

PROPOSED BOTTOM HOLE LOCATION	
X=	777,187 NAD 27
Y=	525,568
LAT.	32.441694
LONG.	103.434847
X=	818,370 NAD83
Y=	525,629
LAT.	32.441818
LONG.	103.435328

GRAMA RIDGE STATE COM 7H WELL	
X=	777,504 NAD 27
Y=	515,409
LAT.	32.413765
LONG.	103.434099
X=	818,687 NAD83
Y=	515,470
LAT.	32.413889
LONG.	103.434578
ELEVATION +3573 NAVD 88	

CORNER COORDINATES TABLE (NAD 27)

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

Map details: 35' interval, 330' FSL, 1007.9' FEL, 150', 758', 307.62', 54°39'09" W, 00°22'35" W, 9,980.89', 221S-R34E, 222S-R34E.

17 OPERATOR CERTIFICATION

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.

Signature: Denise L. White Date: 2-17-2017

Printed Name: Denise L. White

E-mail Address: denise.white@blackmtm.com

18 SURVEYOR CERTIFICATION

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.

Date of Survey: 2-10-2017

Signature and Seal of Professional Surveyor: [Signature]

Certificate Number: 23006

GRAMA RIDGE STATE COM
NO. 7H WELL

X= 777,504 NAD 27
Y= 515,409
LAT. 32.413765
LONG. 103.434099

X= 818,687 NAD83
Y= 515,470
LAT. 32.413889
LONG. 103.434578

ELEVATION +3573' NAVD 88

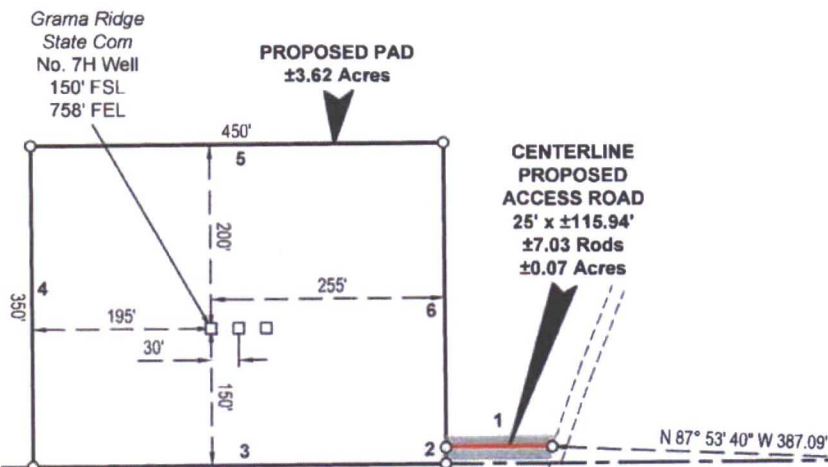
NW PAD CORNER		NE PAD CORNER	
X=	777,307 NAD 27	X=	777,757 NAD 27
Y=	515,608	Y=	515,611
ELEVATION +3575' NAVD 88		ELEVATION +3575' NAVD 88	
SW PAD CORNER		SE PAD CORNER	
X=	777,310 NAD 27	X=	777,760 NAD 27
Y=	515,258	Y=	515,261
ELEVATION +3570' NAVD 88		ELEVATION +3572' NAVD 88	

R 34 E

Sec. 2

Merchant Livestock

T
22
S



Sec. 1

Point of
Commencement/
Fnd. 2" Iron Pipe
w/Cap @ the SE
Corner of Section 2

Sec. 11

Sec. 12

San Simon Road

NAD 27 NEW MEXICO EAST ZONE

LEGEND	
	Centerline Access
	Proposed Pad
	Existing Road
	Section Line
	Fnd Monument

Scale: 1" = 200'

200' 0 100' 200'

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

SURFACE USE PLAT

Page 1 of 2

BLACK MOUNTAIN OPERATING, LLC

PROPOSED PAD & ACCESS ROAD
GRAMA RIDGE STATE COM NO. 7H WELL
SECTION 2, T22S-R34E
LEA COUNTY, NEW MEXICO

DRAWN BY: BOR

REVISIONS

PROJ. MGR.: VHV

No.

DATE:

REVISED BY:

DATE: 02/14/2017

No.

DATE:

REVISED BY:

FILENAME: T:\2017\2175218\DWG\Grama Ridge State Com 7H_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:

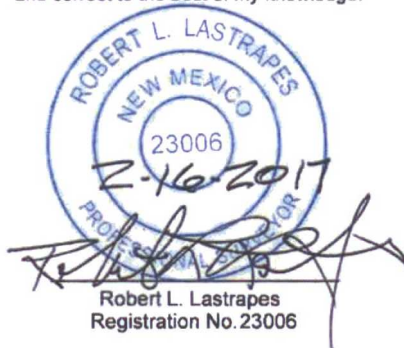
Please be advised, that while reasonable efforts are made to locate and verify pipelines and anomalies using our standard pipeline locating equipment, it is impossible to be 100 % effective. As such, we advise using caution when performing work as there is a possibility that pipelines and other hazards,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

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.

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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.



CENTERLINE PROPOSED ACCESS ROAD		
COURSE	BEARING	DISTANCE
1	S 89° 32' 04" W	115.94'

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. 7H WELL
SECTION 2, T22S-R34E
LEA COUNTY, NEW MEXICO

DRAWN BY: BOR

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PROJ. MGR.: VHV

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DATE:

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