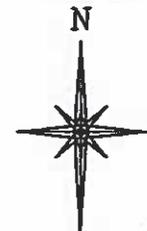


R. 97 W.



GRID NORTH
SCALE 1" = 1000'
500' 0 1000'

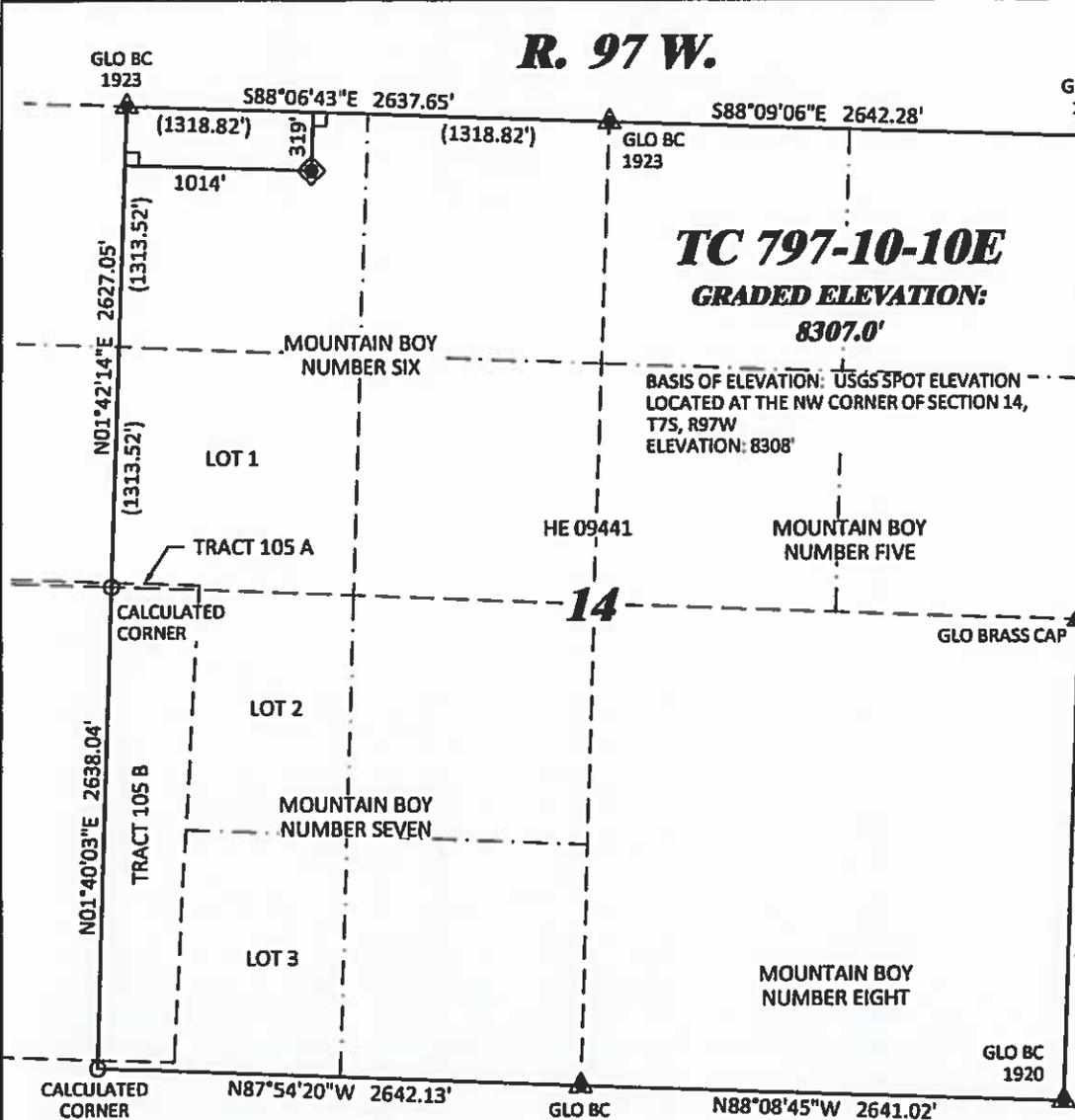
T. 7 S.

