

118338868

DATE IN 6/29/01	SUSPENSE 7/19/01	ENGINEER MS	LOGGED MV	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
 Print or Type Name

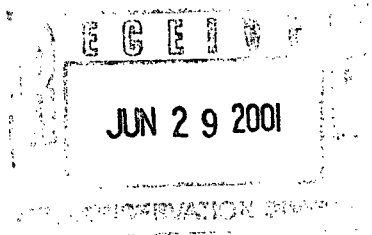
Richard P. Corcoran
 Signature

District Landman
 Title

6-28-01
 Date



June 28, 2001



Michael E. Stogner
New Mexico Oil Conservation Division
1220 South Saint Francis Drive 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,

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 17th 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

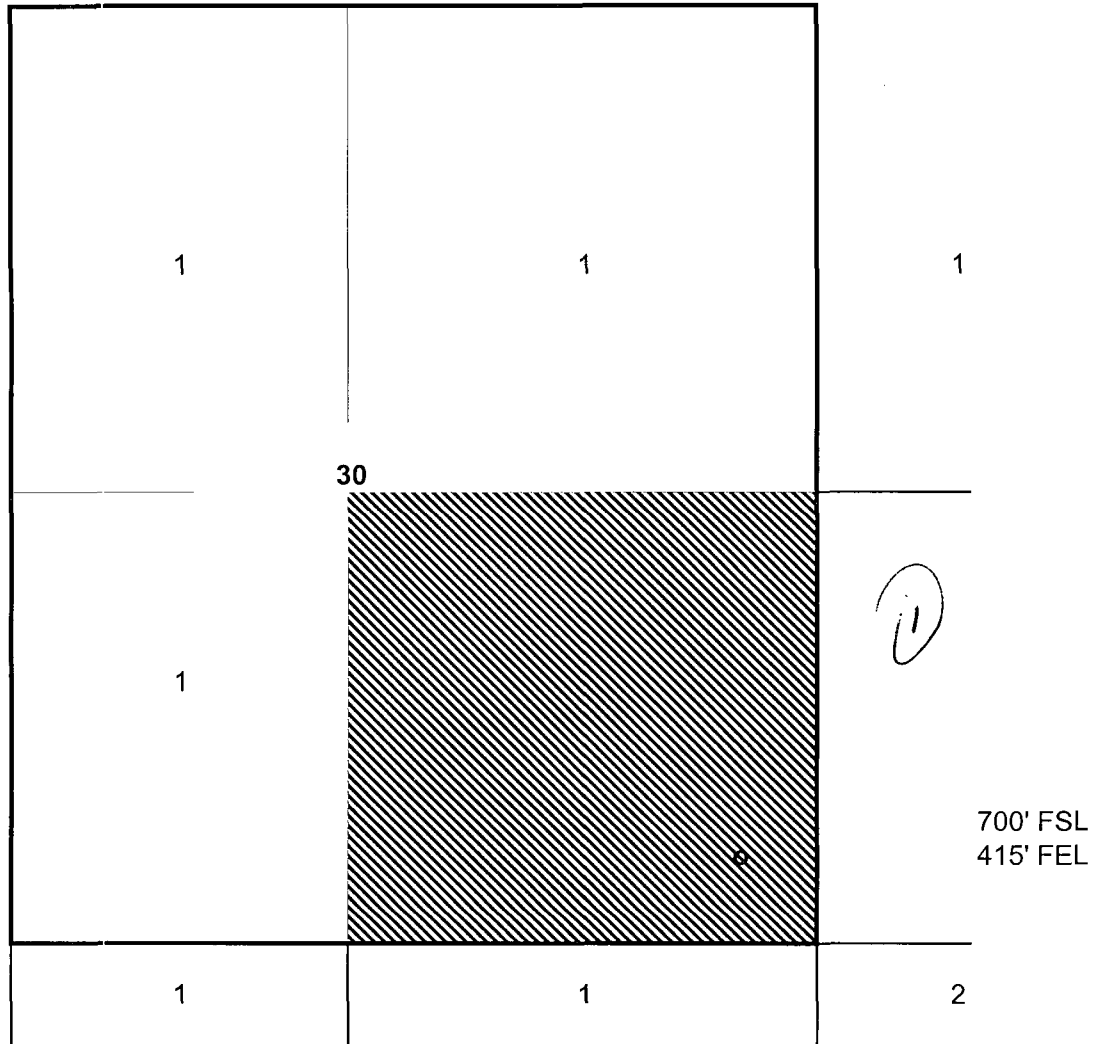
Energen Resources Corporation

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

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

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

