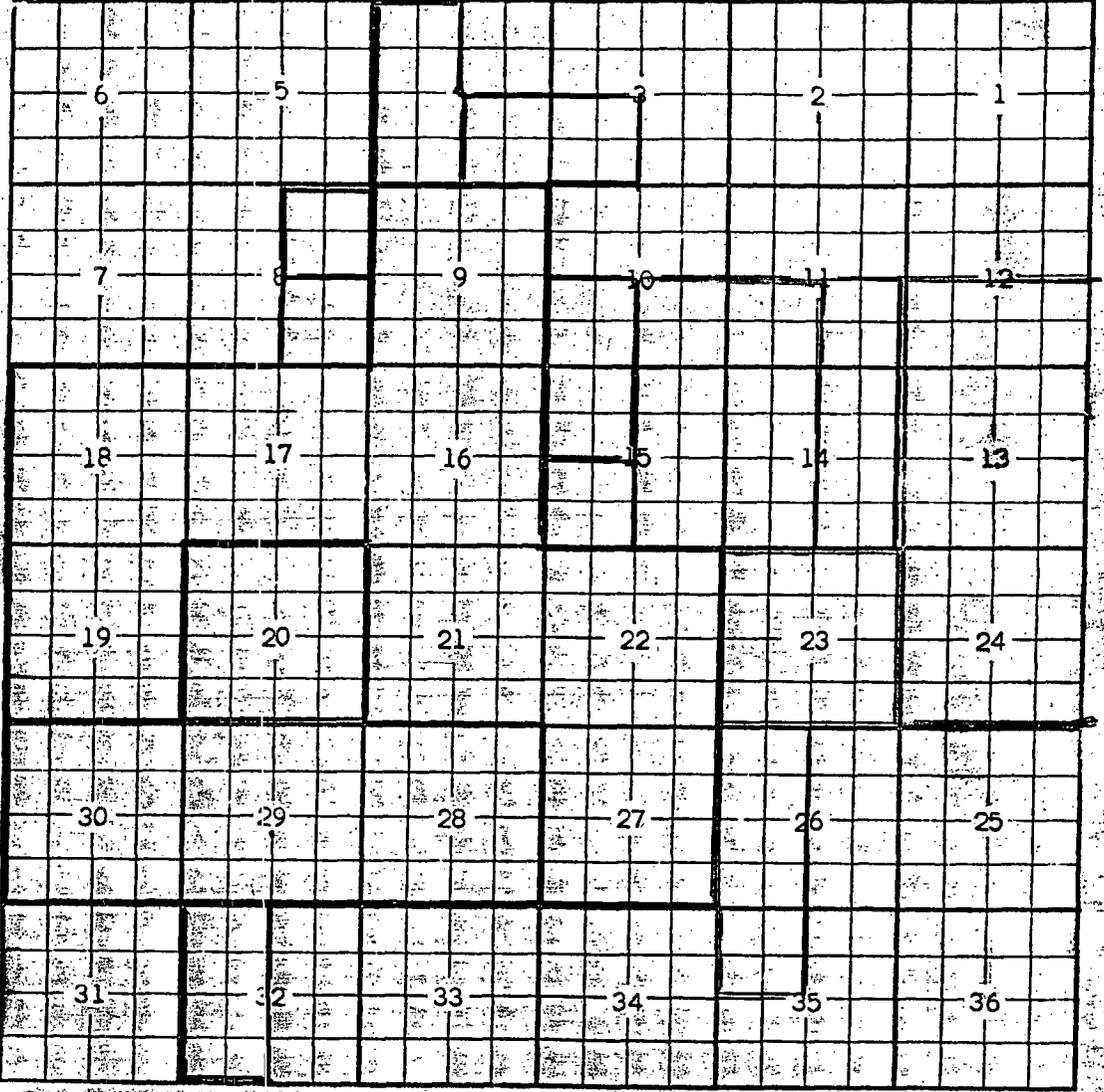
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	WEST	5280.00'	LOT 1	Section 30	4453.68'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
			LOT 2				Signature Gary W. Brink
			LOT 3				Printed Name Production Superintendent
			LOT 4				Title 6/13/98
	NORTH				4458.30'	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.	
					700'	Date of Survey 12/05/98	
					415'	Signature and Seal of Professional Surveyor:	
						Certificate Number 11393	



72400

County Rio Arriba Pool East Blanco - Pictured Cliffs  
TOWNSHIP 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, 5-75-54) - 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 15 (R-1130, 3-1-58)  
- SW 1/4 Sec 3, SE 1/4 Sec 4 (R-1313, 1-1-59) - W 1/2 Sec 32 (R-4292, 5-1-72)  
Ext: All sec 23 (R-4963, 3-1-75) Ext: W 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, S 1/2 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

