

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-129
Revised August 1, 2011

Submit one copy to appropriate
District Office

NFO Permit No. _____
(For Division Use Only)

APPLICATION FOR EXCEPTION TO NO-FLARE RULE 19.15.18.12

(See Rule 19.15.18.12 NMAC and Rule 19.15.7.37 NMAC)

OIL CONS. DIV DIST. 3

A. Applicant Energen Resources Corporation,
whose address is 2010 Afton Place, Farmington NM 87401,
hereby requests an exception to Rule 19.15.18.12 for **10 days or until

NOV 03 2015

_____, Yr _____, for the following described tank battery (or LACT):

Name of Lease Chacon Jicarilla D #9
30-043-20275 Name of Pool W Lindrith Gallup Dakota

Location of Battery: Unit Letter C Section 27 Township 23N Range 03W

Number of wells producing into battery 1

B. Based upon oil production of _____ barrels per day, the estimated * volume
of gas to be flared is _____ MCF; Value _____ per day.

C. Name and location of nearest gas gathering facility:

D. Distance _____ Estimated cost of connection _____

E. This exception is requested for the following reasons: Venting gas was necessary in order
to purge the subject wellbore of N2 impurities resulting from offset well stimulation
activity of the Chacon Jicarilla #602H/API 30-043-21234.

Samples taken from the gas stream indicated an N2 content of 59.713%.

****Intermittent venting during the 10 days (10/16-10/20/15, 10/22-10/26/15) for a total of 197.6 mcf vented volumes.
Volumes to be reported on the C-115.**

OPERATOR

I hereby certify that the rules and regulations 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 Anna Stotts

Printed Name Anna Stotts
& Title Regulatory Analyst

E-mail Address anna.stotts@energen.com

Date 11/02/15 Telephone No. 505-324-4154

OIL CONSERVATION DIVISION

Approved Until 10-31-2015

By Charles H.

Title **SUPERVISOR DISTRICT #3**

Date **NOV 10 2015**

* Gas-Oil ratio test may be required to verify estimated gas volume.



2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: EN150241
Cust No: 73500-14710

Well/Lease Information

Customer Name: ENERGEN RESOURCES CORP.
Well Name: CHACON JICARILLA D #9
County/State: RIO ARRIBA NM
Location:
Field:
Formation:
Cust. Stn. No.: DP3145470A

Source: WELLHEAD
Pressure: 100 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 10/26/2015
Sampled By: BILLY STALCUP
Foreman/Engr.: BILLY STALCUP

Remarks: WELLHEAD

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	59.713	6.5760	0.00	0.5775
CO2	0.484	0.0830	0.00	0.0074
Methane	31.996	5.4300	323.16	0.1772
Ethane	2.964	0.7940	52.45	0.0308
Propane	2.536	0.6990	63.81	0.0386
Iso-Butane	0.247	0.0810	8.03	0.0050
N-Butane	0.895	0.2820	29.20	0.0180
I-Pentane	0.267	0.0980	10.68	0.0067
N-Pentane	0.300	0.1090	12.03	0.0075
Hexane Plus	0.598	0.2670	31.52	0.0198
Total	100.000	14.4190	530.88	0.8883

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0013
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 532.8
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 523.5
REAL SPECIFIC GRAVITY: 0.8891

GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.

DRY BTU @ 14.650: 529.9
DRY BTU @ 14.696: 531.6
DRY BTU @ 14.730: 532.8
DRY BTU @ 15.025: 543.5

CYLINDER #: 6146
CYLINDER PRESSURE: 124 PSIG
DATE RUN: 10/27/15 2:03 PM
ANALYSIS RUN BY: Shyann Elledge