

District I
1625 N French Dr, Hobbs, NM 88240
District II
1301 W Grand Avenue, 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
RECEIVED
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505
SEP 17 2009
HOBBSOCD

Form C-129
Revised June 10, 2003

Submit 3 Copies to appropriate
District Office

NFO Permit No. I-992-A
(For Division Use Only)

APPLICATION FOR EXCEPTION TO NO-FLARE RULE 306

(See Rule 306 and Rule 1129)

- A. Applicant EnerVest Operating, L.L.C. API No. 30-025-01153
whose address is 1001 Fannin Street, Suite 800 Houston, TX 77002
hereby requests an exception to Rule 306 for _____ days or until
September 30th, Yr 2010, for the following described tank battery (or LACT):
Name of Lease Abalone AMB State #1 Name of Pool Saunders Permo U/Penn
Location of Battery: Unit Letter D Section 26 Township 14S Range 33E
Number of wells producing into battery 1
- B. Based upon oil production of 15-20 barrels per day, the estimated * volume
of gas to be flared is 90 MCF; Value \$338.00 per day.
- C. Name and location of nearest gas gathering facility:
TARGA pipeline at location
- D. Distance _____ on location _____ Estimated cost of connection _____
- E. This exception is requested for the following reasons: _____
TARGA will not accept gas due to H2S content.
Uneconomical at this time to install equipment to remove H2S.

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 <u>Bridget Helfrich</u> Printed Name <u>Bridget Helfrich</u> & Title <u>Regulatory Tech.</u> E-mail Address <u>bhelfrich@enervest.net</u> Date <u>9-14-09</u> Telephone No. <u>713-495-6537</u>	OIL CONSERVATION DIVISION Approved Until <u>Sept. 30, 2010</u> * By <u>Tammy W. Hill</u> Title <u>DISTRICT 1 SUPERVISOR</u> Date <u>SEP 17 2009</u>
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* Gas-Oil ratio test may be required to verify estimated gas volume.

** ALL GAS IS TO BE FLARED!*



Laboratory Services, Inc.

2609 West Marland
Hobbs, New Mexico 88240

Telephone: (575) 397-3713

FOR: Enervest
Attention: R. Griffin
P.O. Box 38
Loco Hills, New Mexico 88255

SAMPLE: Separator Gas
IDENTIFICATION Abalone AMB State #1
COMPANY: Enervest
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 9/14/09 1:50 pm
ANALYSIS DATE: 9/15/09
PRESSURE - PSIG 20
SAMPLE TEMP. °F
ATMOS. TEMP. °F 72

GAS (XX) LIQUID ()
SAMPLED BY: Will McDaniel
ANALYSIS BY: Vicki McDaniel

REMARKS: H2S = 68,840 PPM

COMPONENT ANALYSIS

COMPONENT		MOL PERCENT	GPM
Hydrogen Sulfide	(H2S)	6.884	
Nitrogen	(N2)	2.124	
Carbon Dioxide	(CO2)	4.485	
Methane	(C1)	63.941	
Ethane	(C2)	9.452	2.522
Propane	(C3)	6.377	1.753
I-Butane	(IC4)	0.852	0.278
N-Butane	(NC4)	2.618	0.824
I-Pentane	(IC5)	0.771	0.281
N-Pentane	(NC5)	0.979	0.354
Hexane Plus	(C6+)	<u>1.517</u>	<u>0.658</u>
		100.000	6.670

BTU/CU.FT. - DRY 1273
AT 14.650 DRY 1269
AT 14.650 WET 1247
AT 14.73 DRY 1276
AT 14.73 WET 1254

MOLECULAR WT. 25.5079

SPECIFIC GRAVITY -
CALCULATED 0.878
MEASURED