07/25/01 17:12:49  
OGOMES -TQLA  
PAGE NO: 1

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

1 14.98  Federal owned	C 40.00  Federal owned	B 40.00  Federal owned  A	A 40.00  Federal owned
2 15.01  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

07/25/01 17:12:56  
OGOMES -TQLA  
PAGE NO: 2

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

3 15.05  Federal owned	K 40.00  Federal owned	J 40.00  Federal owned	I 40.00  Federal owned
4 15.08  Federal owned	N 40.00  Federal owned  A	O 40.00  Federal owned	P 40.00  Federal owned  A

PF01 HELP  
PF07 BKWD

PF02  
PF08 FWD

PF03 EXIT  
PF09 PRINT

PF04 GoTo  
PF10 SDIV

PF05  
PF11

PF06  
PF12

CMD : ONGARD 07/25/01 17:13:04  
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TQLA

API Well No : 30 39 26146 Eff Date : 10-10-1999 WC Status : A  
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
OGRID Idn : 162928 ENERGEN RESOURCES CORPORATION  
Prop Idn : 21185 CARSON

Well No : 005A  
GL Elevation: 7504

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: P	30	30N	04W	FTG 700 F S	FTG 415 F E	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

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)

700' FSL, 415' FEL, Sec. 30, 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 5A

9. API Well No.

30-039-26146

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 Re seeding  
 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 Kicki Donaghey

Title Production Assistant

Date 10/09/2000

(This space for Federal or State office use)

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

Title \_\_\_\_\_

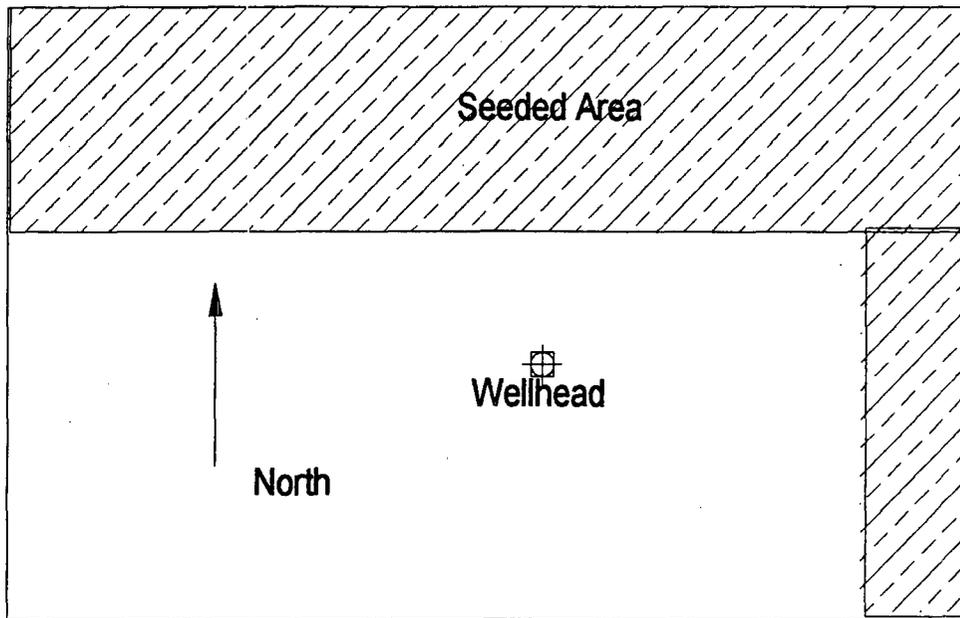
Date \_\_\_\_\_

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

REPRODUCTION COPY



(NOT TO SCALE)

Company: Energen Resources

Location: Carson 5 A

Legal Description: 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  Other \_\_\_\_\_

Seed Bag Number: 5

Date of Seeding: September 28, 2000

Was location ripped before seeding? Yes  No \_\_\_\_\_ If No, describe

Topography: Flat

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

RECEIVED  
BLM

SUNDRY NOTICES AND REPORTS ON WELLS

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

Use "APPLICATION FOR PERMIT - " for such proposals

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

5A 5M

9. API Well No.

30-039-26146

10. Field and Pool, or exploratory Area

Blanco MV

11. County or Parish, State

Rio Arriba

NM

SUBMIT IN TRIPLICATE

070 FARMINGTON

AUG 19 1999

OIL CON. DIV.  
DIST. 3

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

ENERGEN RESOURCES CORPORATION

3. Address and Telephone No.

2198 Bloomfield Highway, Farmington, NM 87401

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

700' FSL, 415' FEL, Sec. 30, T30N, R4W, N.M.P.M.