12 Dedicated Acres 160/320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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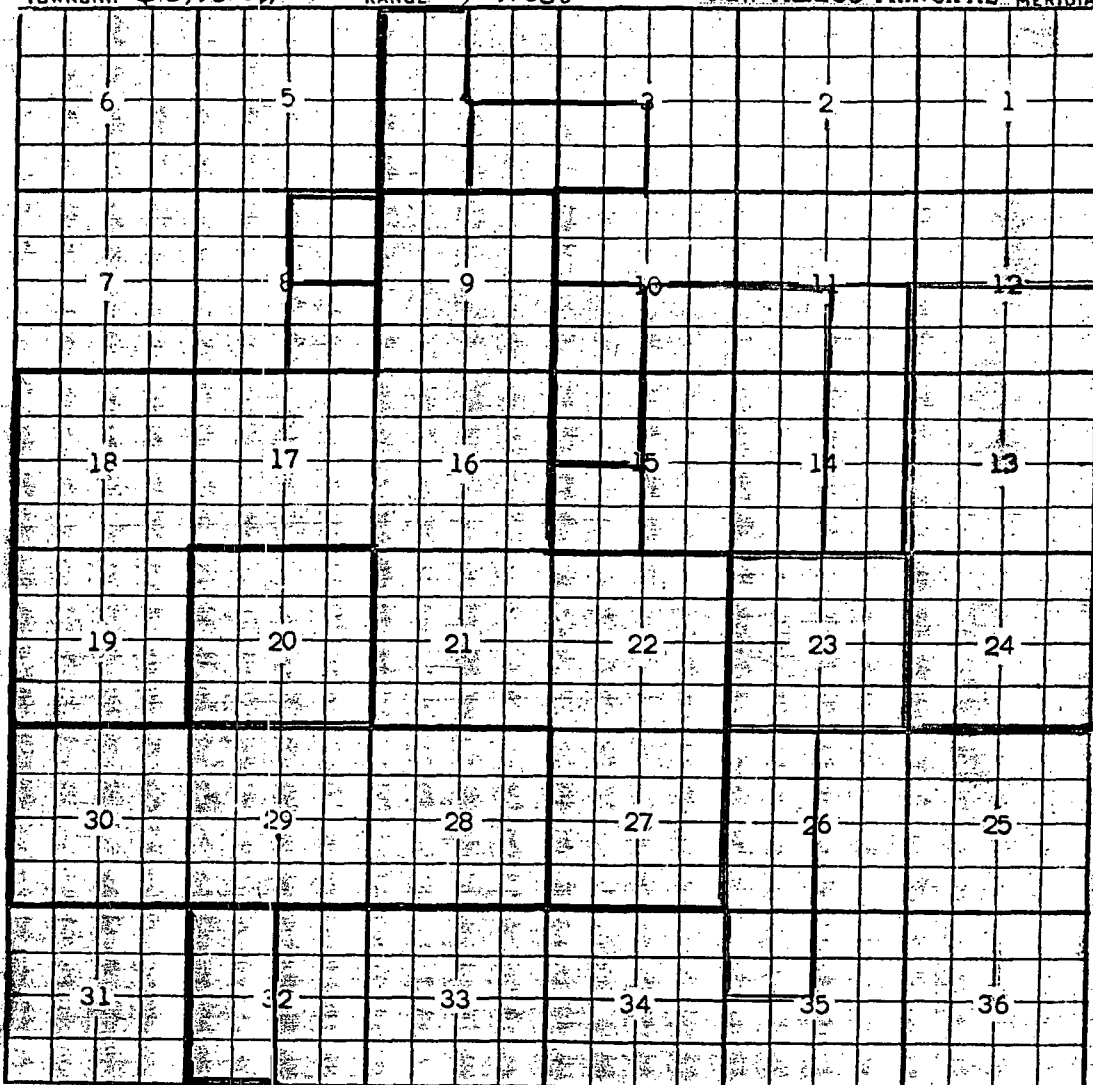
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 WEST 5280.00' LOT 1 LOT 2 LOT 3 LOT 4 NORTH WEST	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 Gary W. Brink Printed Name Production Superintendent Title 6/13/01 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. 12/05/98 Date of Survey Signature and Seal of Professional Surveyor: HENRY P. BROADHURST, JR. NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR 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, 5-25-54) - 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 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 :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

