

**District I**  
1625 N French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

**District II**  
811 S First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

**District III**  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

**District IV**  
1220 S St Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

FEB 20 2017

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-43616	<sup>2</sup> Pool Code 28435	<sup>3</sup> Pool Name GRAMA RIDGE, B S, NE
<sup>4</sup> Property Code 317441	<sup>5</sup> Property Name GRAMA RIDGE STATE COM	
<sup>7</sup> OGRID No. 37127	<sup>8</sup> Operator Name BLACK MOUNTAIN OPERATING, LLC	<sup>6</sup> Well Number 5H
		<sup>9</sup> Elevation 3572'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	2	22 SOUTH	34 EAST, N.M.P.M.		150'	SOUTH	2395'	EAST	LEA

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	35	21 SOUTH	34 EAST, N.M.P.M.		330'	NORTH	2301'	EAST	LEA

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
-------------------------------	-------------------------------	----------------------------------	-------------------------

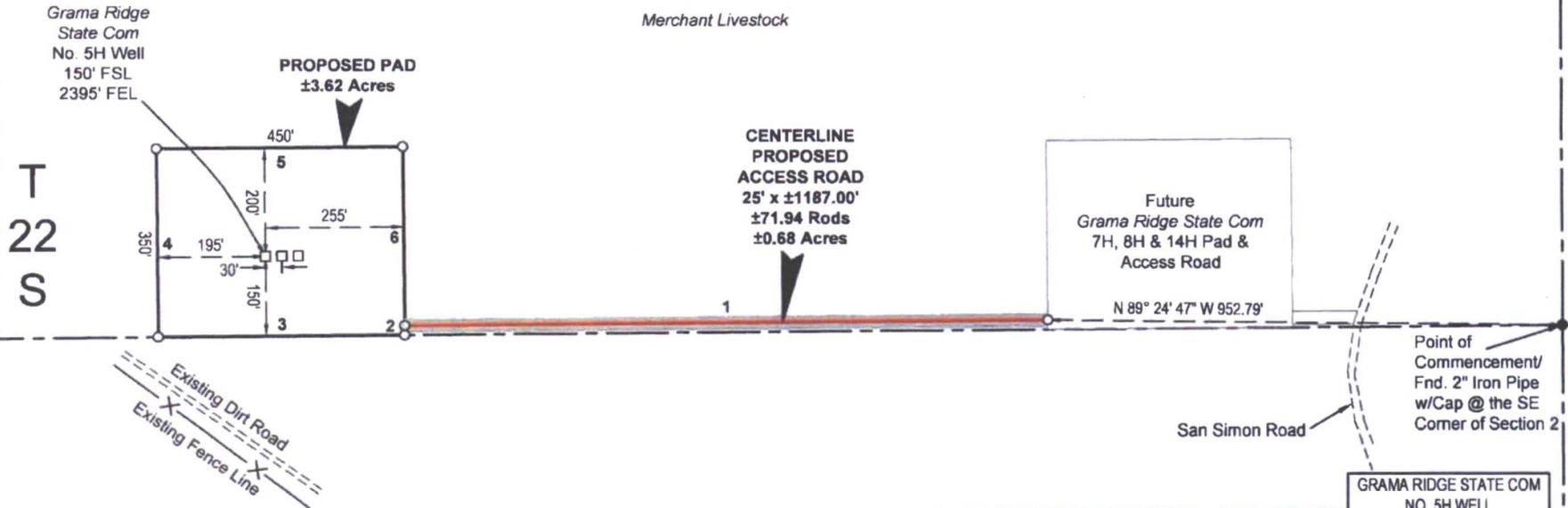
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p><sup>16</sup></p> <table border="1"> <thead> <tr> <th colspan="2">PROPOSED BOTTOM HOLE LOCATION</th> </tr> </thead> <tbody> <tr> <td>X=</td> <td>775,887 NAD 27</td> </tr> <tr> <td>Y=</td> <td>525,553</td> </tr> <tr> <td>LAT.</td> <td>32.441683</td> </tr> <tr> <td>LONG.</td> <td>103.439061</td> </tr> <tr> <td>X=</td> <td>817,070 NAD83</td> </tr> <tr> <td>Y=</td> <td>525,614</td> </tr> <tr> <td>LAT.</td> <td>32.441807</td> </tr> <tr> <td>LONG.</td> <td>103.439542</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2">GRAMA RIDGE STATE COM SH WELL</th> </tr> </thead> <tbody> <tr> <td>X=</td> <td>775,867 NAD 27</td> </tr> <tr> <td>Y=</td> <td>515,396</td> </tr> <tr> <td>LAT.</td> <td>32.413766</td> </tr> <tr> <td>LONG.</td> <td>103.439403</td> </tr> <tr> <td>X=</td> <td>817,050 NAD83</td> </tr> <tr> <td>Y=</td> <td>515,457</td> </tr> <tr> <td>LAT.</td> <td>32.413890</td> </tr> <tr> <td>LONG.