

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44087	² Pool Code 98220 74160	³ Pool Name Carlsbad EAST Purple Sage; Wolfcamp (GAS)
⁴ Property Code 317452	⁵ Property Name HENRY GRANDI	
⁷ OGRID No. 371127	⁸ Operator Name BLACK MOUNTAIN OPERATING, LLC	⁶ Well Number 4H
		⁹ Elevation 3074'

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
P	26	22 SOUTH	27 EAST, N.M.P.M.		1153'	SOUTH	191'	EAST	EDDY

¹¹ 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
L	26	22 SOUTH	27 EAST, N.M.P.M.		2022'	SOUTH	330'	WEST	EDDY

¹² Dedicated Acres 160.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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>¹⁶</p> <p>CORNER COORDINATES TABLE (NAD 27)</p> <p>A - Y=495998.39, X=550956.46 B - Y=496049.21, X=556289.71 C - Y=493329.65, X=550989.55 D - Y=493348.46, X=556232.89</p> <p>26</p> <table border="1"> <tr> <th>PROPOSED BOTTOM HOLE LOCATION</th> <th>PROPOSED PENETRATION POINT</th> <th>HENRI GRANDI 4H WELL</th> </tr> <tr> <td>X= 551.294 NAD 27 Y= 495.353 LAT. 32.361731 LONG. 104.167209</td> <td>X= 555.945 NAD 27 Y= 495.359 LAT. 32.361756 LONG. 104.152147</td> <td>X= 556.066 NAD 27 Y= 494.500 LAT. 32.359366 LONG. 104.151761</td> </tr> <tr> <td>X= 592.476 NAD83 Y= 495.412 LAT. 32.361850 LONG. 104.167709</td> <td>X= 597.127 NAD83 Y= 495.429 LAT. 32.361875 LONG. 104.152646</td> <td>X= 597.248 NAD83 Y= 494.560 LAT. 32.359486 LONG. 104.152261 ELEVATION +3074 NAVD 88</td> </tr> </table>			PROPOSED BOTTOM HOLE LOCATION	PROPOSED PENETRATION POINT	HENRI GRANDI 4H WELL	X= 551.294 NAD 27 Y= 495.353 LAT. 32.361731 LONG. 104.167209	X= 555.945 NAD 27 Y= 495.359 LAT. 32.361756 LONG. 104.152147	X= 556.066 NAD 27 Y= 494.500 LAT. 32.359366 LONG. 104.151761	X= 592.476 NAD83 Y= 495.412 LAT. 32.361850 LONG. 104.167709	X= 597.127 NAD83 Y= 495.429 LAT. 32.361875 LONG. 104.152646	X= 597.248 NAD83 Y= 494.560 LAT. 32.359486 LONG. 104.152261 ELEVATION +3074 NAVD 88	<p>¹⁷ 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>Signature _____ Date 03/02/2017</p> <p>Denise L. White Printed Name</p> <p>denise.white@blackmtn.com E-mail Address</p>		
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<p>C</p>			<p>D</p>											

RFW

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name
	98220	Purple Sage; Wolfcamp (GAS)
⁴ Property Code	⁵ Property Name	
	HENRI GRANDI	
⁷ OGRID No.	⁸ Operator Name	⁶ Well Number
371127	BLACK MOUNTAIN OPERATING, LLC	4H
		⁹ Elevation
		3074'

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
P	26	22 SOUTH	27 EAST, N.M.P.M.		1153'	SOUTH	191'	EAST	EDDY

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¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
160.00			