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

TYPE OF SUBMISSION

- Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

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

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

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

Due to the Dakota being non-productive, it is intended to change our drilling plan to a Mesaverde only. Total depth 6950'.

Casing Program:

9 5/8"	36#	200'	126 cu. ft., circ.
7"	20 & 23#	4750'	1070 cu. ft., circ. 2 stage
4 1/2"	10.5#	4650'-7060'	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 5A.

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

Signed Monica Taylor Title Production Assistant Date 8/12/99

(This space for Federal or State office use)

Approved by s/s Enol Becher Title \_\_\_\_\_ Date AUG 16 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

District I  
1999 Hous 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

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

99 AUG 13 PM 7:09 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

* AIT Number 30-039-26146		* Pool Code 72329/	* Pool Name Blanco Mesaverde
* Property Code 21189	* Property Name CARSON		* Well Number 5A
* OGRID No. 162928	* Operator Name ENERGEN RESOURCES, INC.		* Elevation 7504'

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
P	30	30N	4W		700'	SOUTH	415'	EAST	RIO ARRIBA

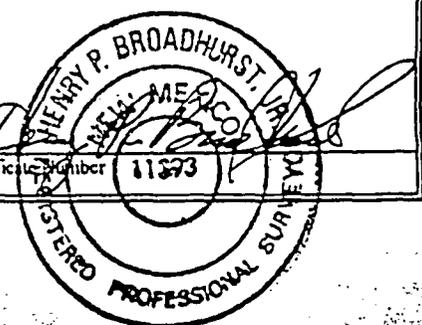
11 Bottom Hole Location If Different From Surface

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

" Dedicated Acres 320	" Joint or Infill	" Consolidation Code	" 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	5280.00'	Section 30	4453.68'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature: <i>Garv W. Brink</i> Printed Name: Garv W. Brink Title: Production Superintendent Date: 8/10/99
	LOT 1				
	LOT 2				
	LOT 3				
	NORTH	5280.00'		4458.30'	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.  Date of Survey: 12/05/98 Signature and Seal of Professional Surveyer:  Certificate Number: 11573
LOT 4					
WEST					



**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

**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  DEEPEN  PLUG BACK  DIFF. RESRV.  Other \_\_\_\_\_

RECEIVED  
OCT 21 PM 1:13  
OIL CON. DIV.  
OCT 25 1999  
DIST 3

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  
**700' FSL, 415' FEL**  
 At top prod. interval reported below  
 At total depth

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.  
**Carson 5A**

9. API WELL NO.  
**30-039-26146**

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

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 30, T30N, R4W, N.M.P.M.**

12. COUNTY OR PARISH  
**Rio Arriba**

13. STATE  
**NM**

15. DATE SPUNDED **9/13/99** 16. DATE T.D. REACHED **9/22/99** 17. DATE COMPL. (Ready to prod.) **10/10/99** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **7504' GR** 19. ELEV. CASINGHEAD **7504'**

20. TOTAL DEPTH, MD & TVD **7019'** 21. PLUG, BACK T.D., MD & TVD **6975'** 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)\*  
**6244' - 6820' MV**

25. WAS DIRECTIONAL SURVEY MADE  
**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**Temp. Log, HRI Log, Den.-Neu. Log, GR-CBL-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	330	12 1/4 140	165 cu. ft., circ.	
7	23	4703	8 3/4 725	1233 cu. ft., circ.	

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	4551	7019 265	355 cu. ft.	, circ.	2 3/8	6809	

31. PERFORMANCE RECORD (Interval, size and number)  
 0.34: 6601, 03, 05, 07, 28, 30, 32, 39, 40, 41, 44, 45, 46, 48, 50, 51, 52, 77, 78, 82, 84, 6718, 20, 40, 42, 48, 50, 97, 99, 6808, 10, 18, 20  
 (33 Holes) 1JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6601-6820	70,700 gals Slickwater
	70,700# 20/40 Sand
6244-6508	74,600 gals Slickwater
	69,300# 20/40 Sand OVER>

33.\* PRODUCTION

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS - OIL RATIO
10/18/99	7 Day SI						
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY - API (CORR.)	
SI-585	SI-1132			Pitot Test --	-- 1756 mcf/d		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
**To Be Sold**

