

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)

KR

A. Applicant Energen Resources Corporation **OIL CONS. DIV DIST. 3**, whose
address is 2010 Afton Place, Farmington, NM 87401 **NOV 03 2015**,
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 #20 (API: 30-043-20447) Name of Pool: West Lindrith Gallup Dakota
Location of Battery: Unit Letter K 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 82.022%.

**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 Charles Horn

Title SUPERVISOR DISTRICT #3

Date NOV 10 2015

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

KC
RV 2



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

Analysis No: EN150229
Cust No: 73500-14660

Well/Lease Information

Customer Name: ENERGEN RESOURCES CORP.
Well Name: CHACON JICARILLA D #20
County/State: RIO ARRIBA NM
Location:
Field:
Formation:
Cust. Stn. No.: 93180-01
DP 3145484A

Source: METER RUN
Pressure: 90 PSIG
Sample Temp: 81 DEG. F
Well Flowing: Y
Date Sampled: 10/06/2015
Sampled By: BILLY STALCUP
Foreman/Engr.: BILLY STALCUP

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	82.022	9.0290	0.00	0.7933
CO2	0.452	0.0770	0.00	0.0069
Methane	12.686	2.1520	128.13	0.0703
Ethane	1.386	0.3710	24.53	0.0144
Propane	1.485	0.4090	37.36	0.0226
Iso-Butane	0.176	0.0580	5.72	0.0035
N-Butane	0.690	0.2180	22.51	0.0138
I-Pentane	0.183	0.0670	7.32	0.0046
N-Pentane	0.213	0.0770	8.54	0.0053
Hexane Plus	0.707	0.3150	37.27	0.0234
Total	100.000	12.7730	271.38	0.9581

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0008
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 272.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 267.5
REAL SPECIFIC GRAVITY: 0.9585

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

DRY BTU @ 14.650: 270.7
DRY BTU @ 14.696: 271.6
DRY BTU @ 14.730: 272.2
DRY BTU @ 15.025: 277.7

CYLINDER #: 4036
CYLINDER PRESSURE: 73 PSIG
DATE RUN: 10/8/15 8:54 AM
ANALYSIS RUN BY: Shyann Elledge