

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

**Ammended Report** 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)

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:

**OIL CONS. DIV DIST. 3**

**NOV 12 2015**

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 1,357 mcf.  
Volumes to be reported on the C-115.

**Ammended report to correct the volume vented.**

**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 11/09/15 Telephone No. 505-324-4168

**OIL CONSERVATION DIVISION**

Approved Until 12-9-2015

By Charles Stein

Title **SUPERVISOR DISTRICT #3**

Date **DEC 04 2015**

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

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

Analysis No: EN150242  
Cust No: 73500-14715

### Well/Lease Information

Customer Name: ENERGEN RESOURCES CORP.  
Well Name: CHACON JICARILLA D #19  
County/State: RIO ARRIBA NM  
Location:  
Field:  
Formation:  
Cust. Stn. No.: DP3145483A

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	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
Total	100.000	15.4150	682.52	0.8770

\* @ 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