

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

FEB 20 2017

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|---|---|---|
| ¹ API Number 30-025-43617 | ² Pool Code 28435 | ³ Pool Name GRAMA RIDGE; B4, NE |
| ⁴ Property Code 317441 | ⁵ Property Name GRAMA RIDGE STATE COM | ⁶ Well Number 6H |
| ⁷ OGRID No. 37127 | ⁸ Operator Name BLACK MOUNTAIN OPERATING, LLC | ⁹ Elevation 3572' |

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 |
|---------------|---------|----------|-------------------|---------|---------------|------------------|---------------|----------------|--------|
| O | 2 | 22 SOUTH | 34 EAST, N.M.P.M. | | 150' | SOUTH | 2365' | 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 |
|---------------|---------|----------|-------------------|---------|---------------|------------------|---------------|----------------|--------|
| B | 35 | 21 SOUTH | 34 EAST, N.M.P.M. | | 330' | NORTH | 1683' | EAST | LEA |

| | | | |
|-------------------------------|-------------------------------|----------------------------------|-------------------------|
| 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> <table><tr><td>PROPOSED BOTTOM HOLE LOCATION</td></tr><tr><td>X= 776,505 NAD 27</td></tr><tr><td>Y= 525,560</td></tr><tr><td>LAT. 32.441688</td></tr><tr><td>LONG. 103.437058</td></tr><tr><td>X= 817,688 NAD83</td></tr><tr><td>Y= 525,621</td></tr><tr><td>LAT. 32.441812</td></tr><tr><td>LONG. 103.437538</td></tr></table> <table><tr><td>GRAMA RIDGE STATE COM 6H WELL</td></tr><tr><td>X= 775,897 NAD 27</td></tr><tr><td>Y= 515,396</td></tr><tr><td>LAT. 32.413766</td></tr><tr><td>LONG. 103.439306</td></tr><tr><td>X= 817,080 NAD83</td></tr><tr><td>Y= 515,457</td></tr><tr><td>LAT. 32.413890</td></tr><tr><td>LONG. 103.439786</td></tr><tr><td>ELEVATION +3572 NAVD 88</td></tr></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= 776,505 NAD 27 | Y= 525,560 | LAT. 32.441688 | LONG. 103.437058 | X= 817,688 NAD83 | Y= 525,621 | LAT. 32.441812 | LONG. 103.437538 | GRAMA RIDGE STATE COM 6H WELL | X= 775,897 NAD 27 | Y= 515,396 | LAT. 32.413766 | LONG. 103.439306 | X= 817,080 NAD83 | Y= 515,457 | LAT. 32.413890 | LONG. 103.439786 | ELEVATION +3572 NAVD 88 | <p>35</p> <p>T21S-R34E</p> <p>T22S-R34E</p> <p>2</p> <p>Proposed Penetration Point</p> <p>330' FSL, 1694.2' FEL</p> <p>N 74°31'24" E 694.96'</p> <p>N 00°21'06" W 9,978.55'</p> <p>1683'</p> <p>330'</p> <p>2365'</p> <p>150'</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>Denise L. White 2-17-17 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>2-10-2017 Date of Survey</p> <p>Signature and Seal of Professional Surveyor: 2-16-2017 23006 Certificate Number</p> |
| PROPOSED BOTTOM HOLE LOCATION | | | | | | | | | | | | | | | | | | | | | |
| X= 776,505 NAD 27 | | | | | | | | | | | | | | | | | | | | | |
| Y= 525,560 | | | | | | | | | | | | | | | | | | | | | |
| LAT. 32.441688 | | | | | | | | | | | | | | | | | | | | | |
| LONG. 103.437058 | | | | | | | | | | | | | | | | | | | | | |
| X= 817,688 NAD83 | | | | | | | | | | | | | | | | | | | | | |
| Y= 525,621 | | | | | | | | | | | | | | | | | | | | | |
| LAT. 32.441812 | | | | | | | | | | | | | | | | | | | | | |
| LONG. 103.437538 | | | | | | | | | | | | | | | | | | | | | |
| GRAMA RIDGE STATE COM 6H WELL | | | | | | | | | | | | | | | | | | | | | |
| X= 775,897 NAD 27 | | | | | | | | | | | | | | | | | | | | | |
| Y= 515,396 | | | | | | | | | | | | | | | | | | | | | |
| LAT. 32.413766 | | | | | | | | | | | | | | | | | | | | | |
| LONG. 103.439306 | | | | | | | | | | | | | | | | | | | | | |
| X= 817,080 NAD83 | | | | | | | | | | | | | | | | | | | | | |
| Y= 515,457 | | | | | | | | | | | | | | | | | | | | | |
| LAT. 32.413890 | | | | | | | | | | | | | | | | | | | | | |
| LONG. 103.439786 | | | | | | | | | | | | | | | | | | | | | |
| ELEVATION +3572 NAVD 88 | | | | | | | | | | | | | | | | | | | | | |