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>¹⁶</p> <p>CORNER COORDINATES TABLE (NAD 27)</p> <p>A - Y=495998 39, X=550956 46 B - Y=496049 21, X=556289 71 C - Y=493329 85, X=550989 55 D - Y=493348 48, X=558232 89</p> <p>26</p> <table border="1"> <thead> <tr> <th colspan="2">PROPOSED BOTTOM HOLE LOCATION</th> <th colspan="2">PROPOSED PENETRATION POINT</th> <th colspan="2">HENRI GRANDI 4H WELL</th> </tr> </thead> <tbody> <tr> <td>X=</td> <td>551,294 NAD 27</td> <td>X=</td> <td>555,945 NAD 27</td> <td>X=</td> <td>556,066 NAD 27</td> </tr> <tr> <td>Y=</td> <td>495,353</td> <td>Y=</td> <td>495,369</td> <td>Y=</td> <td>494,500</td> </tr> <tr> <td>LAT.</td> <td>32.361731</td> <td>LAT.</td> <td>32.361756</td> <td>LAT.</td> <td>32.359366</td> </tr> <tr> <td>LONG.</td> <td>104.167209</td> <td>LONG.</td> <td>104.152147</td> <td>LONG.</td> <td>104.151761</td> </tr> <tr> <td>X=</td> <td>592,476 NAD83</td> <td>X=</td> <td>597,127 NAD83</td> <td>X=</td> <td>597,248 NAD83</td> </tr> <tr> <td>Y=</td> <td>495,412</td> <td>Y=</td> <td>495,429</td> <td>Y=</td> <td>494,560</td> </tr> <tr> <td>LAT.</td> <td>32.361850</td> <td>LAT.</td> <td>32.361875</td> <td>LAT.</td> <td>32.359486</td> </tr> <tr> <td>LONG.</td> <td>104.167709</td> <td>LONG.</td> <td>104.152646</td> <td>LONG.</td> <td>104.152261</td> </tr> <tr> <td colspan="6">ELEVATION +3074' NAVD 88</td> </tr> </tbody> </table>	PROPOSED BOTTOM HOLE LOCATION		PROPOSED PENETRATION POINT		HENRI GRANDI 4H WELL		X=	551,294 NAD 27	X=	555,945 NAD 27	X=	556,066 NAD 27	Y=	495,353	Y=	495,369	Y=	494,500	LAT.	32.361731	LAT.	32.361756	LAT.	32.359366	LONG.	104.167209	LONG.	104.152147	LONG.	104.151761	X=	592,476 NAD83	X=	597,127 NAD83	X=	597,248 NAD83	Y=	495,412	Y=	495,429	Y=	494,560	LAT.	32.361850	LAT.	32.361875	LAT.	32.359486	LONG.	104.167709	LONG.	104.152646	LONG.	104.152261	ELEVATION +3074' NAVD 88						<p>¹⁷ OPERATOR CERTIFICATION</p> <p><i>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</i></p> <p><i>Denise L. White</i> 03/02/2017 Signature Date</p> <p>Denise L. White Printed Name</p> <p>denise.white@blackmtn.com E-mail Address</p>
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<p>A</p> <p>Proposed Penetration Point 330' FEL, 2022' FSL</p> <p>S 89°47'40"W 4,650.87'</p> <p>Proposed Producing Interval</p> <p>N 07°53'59"W 877.29'</p> <p>330'</p> <p>2022'</p> <p>191'</p> <p>1153'</p> <p>C</p> <p>D</p>	<p>¹⁸ SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>2-21-2017 Date of Survey</p> <p><i>[Signature]</i> Signature and Seal of Professional Surveyor</p> <p>23006 Certificate Number</p>																																																												

LEGEND	
	Section Line
	Centerline Access
	Existing Road
	Proposed Pad
	Powerline
	Fence Line
	Irrigation Ditch
	Calc Corner

R 27 E

NW PAD CORNER		NE PAD CORNER	
X=	555,870 NAD 27	X=	556,220 NAD 27
Y=	494,684	Y=	494,677
ELEVATION +3075' NAVD 88		ELEVATION +3075' NAVD 88	
SW PAD CORNER		SE PAD CORNER	
X=	555,861 NAD 27	X=	556,210 NAD 27
Y=	494,235	Y=	494,228
ELEVATION +3075' NAVD 88		ELEVATION +3074' NAVD 88	

HENRI GRANDI NO. 4H WELL			
X=	556,066	NAD 27	
Y=	494,500		
LAT.	32.359366		
LONG.	104.151761		
X=	597,248	NAD83	
Y=	494,560		
LAT.	32.359486		
LONG.	104.152261		
ELEVATION +3074' NAVD 88			

Sec. 25

T
22
S

Sec. 26

Brantley

Henri Grandi
No. 4H Well
1153' FSL
191' FEL

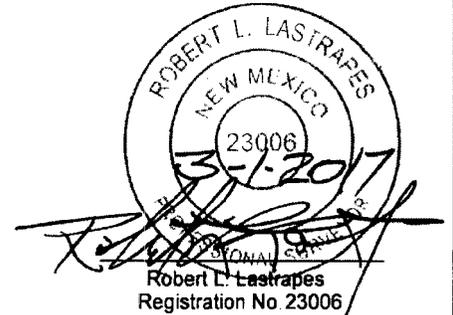
PROPOSED PAD
±3.62 Acres

CENTERLINE
PROPOSED
ACCESS ROAD
25' x ±38.39'
±2.33 Rods
±0.02 Acres

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.



Point of
Commencement/
Calculated Corner
@ the SE Corner
of Section 26



BLACK MOUNTAIN OPERATING, LLC
PROPOSED PAD & ACCESS ROAD
HENRI GRANDI NO. 4H WELL
SECTION 26, T22S-R27E
EDDY COUNTY, NEW MEXICO



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

DRAWN BY: KJD		REVISIONS	
PROJ MGR.: GDG	No 1	DATE	REVISED BY:
DATE: 02/24/2017	No.	DATE:	REVISED BY:
FILENAME: T:\2017\2175373\DWG\HENRI GRANDI 4H SUP.dwg			

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.nmonccall.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.

CENTERLINE PROPOSED ACCESS ROAD		
COURSE	BEARING	DISTANCE
1	N 89° 07' 54" W	38.39'

PROPOSED PAD		
COURSE	BEARING	DISTANCE
2	S 01° 09' 10" W	17.95'
3	N 88° 50' 50" W	350.00'
4	N 01° 09' 10" E	450.00'
5	S 88° 50' 50" E	350.00'
6	S 01° 09' 10" W	432.05'

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I, Robert L. Lastrapes, Professional
Surveyor, do hereby state this plat is true
and correct to the best of my knowledge.