SHL
LATITUDE (NAD 83)
NORTH 39.452004 DEG.
LONGITUDE (NAD 83)
WEST 108.193023 DEG.
NORTHING (NAD 83)
1600792.15
EASTING (NAD 83)
2239664.08

BASIS OF BEARING/DATUM

SPCS CO-C NAD 27 BASED ON GPS OBSERVATIONS AND OPUS SOLUTION ON DRG CONTROL POINT "NGS-SHALE" HAVING A POSITION OF:
NAD83(2011)
LAT 39° 26' 18.52" NORTH
LONG 108° 10' 13.61" WEST
NAVD88 ELEVATION: 2728.95

THE NORTH LINE OF THE NW¼ OF SECTION 14, MONUMENTED BY GLO BC'S AND BEARING S 88°06'43" E.



TC 797-10-10E
GRADED ELEVATION:
8307.0'

BASIS OF ELEVATION: USGS SPOT ELEVATION LOCATED AT THE NW CORNER OF SECTION 14, T7S, R97W ELEVATION: 8308'

NOTES

1. GPS OPERATOR T. SHERRILL OBSERVED A PDOP OF 1.3.
2. ALL GPS OBSERVATIONS ARE IN COMPLIANCE WITH COGCC RULE No.215.
3. EXISTING IMPROVEMENTS WITHIN 500' OF LOCATION. SEE EXHIBIT 2D.
4. SURROUNDING SURFACE USE IS NATIVE BRUSH, NON CROP RANGELAND.

LEGEND

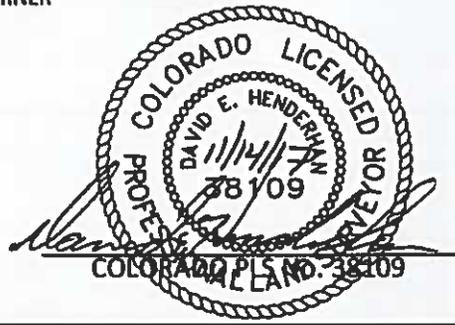
- ◆ WELL LOCATION
- APPROX. BHL/TOG
- └ DENOTES 90° TIE
- ▲ PREVIOUSLY FOUND MONUMENT
- CALCULATED CORNER

SURVEYOR'S STATEMENT

I, DAVID E. HENDERHAN, AN EMPLOYEE AND AGENT ON BEHALF OF D.R. GRIFFIN & ASSOCIATES, INC. STATE THE PLAT HEREON IS A CORRECT REPRESENTATION OF A SURVEY MADE UNDER MY SUPERVISION ON THE 13TH DAY OF NOVEMBER, 2017 OF THE SHOWN TC 797-10-10E AND THAT THE LOCATION HAS BEEN STAKED ON THE GROUND.

Notice: In accordance with Colorado State Law, any legal action based upon any defect in this survey plat must commence within three (3) years after first discovery of such defect. In no event, may any action based upon any defect in this survey plat be commenced more than ten (10) years from the date of certification shown hereon.

SHELL 797-14-01D PAD



DRG GRIFFIN & ASSOCIATES, INC.
1414 ELK ST., ROCK SPRINGS, WY 82901
(307) 362-5026

DRAWN: 11/14/2017 - DEH	SCALE: 1" = 1000'
REVISED: N/A	DRG JOB No. 20991
	EXHIBIT 1-7

**PLAT OF DRILLING LOCATION IN
NWNW, SECTION 14, FOR
LARAMIE ENERGY, LLC**
**319' F/NL, & 1014' F/WL, SECTION 14,
T. 7 S., R. 97 W., 6TH P.M.,
GARFIELD COUNTY, COLORADO**