</td> <td>103.439883</td> </tr> <tr> <td colspan="2">ELEVATION +3572 NAVD 88</td> </tr> </tbody> </table> <p>CORNER COORDINATES TABLE (NAD 27)</p> <p>A - Y=525879.00, X=775546.76          B - Y=525909.52, X=778185.30          C - Y=515244.04, X=775624.49          D - Y=515265.47, X=778262.61</p>	PROPOSED BOTTOM HOLE LOCATION		X=	775,887 NAD 27	Y=	525,553	LAT.	32.441683	LONG.	103.439061	X=	817,070 NAD83	Y=	525,614	LAT.	32.441807	LONG.	103.439542	GRAMA RIDGE STATE COM SH WELL		X=	775,867 NAD 27	Y=	515,396	LAT.	32.413766	LONG.	103.439403	X=	817,050 NAD83	Y=	515,457	LAT.	32.413890	LONG.	103.439883	ELEVATION +3572 NAVD 88			<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Denise L. White</i> 2-17-17          Signature Date</p> <p>Denise L. White          Printed Name</p> <p>denise.white@blackmtn.com          E-mail Address</p> <p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>2-10-2017          Date of Survey</p> <p>Signature and Seal of Professional Surveyor:            Certificate Number 23006</p>
	PROPOSED BOTTOM HOLE LOCATION																																							
X=	775,887 NAD 27																																							
Y=	525,553																																							
LAT.	32.441683																																							
LONG.	103.439061																																							
X=	817,070 NAD83																																							
Y=	525,614																																							
LAT.	32.441807																																							
LONG.	103.439542																																							
GRAMA RIDGE STATE COM SH WELL																																								
X=	775,867 NAD 27																																							
Y=	515,396																																							
LAT.	32.413766																																							
LONG.	103.439403																																							
X=	817,050 NAD83																																							
Y=	515,457																																							
LAT.	32.413890																																							
LONG.	103.439883																																							
ELEVATION +3572 NAVD 88																																								