ROBERT L. LASTRAPES
NEW MEXICO
23006
3-1-2017
Robert L. Lastrapes
Registration No. 23006

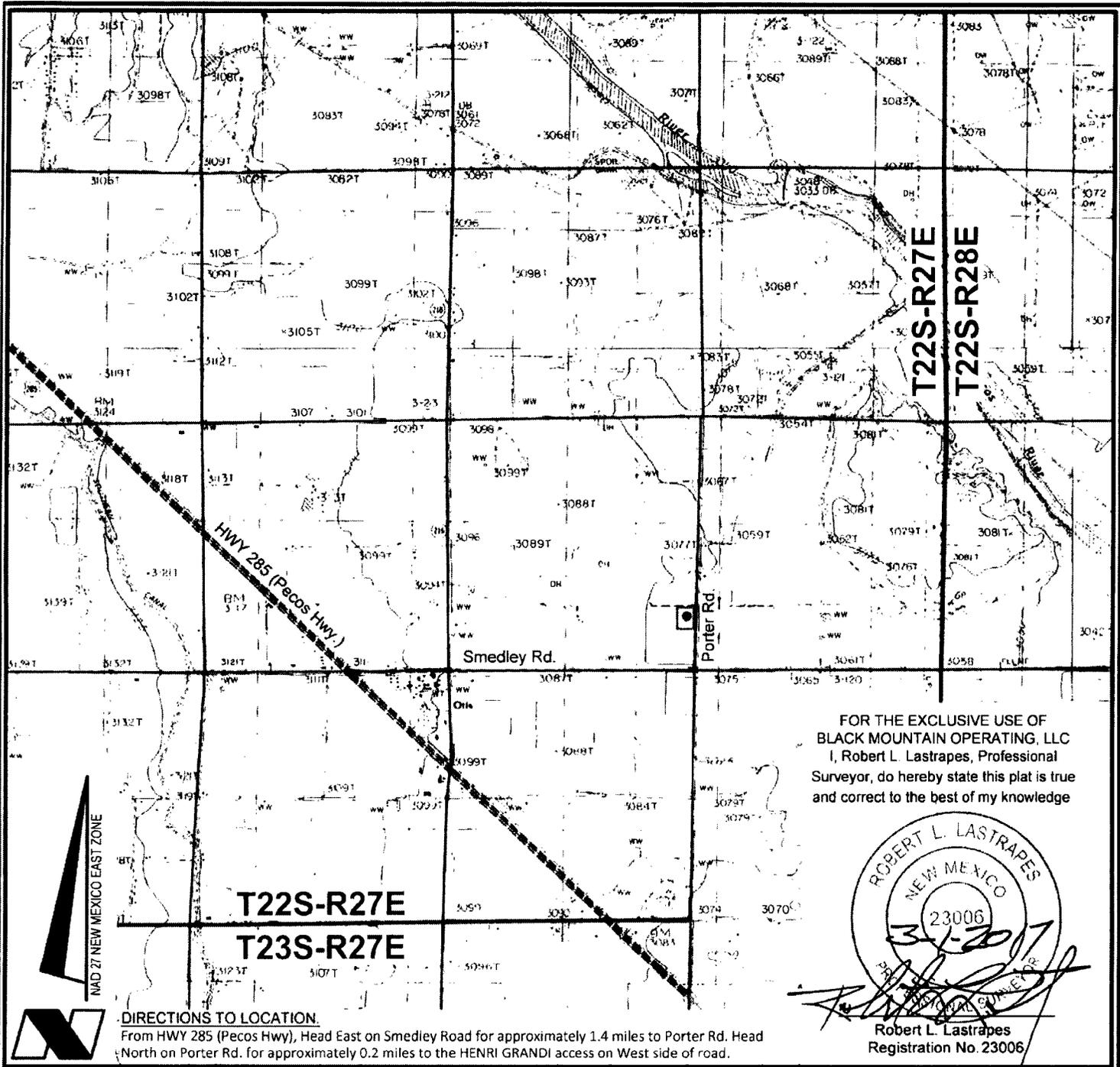
SURFACE USE PLAT

BLACK MOUNTAIN OPERATING, LLC
PROPOSED PAD & ACCESS ROAD
HENRI GRANDI NO. 4H WELL
SECTION 26, T22S-R27E
EDDY COUNTY, NEW MEXICO



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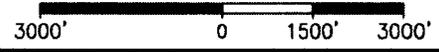


Robert L. Lastrapes
 Registration No. 23006

DIRECTIONS TO LOCATION.

From HWY 285 (Pecos Hwy), Head East on Smedley Road for approximately 1.4 miles to Porter Rd. Head North on Porter Rd. for approximately 0.2 miles to the HENRI GRANDI access on West side of road.

VICINITY MAP



BLACK MOUNTAIN OPERATING, LLC
 HENRI GRANDE NO. 4H WELL
 LOCATED 1153' FSL AND 191' FEL
 SECTION 26, T22S-R27E
 EDDY COUNTY, NEW MEXICO

- LEGEND**
- Proposed Well
 - Proposed DrillSite
 - Section Line
 - Township & Range
 - - - Existing Road



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