TEST WITNESSED BY  
**Perry King**

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 **10/19/99**

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

**ACCEPTED FOR RECORD**  
OCT 22 1999  
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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
			0.34: 6244, 46, 6312, 14, 21, 23, 55, 56, 57, 64, 65 66, 67, 68, 69, 70, 71, 75, 77, 6487, 89, 92, 93, 94 96, 98, 6500, 02, 04, 05, 06, 07, 08 (33 Holes) 1JSPF	Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Huerfanito Bent. Cliff House Menefee Point Lookout	3580 3815 4130 4250 4507 5210 6058 6386 6590	

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 30-039-26146	<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 5A

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

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
P	30	30N	4W		700'	South	415'	East	Rio Arriba

**<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	2824238	G	P-30-T030N-R004W
9018	GIANT INDUSTRIES 5764 U.S. HWY 64 FARMINGTON, NM 87401	2824237	O	P-30-T030N-R004W

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 OCT 21 1999  
 OIL CON. DIV.  
 DIST. 3

**IV. Produced Water**

<sup>23</sup> POD 2824239	<sup>24</sup> POD ULSTR Location and Description DIST. 3
------------------------------	-------------------------------------------------------------

**V. Well Completion Data**

<sup>25</sup> Spud Date	<sup>26</sup> Ready Date	<sup>27</sup> TD	<sup>28</sup> PBSD	<sup>29</sup> Perforations	<sup>30</sup> DHC, DC, MC
9/13/99	10/10/99	7019	6975	6244-6820	
<sup>31</sup> Hole Size	<sup>32</sup> Casing & Tubing Size	<sup>33</sup> Depth Set	<sup>34</sup> Sacks Cement		
12 1/4	9 5/8	330	165 cu. ft., circ.		
8 3/4	7	4703	1233 cu. ft., circ.		
6 1/4	4 1/2	4551-7019	355 cu. ft., circ.		
	2 3/8	6809			

**VI. Well Test Data**

<sup>35</sup> Date New Oil	<sup>36</sup> Gas Delivery Date	<sup>37</sup> Test Date	<sup>38</sup> Test Length	<sup>39</sup> Tbg. Pressure	<sup>40</sup> Csg. Pressure
		10/18/99	7 Day SI	SI-585	SI-1132
<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 ..	.. 1756 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: *[Signature]*  
 Printed name: Gary W. Brink  
 Title: Production Superintendent  
 Date: 10/18/99  
 Phone: 505-325-6800

10-25-99 OIL CONSERVATION DIVISION  
 Approved by: *[Signature]*  
 Title: SUPERVISOR DISTRICT # 3  
 Approval Date: OCT 25 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

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 recomplete a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

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BLM  
OCT 05 11 3:19 AM '99  
070 FARMINGTON, NM

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 5A

9. API Well No.

30-039-26146

10. Field and Pool, or exploratory Area

Blanco MV

11. County or Parish, State

Rio Arriba 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)

700' FSL, 415' FEL, Sec. 30, T30N, R4W, N.M.P.M.

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OCT - 8 1999  
OIL CON. DIV.  
DIST. 3

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Case
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.)\*

9/22/99 Drilled to 7027'. Ran 55 jts. 4 1/2 10.5# J-55 ST&C casing 2468' set at 7019'. Top of liner hanger at 4551'. Cemented with 265 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. (355 cu. ft.). Plug down 5:45 am 9/23/99. Circ. 84 sks cement off top of hanger. WOC.

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

Signed

*Monica Taylor*

Title Production Assistant

Date 9/30/99

(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

NMOCD

FARMINGTON FIELD OFFICE  
BY *[Signature]*

OCT 05 1999

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)  
 700' FSL, 415' FEL, Sec. 30, 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 5A

9. API Well No.  
 30-039-26146

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	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Spud</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.)\*

9/13/99 Spud 6:30 am 9/13/99. Drilled to 336'. Ran 7 jts. 9 5/8" 36# J-55 ST&C 314' set at 330'. Cemented with 140 sks Class B with 2% CaCL2 and 1/4#/sk flocele. (165 cu. ft.) Plug down 3:30 pm 9/13/99. Circ. 14 sks to surface. WOC tested 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 \_\_\_\_\_ 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

NMOCD

FARMINGTON FIELD OFFICE  
 BY [Signature]

OCT 01 1999

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

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SEP 27 PM 1:15

070 FARMINGTON

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 5A

9. API Well No.

30-039-26146

10. Field and Pool, or exploratory Area

Blanco MV

11. County or Parish, State

Rio Arriba 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)

700' FSL, 415' FEL, Sec. 30, T30N, R4W, N.M.P.M.

