

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 \*\*23 days or  
until \_\_\_\_\_, Yr \_\_\_\_\_, for the following described tank battery (or LACT):

Name of Lease: Chacon Jicarilla D #19 (API: 30-043-20446) Name of Pool: West Lindrith Gallup Dakota

Location of Battery: Unit Letter A 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: Vented gas was necessary in order to purge the  
subject wellbore of N2 impurities resulting from offset well stimulation activity (Chacon Jicarilla #602H, API  
30-043-21234). Samples taken from the gas stream indicated an N2 content of 49.484%

\*\*Intermittent venting during the 23 days (10/10/15-10/20/15, 10/22/15-10/28/15) for a total of 5,950 mcf.  
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 Theresa McAndrews

Printed Name  
& Title : Theresa McAndrews Production Supervisor

E-mail Address: tmcandre@energen.com

Date 11/02/15 Telephone No. 505-324-4168

**OIL CONSERVATION DIVISION**

Approved Until 10-31-2015

By Chard

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: EN150242  
Cust No: 73500-14715

**Well/Lease Information**

Customer Name:	ENERGEN RESOURCES CORP.	Source:	WELLHEAD
Well Name:	CHACON JICARILLA D #19	Pressure:	100 PSIG
County/State:	RIO ARRIBA NM	Sample Temp:	DEG. F
Location:		Well Flowing:	Y
Field:		Date Sampled:	10/26/2015
Formation:		Sampled By:	BILLY STALCUP
Cust. Stn. No.:	DP3145483A	Foreman/Engr.:	BILLY STALCUP

Remarks: WELLHEAD

**Analysis**

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	49.484	5.4520	0.00	0.4786
CO2	0.477	0.0820	0.00	0.0072
Methane	39.073	6.6340	394.63	0.2164
Ethane	4.103	1.0990	72.61	0.0426
Propane	3.650	1.0070	91.84	0.0556
Iso-Butane	0.401	0.1310	13.04	0.0080
N-Butane	1.393	0.4400	45.44	0.0280
I-Pentane	0.370	0.1360	14.80	0.0092
N-Pentane	0.411	0.1490	16.48	0.0102
Hexane Plus	0.639	0.2850	33.68	0.0211
<b>Total</b>	<b>100.000</b>	<b>15.4150</b>	<b>682.52</b>	<b>0.8770</b>

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

\*\*@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0018  
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 685.3  
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 673.4  
 REAL SPECIFIC GRAVITY: 0.8783

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

DRY BTU @ 14.650: 681.6  
 DRY BTU @ 14.696: 683.7  
 DRY BTU @ 14.730: 685.3  
 DRY BTU @ 15.025: 699.0

CYLINDER #: 6245  
 CYLINDER PRESSURE: 131 PSIG  
 DATE RUN: 10/27/15 12:00 AM  
 ANALYSIS RUN BY: Shyann Elledge