

District I
1625 N French Dr, Hobbs, NM 88240
Phone: (575) 393-6101 Fax: (575) 393-0720

District II
811 S First St, Aramis, 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
HOBBS OCD
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 16 2017

WELL LOCATION AND ACREAGE DEDICATION **RECEIVED**

1 API Number 30-025-47608		2 Pool Code 97397		3 Pool Name GRAMA RIDGE WOLF CAMP WEST	
4 Property Code 316265		5 Property Name GRAMA RIDGE STATE 8			6 Well Number 3H
7 OGRID No. 871127		8 Operator Name BLACK MOUNTAIN OPERATING, LLC			9 Elevation 3548'

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	8	22 SOUTH	34 EAST, N.M.P.M.		150'	SOUTH	695'	EAST	LEA

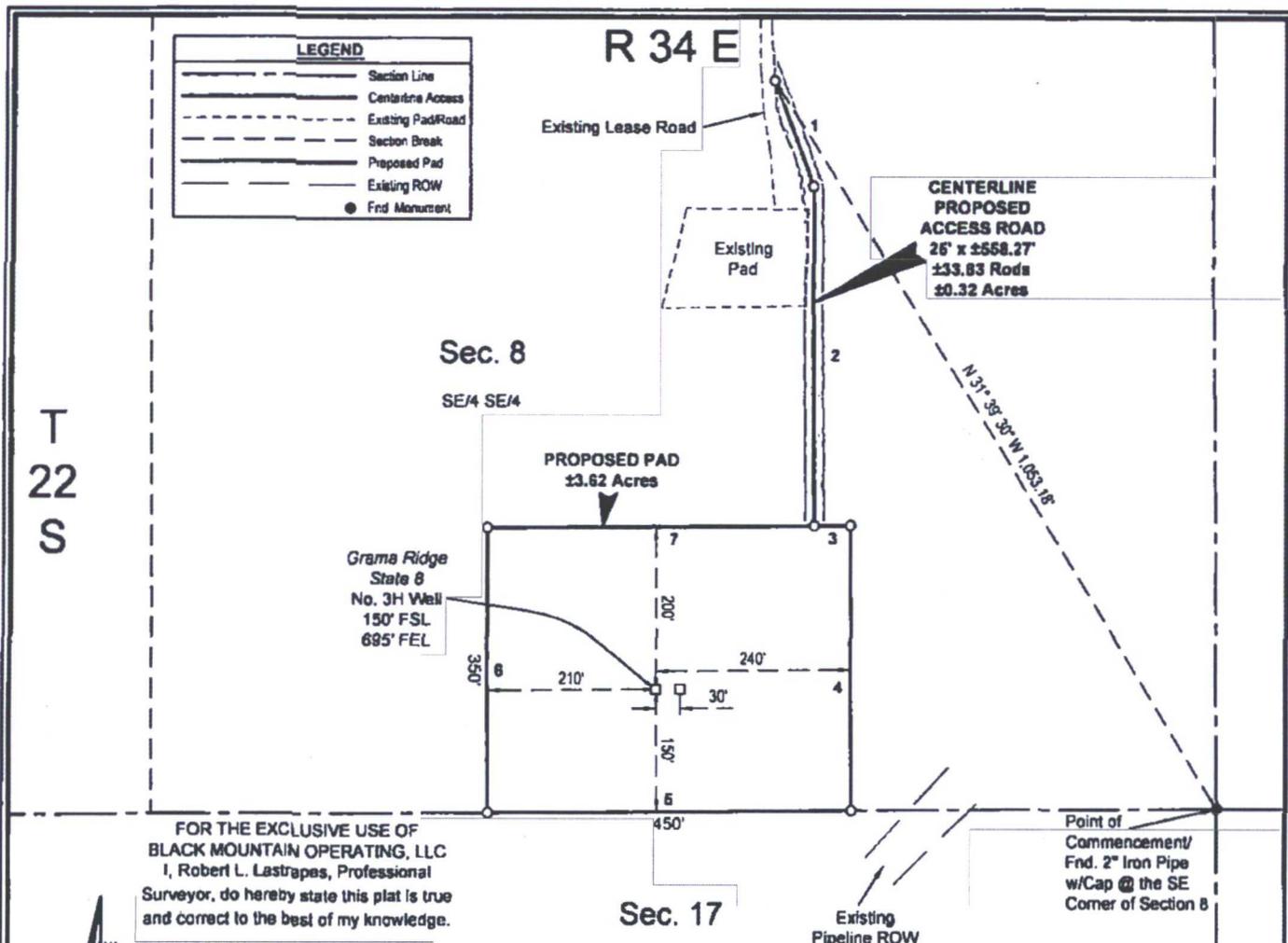
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	8	22 SOUTH	34 EAST, N.M.P.M.		330'	NORTH	995'	EAST	LEA