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OIL CON. DIV.  
DIST. 3

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Case
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.)\*

9/19/99 Drilled to 4740'. Ran 76 jts. 7" 23# J-55 LT&C casing 4688' set at 4703'. D.V. tool set at 3746'. Cemented 1st Stage with 175 sks 50/50 poz, 2% gel, 10#/sk gilsonite, 1/2#/sk flocele and 1% CaCL2. (235 cu. ft.) Plug down 3:15 am 9/20/99. Open DV tool and circulate 2 1/2 hours and circ. 10 BBL cement to surface. Cement 2nd Stage with 450 sks 65/35 poz, 6% gel, 10#/sk gilsonite, 1/2#/sk flocele and 2% CaCL2 followed by 100 sks Class B, 2% CaCL2, 10#/sk gilsonite, 1/2#/sk flocele (998 cu. ft.) Plug down 7:40 am 9/20/99. Circ. 39 BBL. Cement to surface. WOC. Test casing to 1200 psi - OK.

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 \_\_\_\_\_ 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

NMOCD

FARMINGTON FIELD OFFICE  
BY [Signature]

OCT 1 1999

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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5. LEASE DESIGNATION AND BUREAU NO.  
SF-079488-A  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL

DEEPEN

99 MAR 16 PM

17. UNIT AGREEMENT NAME

b. TYPE OF WELL

OIL WELL

GAS WELL

OTHER

SINGLE ZONE

MULTIPLE ZONE

8. FARM OR LEASE NAME, WELL NO.  
Carson 5M

2. NAME OF OPERATOR

ENERGEN RESOURCES CORPORATION

9. API WELL NO.

30-039-26146

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

700' FSL, 415' FEL  
At proposed prod. zone

11. SEC., T., R. M., OR BLK. AND SURVEY OR AREA

Sec. 30, T30N, R4W, N.M.P.M.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Seven (7) miles NE of Gobernador, New Mexico

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

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

415

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.

3000

19. PROPOSED DEPTH

8935'

20. ROTARY OR CABLE TOOLS

Rotary

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

7504' GL This action is subject to technical and procedural review pursuant to 43 CFR 8165.9 and appeal pursuant to 43 CFR 8165.10

22. APPROX. DATE WORK WILL START\*

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

23. STANDARD CASING AND CEMENTING PROGRAM

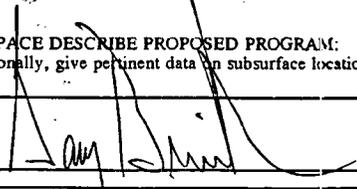
SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15	10 3/4	32.75#	200'	236 cu. ft., circ.
9 7/8	7 5/8	26.4#	4750'	1539 cu. ft., circ. - 2 stages
6 3/4	5 1/2	17#	8935'	535 cu. ft., to intermediate

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.

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 3/15/99

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

JUN 04 1999

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon, CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

/s/ Duane W. Spencer

TITLE

Team Lead, Petroleum Management

DATE

\*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.

NMOCD

District II  
#11 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

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99 MAR 16 PM 1:48

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> All Number 30-039-26146	<sup>3</sup> Pool Code 72329/71599	<sup>2</sup> Pool Name Blanco Mesaverde/Basin Dakota
<sup>4</sup> Property Code 21185	<sup>5</sup> Property Name CARSON	<sup>6</sup> Well Number 5M
<sup>7</sup> OGRID No. 162928	<sup>8</sup> Operator Name ENERGEN RESOURCES, INC.	<sup>9</sup> Elevation 7504'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
P	30	30N	4W		700'	SOUTH	415'	EAST	RIO ARRIBA

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

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

16	WEST	5280.00'	LOT 1	Section 30	4453.68'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature: <i>Garv W. Brink</i> Printed Name: Garv W. Brink Title: Production Superintendent Date: 3/15/99
			LOT 2			
			LOT 3			
			LOT 4			
	NORTH				4458.30'	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.  Date of Survey: 12/05/98 Signature and Seal of Professional Surveyer:  HENRY P. BROADHURST, JR. CERTIFICATE NUMBER 11393 REGISTERED PROFESSIONAL SURVEYOR

**ENERGEN RESOURCES INC.**  
**CARSON UNIT No.5M**

700' FSL, 415' FEL  
SE/4 SEC.30, T-30-N, R-04-W, N.M.P.M.  
RIO ARRIBA COUNTY, NEW MEXICO  
GROUND LEVEL ELEVATION: 7504