07/25/01 17:13:04
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

Form 3160-5
(June 1990)

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)

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

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

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

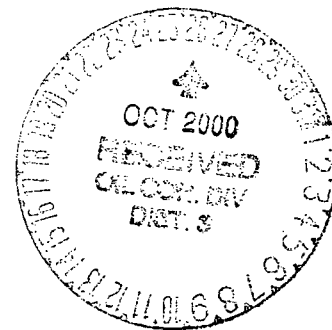
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Reseeding
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(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 Kicki Donaghey Title Production Assistant Date 10/09/2000

(This space for Federal or State office use)

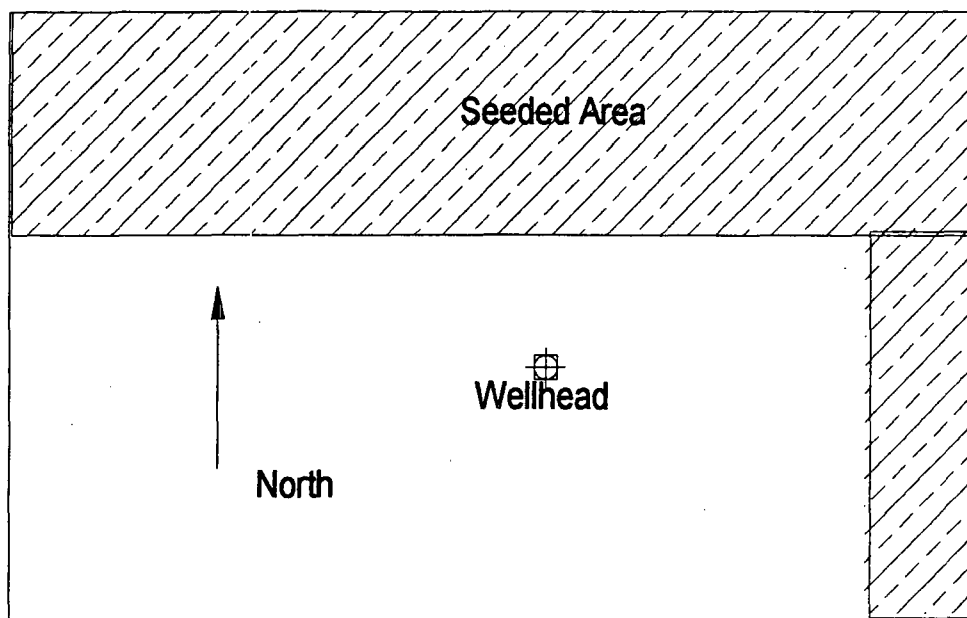
Approved by _____ Title _____ Date _____

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 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: _____

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 on a different reservoir

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

070 FARMINGTON

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 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

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 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:

District I
 1990 Hays 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
 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
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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	5280.00'	LOT 1	Section 30	4453.68'	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: <i>Garv W. Brink</i> Printed Name: Garv W. Brink Title: Production Superintendent Date: 8/10/99
		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 Surveyor: HENRY P. BROADHURST, JR. NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR Certificate Number 11573

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 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

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

700' FSL, 415' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

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.	