12 Dedicated Acres 160	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>PROPOSED BOTTOM HOLE LOCATION</p> <p>X= 761,417 NAD 27 Y= 514,797 LAT. 32.412443 LONG. 103.486237</p> <p>X= 802,600 NAD83 Y= 514,858 LAT. 32.412567 LONG. 103.486719</p>	<p>GRAMA RIDGE STATE 8 3H WELL</p> <p>X= 761,748 NAD 27 Y= 510,000 LAT. 32.399251 LONG. 103.485289</p> <p>X= 802,931 NAD83 Y= 510,061 LAT. 32.399375 LONG. 103.485771</p> <p>ELEVATION -3548' NAVD 88</p>	<p>CORNER COORDINATES TABLE (NAD 27)</p> <p>A - Y=515115.64, X=758778.87 B - Y=515133.79, X=762410.14 C - Y=509838.87, X=759808.89 D - Y=509854.60, X=762443.72</p>	<p>Proposed Producing Interval</p> <p>Proposed Penetration Point 330' FSL, 995' FEL</p> <p>N 59°25'10" W 349.79'</p> <p>N 00°21'52" W 4,619.21'</p> <p>330'</p> <p>995'</p> <p>150'</p> <p>695'</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 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> 2-13-17 Signature Date</p> <p>Denise L. White Printed Name</p> <p>denise.white@blackmtn.com E-mail Address</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>01-25-2017 Date of Survey</p> <p>Signature and Seal of Professional Surveyor: ROBERT L. LASTRAPES NEW MEXICO 23006 2-10-2017</p> <p>23006 Certificate Number</p>
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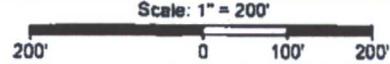
FOR THE EXCLUSIVE USE OF
 BLACK MOUNTAIN OPERATING, LLC
 I, Robert L. Lastrapes, Professional
 Surveyor, do hereby state this plat is true
 and correct to the best of my knowledge.

ROBERT L. LASTRAPES
 NEW MEXICO
 23006
 3/10/2017
 Robert L. Lastrapes
 Registration No. 23006

GRAMA RIDGE STATE 8 NO. 3H WELL		NW PAD CORNER	NE PAD CORNER
X=	761,748 NAD 27	X= 761,536 NAD 27	X= 761,986 NAD 27
Y=	510,000	Y= 510,198	Y= 510,202
LAT.	32.399251	ELEVATION +3547' NAVD 88	ELEVATION +3549' NAVD 88
LONG.	103.485289	SW PAD CORNER	SE PAD CORNER
X=	802,931 NAD83	X= 761,539 NAD 27	X= 761,989 NAD 27
Y=	510,061	Y= 509,848	Y= 509,852
LAT.	32.399375	ELEVATION +3548' NAVD 88	ELEVATION +3541' NAVD 88
LONG.	103.485771		



SURFACE USE PLAT



BLACK MOUNTAIN OPERATING, LLC
 PROPOSED PAD & ACCESS ROAD
 GRAMA RIDGE STATE 8 NO. 3H WELL
 SECTION 8, T22S-R34E
 LEA 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: BOR		REVISIONS	
PROJ. MGR.: VHV	No. 1	DATE: 02/07/2017	REVISED BY: BOR
DATE: 11/15/2016	No.	DATE:	REVISED BY:
FILENAME: T:\2016\2164917\DWG\Grama Ridge State 8 3H_SUP_020817.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.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.

CENTERLINE PROPOSED ACCESS ROAD		
COURSE	BEARING	DISTANCE
1	S 19° 47' 18" E	142.25'
2	S 00° 23' 24" E	416.02'

PROPOSED PAD		
COURSE	BEARING	DISTANCE
3	N 89° 36' 36" E	44.47'
4	S 00° 23' 24" E	350.00'
5	S 89° 36' 36" W	450.00'
6	N 00° 23' 24" W	350.00'
7	N 89° 36' 36" E	405.53'

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
GRAMA RIDGE STATE 8 NO. 3H WELL
SECTION 8, T22S-R34E
LEA COUNTY, NEW MEXICO



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FILENAME: T:\2018\2164917\DWG\Grama Ridge State 8 3H_SUP_020617.dwg			