

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 30-015-44086	² Pool Code 90220-74160	³ Pool Name Carlsbad EAST <small>Purple Sage; Wolfcamp (GAS)</small>	⁴ Well Number 74160
⁵ Property Code 317452	⁶ Property Name HENRY GRANDI		⁷ Well Number 3H
⁸ OGRID No. 371127	⁹ Operator Name BLACK MOUNTAIN OPERATING, LLC		¹⁰ 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.		1123'	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.		1992'	SOUTH	330'	WEST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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>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 colspan="2">PROPOSED BOTTOM HOLE LOCATION</th> <th colspan="2">PROPOSED PENETRATION POINT</th> <th colspan="2">HENRI GRANDI 3H WELL</th> </tr> <tr> <td>X=</td><td>551.295 NAD 27</td> <td>X=</td><td>555.945 NAD 27</td> <td>X=</td><td>556.065 NAD 27</td> </tr> <tr> <td>Y=</td><td>495.323</td> <td>Y=</td><td>495.339</td> <td>Y=</td><td>494.470</td> </tr> <tr> <td>LAT.</td><td>32.361648</td> <td>LAT.</td><td>32.361673</td> <td>LAT.</td><td>32.359284</td> </tr> <tr> <td>LONG.</td><td>104.167208</td> <td>LONG.</td><td>104.152149</td> <td>LONG.</td><td>104.151763</td> </tr> <tr> <td>X=</td><td>592.477 NAD83</td> <td>X=</td><td>597.127 NAD83</td> <td>X=</td><td>597.247 NAD83</td> </tr> <tr> <td>Y=</td><td>495.382</td> <td>Y=</td><td>495.399</td> <td>Y=</td><td>494.530</td> </tr> <tr> <td>LAT.</td><td>32.361767</td> <td>LAT.</td><td>32.361793</td> <td>LAT.</td><td>32.359403</td> </tr> <tr> <td>LONG.</td><td>104.167708</td> <td>LONG.</td><td>104.152649</td> <td>LONG.</td><td>104.152263</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2">ELEVATION +3074' NAVD 88</td> </tr> </table>		PROPOSED BOTTOM HOLE LOCATION		PROPOSED PENETRATION POINT		HENRI GRANDI 3H WELL		X=	551.295 NAD 27	X=	555.945 NAD 27	X=	556.065 NAD 27	Y=	495.323	Y=	495.339	Y=	494.470	LAT.	32.361648	LAT.	32.361673	LAT.	32.359284	LONG.	104.167208	LONG.	104.152149	LONG.	104.151763	X=	592.477 NAD83	X=	597.127 NAD83	X=	597.247 NAD83	Y=	495.382	Y=	495.399	Y=	494.530	LAT.	32.361767	LAT.	32.361793	LAT.	32.359403	LONG.	104.167708	LONG.	104.152649	LONG.	104.152263					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>03/02/2017</p> <p>Signature _____ Date _____</p> <p>Denise L. White</p> <p>Printed Name _____</p> <p>denise.white@blackmtn.com</p> <p>E-mail Address _____</p>
PROPOSED BOTTOM HOLE LOCATION		PROPOSED PENETRATION POINT		HENRI GRANDI 3H WELL																																																										
X=	551.295 NAD 27	X=	555.945 NAD 27	X=	556.065 NAD 27																																																									
Y=	495.323	Y=	495.339	Y=	494.470																																																									
LAT.	32.361648	LAT.	32.361673	LAT.	32.359284																																																									
LONG.	104.167208	LONG.	104.152149	LONG.	104.151763																																																									
X=	592.477 NAD83	X=	597.127 NAD83	X=	597.247 NAD83																																																									
Y=	495.382	Y=	495.399	Y=	494.530																																																									
LAT.	32.361767	LAT.	32.361793	LAT.	32.359403																																																									
LONG.	104.167708	LONG.	104.152649	LONG.	104.152263																																																									
				ELEVATION +3074' NAVD 88																																																										
<p>A</p> <p>330'</p> <p>1992'</p> <p>S 89°47'40"W 4,649.87'</p> <p>Proposed Penetration Point</p> <p>330' FEL, 1992' FSL</p> <p>Proposed Producing Interval</p> <p>N 07°54'06"W 877.30'</p> <p>191'</p> <p>1123'</p> <p>C</p> <p>D</p>		<p>¹⁸ 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>2-21-2017</p> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor _____</p> <p>23006</p> <p>Certificate Number</p>																																																												

