

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 238579

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address ENERGEN RESOURCES CORPORATION 3510 North "A" Street Midland , TX 79705		2. OGRID Number 162928
4. Property Code 319716		3. API Number 30-025-44199
5. Property Name PEGASUS 23 35 16 STATE		6. Well No. 251H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	16	23S	35E		386	S	662	W	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	16	23S	35E	D	330	N	660	W	Lea

9. Pool Information

WC-025 G-06 S233516M;MIDDLE BONE SP	98246
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3403
16. Multiple N	17. Proposed Depth 14813	18. Formation 1st Bone Spring Sand	19. Contractor	20. Spud Date 1/15/2018
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	61	1900	1970	0
Int1	12.25	9.625	40	5750	1780	0
Prod	8.75	5.5	20	14813	1880	0

Casing/Cement Program: Additional Comments

Well Control: 13-5/8" Double Ram 10M 13-5/8" Single Ram 10M 13-5/8" Annular 5M Test 5,000 Manufacture - Cameram Added on 11/15/2017 by Brenda Rathjen

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	10000	5000	Cameran
Annular	5000	5000	Cameran

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable. Signature: Printed Name: Electronically filed by Jennifer L Stone Title: Email Address: jennifer.stone@energen.com Date: 11/15/2017 Phone: 432-818-1757	OIL CONSERVATION DIVISION Approved By: Paul Kautz Title: Geologist Approved Date: 11/15/2017 Expiration Date: 11/15/2019 Conditions of Approval Attached
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State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

Form C-102

August 1, 2011

Permit 238579

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-44199	2. Pool Code 98246	3. Pool Name WC-025 G-06 S233516M;MIDDLE BONE SP
4. Property Code 319716	5. Property Name PEGASUS 23 35 16 STATE	6. Well No. 251H
7. OGRID No. 162928	8. Operator Name ENERGEN RESOURCES CORPORATION	9. Elevation 3403

10. Surface Location

UL - Lot M	Section 16	Township 23S	Range 35E	Lot Idn	Feet From 386	N/S Line S	Feet From 662	E/W Line W	County Lea
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11. Bottom Hole Location If Different From Surface

UL - Lot D	Section 16	Township 23S	Range 35E	Lot Idn D	Feet From 330	N/S Line N	Feet From 660	E/W Line W	County Lea
12. Dedicated Acres 160.09	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

OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: Jennifer L Stone
Title:
Date: 11/15/2017

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.

Surveyed By: Robert Allen
Date of Survey: 10/4/2017
Certificate Number: 23572

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Form APD Comments

Permit 238579

PERMIT COMMENTS

Operator Name and Address: ENERGEN RESOURCES CORPORATION [162928] 3510 North "A" Street Midland , TX 79705		API Number: 30-025-44199
		Well: PEGASUS 23 35 16 STATE #251H
Created By	Comment	Comment Date
Brenda Rathjen	Well Control: 13-5/8" Double Ram 10M 13-5/8" Single Ram 10M 13-5/8" Annular 5M Test 5,000 Manufacture - Cameram	11/15/2017

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Form APD Conditions

Permit 238579

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: ENERGEN RESOURCES CORPORATION [162928] 3510 North "A" Street Midland , TX 79705	API Number: 30-025-44199
	Well: PEGASUS 23 35 16 STATE #251H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
pkautz	Pit construction and closure must satisfy all requirements of your approved plan.
pkautz	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	1)- The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud 2)- Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days 3)- Completion Reports & Logs are to be submitted within 20 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs. APD's are good for 2 years and may be extended for one year. Only one 1 year extension will be granted if submitted by C-103 before expiration date. After expiration date or after a 1 year extension must submit new APD.
pkautz	Stage Tool - 1) Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186 2) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe. 3) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.
pkautz	Gas Capture Plan - Operator to Submit Gas Capture Plan ASAP.