

District I
1625 N French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 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

FEB 16 2017

AMENDED REPORT

RECEIVED
WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | |
|---|--|---|--|--|-----------------------------------|
| ¹ API Number 70-025-47610 | | ² Pool Code 97797 | | ³ Pool Name GRAMA RIDGE; WOLF CAMP, WEST | |
| ⁴ Property Code 710265 | | ⁵ Property Name GRAMA RIDGE STATE 8 | | | ⁶ Well Number 9H 1H |
| ⁷ OGRID No. 371127 | | ⁸ Operator Name BLACK MOUNTAIN OPERATING, LLC | | | ⁹ Elevation 3536 |

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 | 8 | 22 SOUTH | 34 EAST, N.M.P.M. | | 250' | SOUTH | 1995' | 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 | 8 | 22 SOUTH | 34 EAST, N.M.P.M. | | 330' | NORTH | 2240' | EAST | LEA |

| | | | |
|--------------------------------------|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres 160 | 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.

¹⁶

| PROPOSED BOTTOM HOLE LOCATION | |
|-------------------------------|----------------|
| X= | 760,172 NAD 27 |
| Y= | 514,788 |
| LAT. | 32.412447 |
| LONG. | 103.490271 |
| X= | 801,355 NAD83 |
| Y= | 514,849 |
| LAT. | 32.412570 |
| LONG. | 103.490753 |

| GRAMA RIDGE STATE 8 1H WELL | |
|-----------------------------|----------------|
| X= | 760,447 NAD 27 |
| Y= | 510,091 |
| LAT. | 32.399529 |
| LONG. | 103.489500 |
| X= | 801,630 NAD83 |
| Y= | 510,152 |
| LAT. | 32.399653 |
| LONG. | 103.489982 |
| ELEVATION +3536' NAVD 88 | |

CORNER COORDINATES TABLE (NAD 27)

A - Y=515115.84, X=759778.87
 B - Y=515133.79, X=782410.14
 C - Y=509838.67, X=759808.89
 D - Y=509854.60, X=782443.72

Proposed Penetration Point
330' FSL, 2240' FEL
N 72° 18' 40" W
257.80'

Proposed Producing Interval

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.

Denise L. White 2-13-17
Signature Date

Denise L. White
Printed Name

denise.white@blackmtm.com
E-mail Address

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.

01-25-2017
Date of Survey

Robert L. Estrapes
Signature and Seal of Professional Surveyor

2-10-2017
Certificate Number

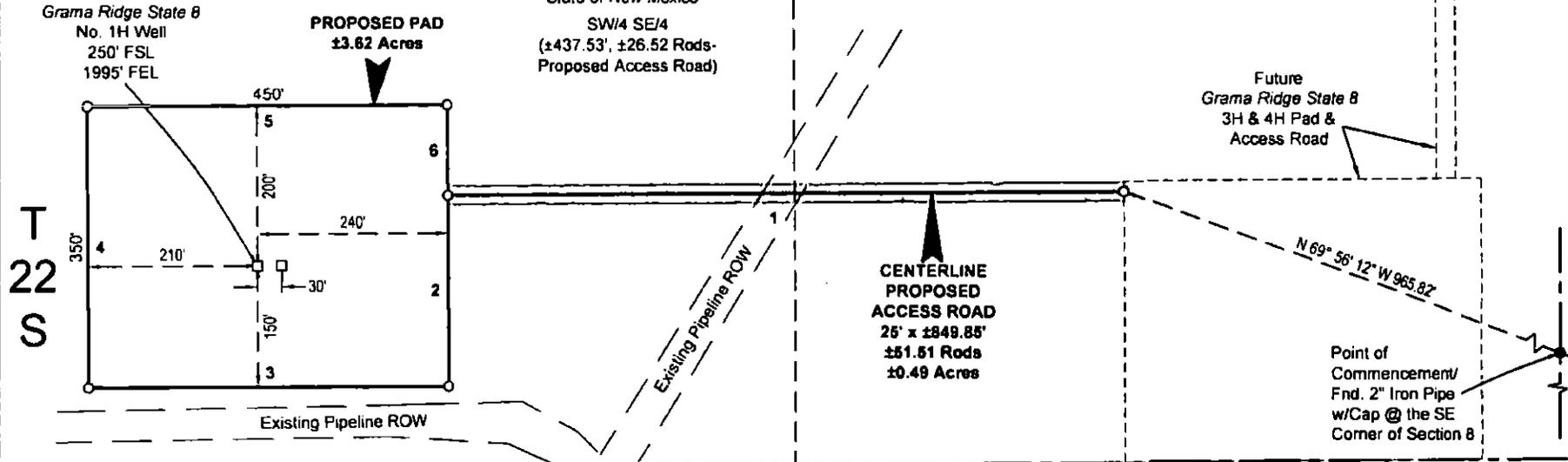
R 34 E

Sec. 8

State of New Mexico
SW¼ SE¼
(±437.53', ±26.52 Rods-
Proposed Access Road)