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
10/18/99	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 Kirk

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)

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

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

38.

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

¹ Operator name and Address ENERGEN RESOURCES CORPORATION 2198 Bloomfield Highway Farmington, NM 87401		² OGRID Number 162928
		³ Reason for Filing Code New Well
⁴ API Number 30-0 30-039-26146	⁵ Pool Name Blanco Mesaverde	⁶ Pool Code 72319
⁷ Property Code 21185	⁸ Property Name Carson	⁹ Well Number 5A

II. ¹⁰ Surface Location

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

¹¹ 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
¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² 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

IV. Produced Water

²³ POD 2824239	²⁴ POD ULSTR Location and Description DIST. 3
------------------------------	---

V. Well Completion Data

²⁵ Spud Date 9/13/99	²⁶ Ready Date 10/10/99	²⁷ TD 7019	²⁸ PBSD 6975	²⁹ Perforations 6244-6820	³⁰ DHC, DC, MC
³¹ Hole Size 12 1/4	³² Casing & Tubing Size 9 5/8	³³ Depth Set 330	³⁴ Sacks Cement 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

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date 10/18/99	³⁸ Test Length 7 Day SI	³⁹ Tbg. Pressure SI-585	⁴⁰ Csg. Pressure SI-1132
⁴¹ Choke Size	⁴² Oil	⁴³ Water	⁴⁴ Gas Pitot Test --	⁴⁵ AOF -- 1756 mcf/d	⁴⁶ Test Method

⁴⁷ I hereby certify that the rules 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: 10/18/99

Phone: 505-325-6800

10-25-99 OIL CONSERVATION DIVISION

Approved by:

Title: SUPERVISOR DISTRICT #3

Approval Date: OCT 25 1999

⁴⁷ 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

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 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.)*

9/22/99 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]*

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

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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.)*

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 6-11

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)

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 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.)*

9/19/99 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]

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

FORM APPROVED
OMB NO. 1004-0142
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

99 MAR 16 PM

b. TYPE OF WELL

OIL ☐

GAS ☒

WELL ☐

OTHER

SINGLE ☐

MULTIPLE ☐

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 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 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 3165.9
and appeal pursuant to 43 CFR 3165.10

22. APPROX. DATE WORK WILL START*

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

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

June 1980, Hobbs, NM 88241-1980
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

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

RECEIVED
BLM

99 MAR 16 PM 1:48

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ APN Number 30-039-26146	² Pool Code 72329/71599	³ Well Name 070 FARMINGTON NM Blanco Mesaverde/Basin Dakota
⁴ Property Code 21185	⁵ Property Name CARSON	⁶ Well Number 5M
⁷ OGRID No. 162928	⁸ Operator Name ENERGEN RESOURCES, INC.	⁹ Elevation 7504'

¹⁰ Surface Location


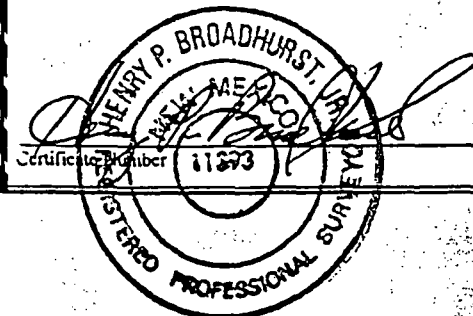
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
P	30	30N	4W		700'	SOUTH	415'	EAST	RIO ARRIBA

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

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	5280.00'	LOT 1	4453.68'	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 3/15/99 Date
			LOT 2			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. 12/05/98 Date of Survey Signature and Seal of Professional Surveyor: 
			LOT 3			
			LOT 4			
	NORTH			4458.30'	5280.00'	
	WEST					

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