RwP

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	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	3H
		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.		1123'	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.		1992'	SOUTH	330'	WEST	EDDY

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 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 align="center">26</p>		<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 align="right"><i>Denise White</i> 03/02/2017 Signature Date</p> <p>Denise L. White Printed Name</p> <p>denise.white@blackmtn.com E-mail Address</p>																																																								
<table border="1"> <tr> <th colspan="2">PROPOSED BOTTOM HOLE LOCATION</th> </tr> <tr> <td>X= 551,295 NAD 27</td> <td></td> </tr> <tr> <td>Y= 495,323</td> <td></td> </tr> <tr> <td>LAT. 32.361648</td> <td></td> </tr> <tr> <td>LONG. 104.167208</td> <td></td> </tr> <tr> <td>X= 592,477 NAD83</td> <td></td> </tr> <tr> <td>Y= 495,382</td> <td></td> </tr> <tr> <td>LAT. 32.361767</td> <td></td> </tr> <tr> <td>LONG. 104.167708</td> <td></td> </tr> </table>	PROPOSED BOTTOM HOLE LOCATION		X= 551,295 NAD 27		Y= 495,323		LAT. 32.361648		LONG. 104.167208		X= 592,477 NAD83		Y= 495,382		LAT. 32.361767		LONG. 104.167708		<table border="1"> <tr> <th colspan="2">PROPOSED PENETRATION POINT</th> </tr> <tr> <td>X= 555,945 NAD 27</td> <td></td> </tr> <tr> <td>Y= 495,339</td> <td></td> </tr> <tr> <td>LAT. 32.361673</td> <td></td> </tr> <tr> <td>LONG. 104.152149</td> <td></td> </tr> <tr> <td>X= 597,127 NAD83</td> <td></td> </tr> <tr> <td>Y= 495,399</td> <td></td> </tr> <tr> <td>LAT. 32.361793</td> <td></td> </tr> <tr> <td>LONG. 104.152649</td> <td></td> </tr> </table>	PROPOSED PENETRATION POINT		X= 555,945 NAD 27		Y= 495,339		LAT. 32.361673		LONG. 104.152149		X= 597,127 NAD83		Y= 495,399		LAT. 32.361793		LONG. 104.152649		<table border="1"> <tr> <th colspan="2">HENRI GRANDI 3H WELL</th> </tr> <tr> <td>X= 556,065 NAD 27</td> <td></td> </tr> <tr> <td>Y= 494,470</td> <td></td> </tr> <tr> <td>LAT. 32.359284</td> <td></td> </tr> <tr> <td>LONG. 104.151763</td> <td></td> </tr> <tr> <td>X= 597,247 NAD83</td> <td></td> </tr> <tr> <td>Y= 494,530</td> <td></td> </tr> <tr> <td>LAT. 32.369403</td> <td></td> </tr> <tr> <td>LONG. 104.152263</td> <td></td> </tr> <tr> <td colspan="2">ELEVATION +3074' NAVD 88</td> </tr> </table>	HENRI GRANDI 3H WELL		X= 556,065 NAD 27		Y= 494,470		LAT. 32.359284		LONG. 104.151763		X= 597,247 NAD83		Y= 494,530		LAT. 32.369403		LONG. 104.152263		ELEVATION +3074' NAVD 88	
PROPOSED BOTTOM HOLE LOCATION																																																										
X= 551,295 NAD 27																																																										
Y= 495,323																																																										
LAT. 32.361648																																																										
LONG. 104.167208																																																										
X= 592,477 NAD83																																																										
Y= 495,382																																																										
LAT. 32.361767																																																										
LONG. 104.167708																																																										
PROPOSED PENETRATION POINT																																																										
X= 555,945 NAD 27																																																										
Y= 495,339																																																										
LAT. 32.361673																																																										
LONG. 104.152149																																																										
X= 597,127 NAD83																																																										
Y= 495,399																																																										
LAT. 32.361793																																																										
LONG. 104.152649																																																										
HENRI GRANDI 3H WELL																																																										
X= 556,065 NAD 27																																																										
Y= 494,470																																																										
LAT. 32.359284																																																										
LONG. 104.151763																																																										
X= 597,247 NAD83																																																										
Y= 494,530																																																										
LAT. 32.369403																																																										
LONG. 104.152263																																																										
ELEVATION +3074' NAVD 88																																																										
<p align="center">¹⁸ 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 align="right">2-21-2017 Date of Survey</p> <p align="right"><i>[Signature]</i> Signature and Seal of Professional Surveyor</p> <p align="right">23006 Certificate Number</p>		<p>Proposed Penetration Point 330' FEL, 1992' FSL</p> <p>S 89°47'40"W 4.649.87'</p> <p>Proposed Producing Interval</p> <p>N 07°54'06"W 877.30'</p> <p>330'</p> <p>1992'</p> <p>1123'</p> <p>191'</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. 3H WELL	
		X=	556,065 NAD 27
		Y=	494,470
		LAT	32.359284
		LONG.	104.151763
		X=	597,247 NAD83
		Y=	494,530
		LAT.	32.359403
		LONG.	104.152263
		ELEVATION +3074' NAVD 88	

