

District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised June 10, 2003

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE

NOTIFICATION TO TRANSPORT

¹ Operator name and Address Cimarex Energy Co. of Colorado 600 N. Marienfeld., Ste. 600 Midland, TX 79701		² OGRID Number 162683	
⁴ API Number 30-015-33457		⁵ Pool Name SAGE DRAW, WC, EAST (GAS)	⁶ Pool Code 87285 96890
⁷ Property Code 34056	⁸ Property Name Marquardt 1 Penn Federal		⁹ Well Number 001

This well has been placed in the pool designated below
If you do not concur notify the Hobbs OCD Geologist.

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
J	1	25S	26E		2100	South	1650	East	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 11-28-10		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date	

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
21778	Sunoco Inc R&M PO Box 2039 Tulsa, OK		O	
180055	Duke Energy Field Services 6120 S. Yale Ave. Ste 1100 Tulsa, OK		G	

RECEIVED
JUL 05 2011
NMOCD ARTESIA

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description Same as above
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V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBTB	²⁹ Perforations	³⁰ DHC, MC
12-31-04	11-23-10	11891	10965	9193-9744	DHC-4335
³¹ Hole Size	³² Casing & Tubing Size	³³ Depth Set	³⁴ Sacks Cement		
17½"	13⅝"	222	225		
12¼"	9⅝"	3204	1000		
8¾"	5½"	11891	1920		
	2⅝"	9162			

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date	³⁸ Test Length	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
11-28-10	11-28-10	12-10-11	24 hrs	2800	0
⁴¹ Choke Size	⁴² Oil	⁴³ Water	⁴⁴ Gas	⁴⁵ AOF	⁴⁶ Test Method
12/64	1	31	314		Producing

⁴⁷ I hereby certify that the rules 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:

Printed name: Natalie Krueger

Title: Regulatory

E-mail Address: nkrueger@cimarex.com

Date: June 30, 2011

Phone: 432-620-1936

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

SEP 14 2011

CSH

Operator: Cimarex

Well Name: Harquardt 1 Penn Fed #1

OGRID: 162683

API: 30-0 15-33457

Lease Type ESP

Date C104 rec'd 07/05/2011 C-104 filed for N___ RT___ PB___ RE___ DHC X Other___
Date of file review 9/14/11

Inactive Well List 6 out of 1229
Additional Bonding: OK

APD Approval Date 01/05/2011 lat to RC
Pit Permit Approval 11/18/2010 Permit # 210935 Pit Closure: ___/___/___

Spud notice RC 11/01/2010

Casing:

Surface _____ amended required _____
Intermediate _____ amended required _____
Production _____ amended required _____

TD Reached: ___/___/___

Rig Released: ___/___/___

Deviation Survey: _____ @ _____ TD @ _____

Standard or Directional Survey ___/___/___ MD _____ TVD _____

"As Drilled" or Amended C-102 _____

BHL: UL___ S___ T___ R___ Footages _____ FNL/FSL _____ FWL/FEL _____

Completion Sundry: 08/04/2011 -

Completion Report: 08/04/2011

Logs _____

COMPLIANCE: NSL _____ NSP _____
DHC 4335 ART _____

OTHER REQUIREMENTS: _____

Inactive Well List ___//___
Additional Bonding _____

Date to RD for approval 9/14/11

Reviewed by: dm

DENIED ___/___/___