R 34 E

Sec. 2

Merchant Livestock

Grama Ridge
State Com
No. 6H Well
150' FSL
2365' FEL

PROPOSED PAD
±3.62 Acres

**CENTERLINE
PROPOSED
ACCESS ROAD**
25' x ±1187.00'
±71.94 Rods
±0.68 Acres

Future
Grama Ridge State Com
7H, 8H & 14H Pad &
Access Road

N 89° 24' 47" W 952.79'

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

San Simon Road

T
22
S

Existing Dirt Road
Existing Fence Line

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.



Robert L. Lastrapes
Registration No. 23006

GRAMA RIDGE STATE COM
NO. 6H WELL

| NW PAD CORNER | NE PAD CORNER | |
|--------------------------|--------------------------|--------------------------|
| X= 775,670 NAD 27 | X= 776,120 NAD 27 | X= 775,897 NAD 27 |
| Y= 515,594 | Y= 515,598 | Y= 515,396 |
| ELEVATION +3572' NAVD 88 | ELEVATION +3575' NAVD 88 | LAT. 32.413766 |
| | | LONG. 103.439306 |
| SW PAD CORNER | SE PAD CORNER | |
| X= 775,673 NAD 27 | X= 776,123 NAD 27 | X= 817,080 NAD 83 |
| Y= 515,244 | Y= 515,248 | Y= 515,457 |
| ELEVATION +3567' NAVD 88 | ELEVATION +3570' NAVD 88 | LAT. 32.413890 |
| | | LONG. 103.439786 |
| | | ELEVATION +3572' NAVD 88 |

LEGEND

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

Scale: 1" = 300'

300' 0 150' 300'



NAD 27 NEW MEXICO EAST ZONE



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

SURFACE USE PLAT

Page 1 of 2

BLACK MOUNTAIN OPERATING, LLC

PROPOSED PAD & ACCESS ROAD
GRAMA RIDGE STATE COM NO. 6H 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\2175216\DWG\Grama Ridge State Com 6H_SUP.dwg | | | |

NOTE:

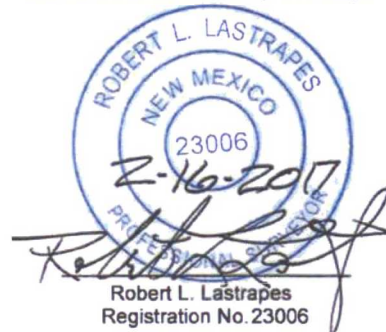
Please be advised, that while reasonable efforts are made to locate and verify pipelines and anomalies using our standard pipeline locating equipment, it is impossible to be 100 % effective. As such, we advise using caution when performing work as there is a possibility that pipelines and other hazards,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



| 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. 6H 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\2175216\DWG\Grama Ridge State Com 6H_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