Sec. 25

T
22
S

Sec. 26

Brantley

PROPOSED PAD
±3.62 Acres

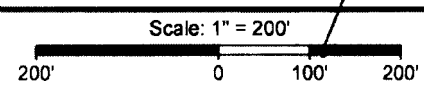
CENTERLINE
PROPOSED
ACCESS ROAD
25' x ±38.39'
±2.33 Rods
±0.02 Acres

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.



Robert L. Lastrapes
Registration No 23006

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



SURFACE USE PLAT

BLACK MOUNTAIN OPERATING, LLC
PROPOSED PAD & ACCESS ROAD
HENRI GRANDI NO. 3H 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\2175372\DWG\HENRI GRANDI 3H 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.

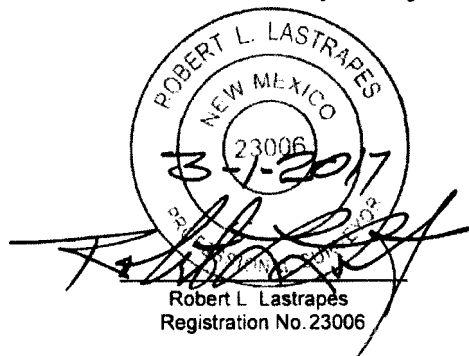
For guidance: New Mexico One Call - www.nmonccall.org

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'

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.