R 34 E

Sec. 2

Merchant Livestock



T  
22  
S

Sec. 11

FOR THE EXCLUSIVE USE OF  
BLACK MOUNTAIN OPERATING, LLC  
I, Robert L. Lastrapes, Professional  
Surveyor, do hereby state this plat is true  
and correct to the best of my knowledge.

NW PAD CORNER		NE PAD CORNER		GRAMA RIDGE STATE COM NO. 5H WELL	
X=	775,670 NAD 27	X=	776,120 NAD 27	X=	775,867 NAD 27
Y=	515,594	Y=	515,598	Y=	515,396
ELEVATION +3572' NAVD 88		ELEVATION +3575' NAVD 88		LAT.	32.413766
SW PAD CORNER		SE PAD CORNER		LONG.	103.439403
X=	775,673 NAD 27	X=	776,123 NAD 27	X=	817,050 NAD83
Y=	515,244	Y=	515,248	Y=	515,457
ELEVATION +3567' NAVD 88		ELEVATION +3570' NAVD 88		LAT.	32.413890
				LONG.	103.439883
				ELEVATION +3572' NAVD 88	

LEGEND	
	Centerline Access
	Proposed Pad
	Existing Fence Line
	Future Pad/Access
	Existing Road
	Section Line
	Fnd. Monument

NAD 27 NEW MEXICO EAST ZONE

Scale: 1" = 300'

300' 0 150' 300'

SURFACE USE PLAT

Page 1 of 2

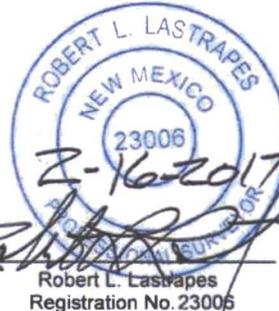
**BLACK MOUNTAIN OPERATING, LLC**

PROPOSED PAD & ACCESS ROAD  
GRAMA RIDGE STATE COM NO. 5H WELL  
SECTION 2, T22S-R34E  
LEA COUNTY, NEW MEXICO

DRAWN BY: BOR		REVISIONS	
PROJ. MGR.: VHV	No.	DATE:	REVISED BY:
DATE: 02/13/2017	No.	DATE:	REVISED BY:
FILENAME: T:\2017\2175215\DWG\Grama Ridge State Com 5H_SUP.dwg			



C. H. Fenstermaker & Associates, L.L.C.  
135 Regency Sq. Lafayette, LA 70508  
Ph. 337-237-2200 Fax. 337-232-3299  
www.fenstermaker.com



**NOTE:**

Please be advised, that while reasonable efforts are made to locate and verify pipelines and anomalies using our standard pipeline locating equipment, it is impossible to be 100 % effective. As such, we advise using caution when performing work as there is a possibility that pipelines and other hazards, such as fiber optic cables, PVC pipelines, etc. may exist undetected on site.

**NOTE:**

Many states maintain information centers that establish links between those who dig (excavators) and those who own and operate underground facilities (operators). It is advisable and in most states, law, for the contractor to contact the center for assistance in locating and marking underground utilities. For guidance: New Mexico One Call - [www.nmonecall.org](http://www.nmonecall.org)

**DISCLAIMER:** At this time, C. H. Fenstermaker & Associates, L.L.C. has not performed nor was asked to perform any type of engineering, hydrological modeling, flood plain, or "No Rise" certification analyses, including but not limited to determining whether the project will impact flood hazards in connection with federal/FEMA, state, and/or local laws, ordinances and regulations. Accordingly, Fenstermaker makes no warranty or representation of any kind as to the foregoing issues, and persons or entities using this information shall do so at their own risk.

FOR THE EXCLUSIVE USE OF  
BLACK MOUNTAIN OPERATING, LLC  
I, Robert L. Lastrapes, Professional  
Surveyor, do hereby state this plat is true  
and correct to the best of my knowledge.

  
Robert L. Lastrapes  
Registration No. 23006

CENTERLINE PROPOSED ACCESS ROAD		
COURSE	BEARING	DISTANCE
1	S 89° 32' 04" W	1187.00'

PROPOSED PAD		
COURSE	BEARING	DISTANCE
2	S 00° 27' 56" E	17.50'
3	S 89° 32' 04" W	450.00'
4	N 00° 27' 56" W	350.00'
5	N 89° 32' 04" E	450.00'
6	S 00° 27' 56" E	332.50'

**SURFACE USE PLAT**

Page 2 of 2

**BLACK MOUNTAIN OPERATING, LLC**  
PROPOSED PAD & ACCESS ROAD  
GRAMA RIDGE STATE COM NO. 5H WELL  
SECTION 2, T22S-R34E  
LEA COUNTY, NEW MEXICO

DRAWN BY: BOR		REVISIONS	
PROJ. MGR.: VHV	No.	DATE:	REVISED BY:
DATE: 02/13/2017	No.	DATE:	REVISED BY:
FILENAME: T:\2017\2175215\DWG\Grama Ridge State Com 5H_SUP.dwg			



C. H. Fenstermaker & Associates, L.L.C.  
135 Regency Sq. Lafayette, LA 70508  
Ph. 337-237-2200 Fax. 337-232-3299  
[www.fenstermaker.com](http://www.fenstermaker.com)