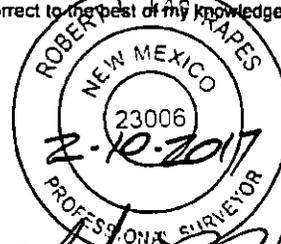
SE¼ SE¼
(±412.32', ±24.99 Rods-
Proposed Access Road)

Future
Grama Ridge State 8
3H & 4H Pad &
Access Road



Sec. 17

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 8 NO. 1H WELL | |
|------------------------------------|----------------|
| X= | 760,447 NAD 27 |
| Y= | 510,091 |
| LAT. | 32.399529 |
| LONG. | 103.489500 |
| X= | 801,630 NAD83 |
| Y= | 510,152 |
| LAT. | 32.399653 |
| LONG. | 103.489982 |
| ELEVATION | +3536' NAVD 88 |

| NW PAD CORNER | NE PAD CORNER |
|--------------------------|--------------------------|
| X= 760,236 NAD 27 | X= 760,686 NAD 27 |
| Y= 510,290 | Y= 510,293 |
| ELEVATION +3537' NAVD 88 | ELEVATION +3537' NAVD 88 |
| SW PAD CORNER | SE PAD CORNER |
| X= 760,238 NAD 27 | X= 760,688 NAD 27 |
| Y= 509,940 | Y= 509,943 |
| ELEVATION +3528' NAVD 88 | ELEVATION +3536' NAVD 88 |

SURFACE USE PLAT

Page 1 of 2

BLACK MOUNTAIN OPERATING, LLC

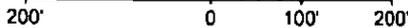
PROPOSED PAD & ACCESS ROAD
GRAMA RIDGE STATE 8 NO. 1H WELL
SECTION 8, T22S-R34E
LEA COUNTY, NEW MEXICO

| 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\2164915\DWG\Grama Ridge State 8 1H_SUP_020317.dwg | | | |

LEGEND

| | |
|--|--------------------|
| | Centerline Access |
| | Proposed Pad |
| | Existing ROW |
| | Future Pad/Access |
| | Section Line |
| | Section Break Line |
| | Fnd. Monument |

Scale: 1" = 200'



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



NOTE:

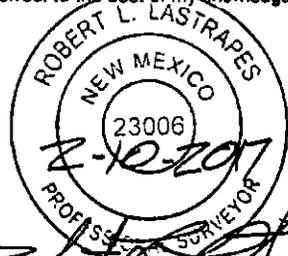
Please be advised, that while reasonable efforts are made to locate and verify pipelines and anomalies using our standard pipeline locating equipment, it is impossible to be 100 % effective. As such, we advise using caution when performing work as there is a possibility that pipelines and other hazards,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


Robert L. Lastrapes
Registration No. 23006

| CENTERLINE PROPOSED ACCESS ROAD | | |
|---------------------------------|-----------------|----------|
| COURSE | BEARING | DISTANCE |
| 1 | S 89° 36' 36" W | 849.85' |

| PROPOSED PAD | | |
|--------------|-----------------|----------|
| COURSE | BEARING | DISTANCE |
| 2 | S 00° 23' 24" E | 237.50' |
| 3 | S 89° 36' 36" W | 450.00' |
| 4 | N 00° 23' 24" W | 350.00' |
| 5 | N 89° 36' 36" E | 450.00' |
| 6 | S 00° 23' 24" E | 112.50' |

SURFACE USE PLAT

Page 2 of 2

BLACK MOUNTAIN OPERATING, LLC
PROPOSED PAD & ACCESS ROAD
GRAMA RIDGE STATE 8 NO. 1H WELL
SECTION 8, T22S-R34E
LEA COUNTY, NEW MEXICO

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\2164915\DWG\Grama Ridge State 8 1H_SUP_020317.dwg



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