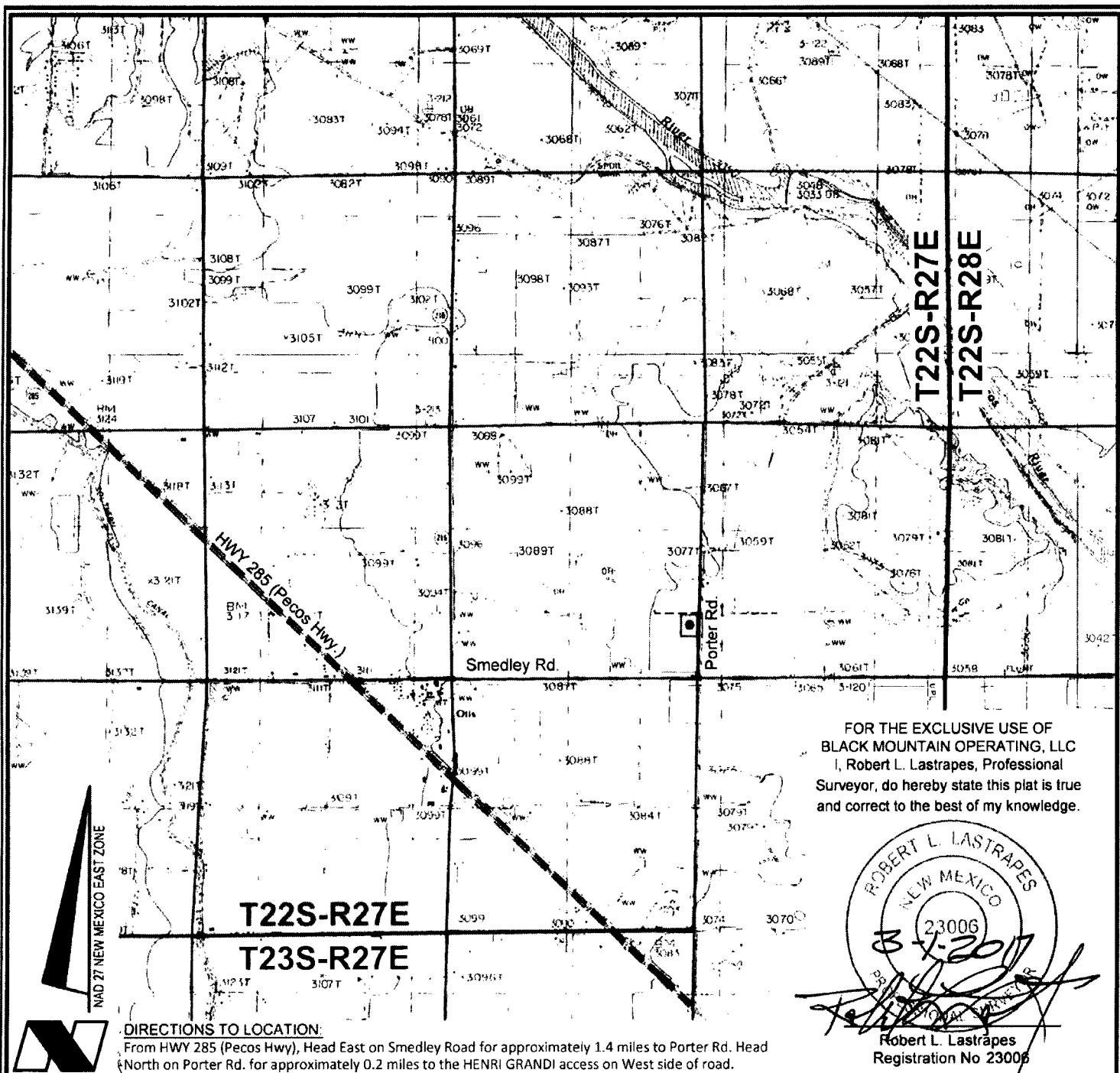
SURFACE USE PLAT

BLACK MOUNTAIN OPERATING, LLC
PROPOSED PAD & ACCESS ROAD
HENRI GRANDI NO. 3H 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\2175372\DWG\HENRI GRANDI 3H SUP.dwg			



VICINITY MAP

3000' 0 1500' 3000'

LEGEND

- Proposed Well
- Proposed Drillsite
- Section Line
- Township & Range
- Existing Road

BLACK MOUNTAIN OPERATING, LLC

HENRI GRANDI NO. 3H WELL
LOCATED 1123' FSL AND 191' FEL
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.

DATE

REVISED BY:

DATE: 02/24/2017

No.

DATE:

REVISED BY:

FILENAME: T:\2017\2175372\DWG\HENRI GRANDI 3H Vicinity.dwg