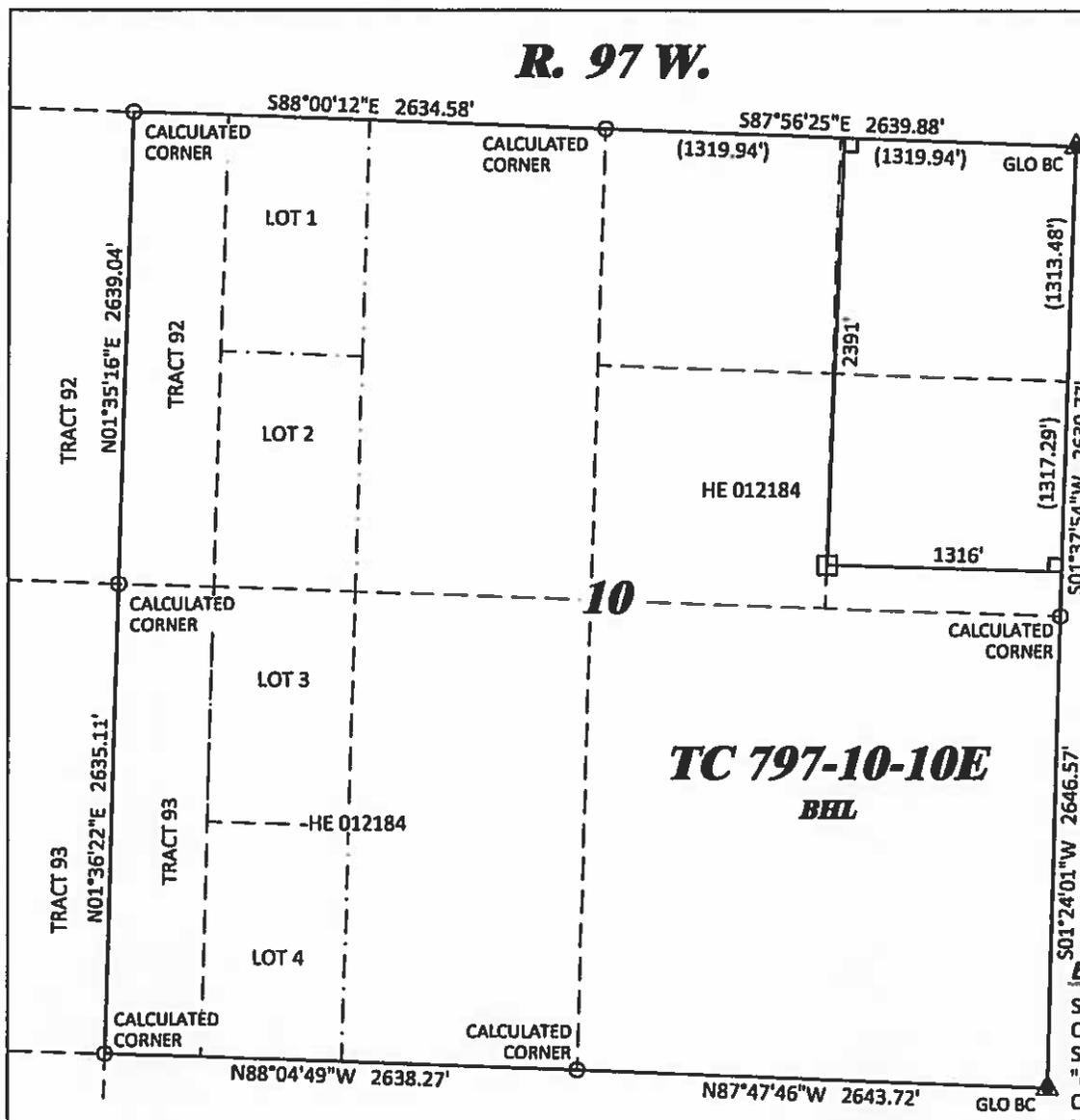
R. 97 W.



GRID NORTH
SCALE 1" = 1000'
500' 0 1000'

T. 7 S.

BHL
LATITUDE (NAD 83)
NORTH 39.460837 DEG.
LONGITUDE (NAD 83)
WEST 108.201325 DEG.
NORTHING (NAD 83)
1604078
EASTING (NAD 83)
2237416



TC 797-10-10E
BHL

BASIS OF BEARING/DATUM

SPCS CO-C NAD 27 BASED ON GPS OBSERVATIONS AND OPUS SOLUTION ON DRG CONTROL POINT "NGS-SHALE" HAVING A POSITION OF:
NAD83(2011)
LAT 39° 26' 18.52" NORTH
LONG 108° 10' 13.61" WEST
NAVD88 ELEVATION: 2728.95

THE NORTH LINE OF THE NW¼ OF SECTION 14, MONUMENTED BY GLO BC'S AND BEARING S 88°06'43" E.

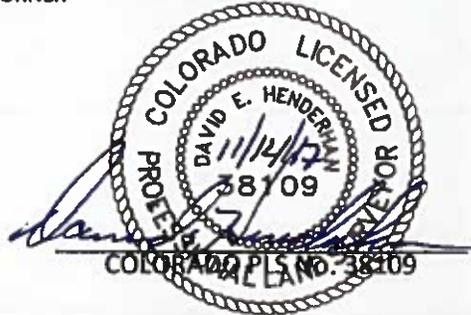
LEGEND

- ◆ WELL LOCATION
- APPROX. BHL/TOG
- L DENOTES 90° TIE
- ▲ PREVIOUSLY FOUND MONUMENT
- CALCULATED CORNER

SURVEYOR'S STATEMENT

I, DAVID E. HENDERHAN, AN EMPLOYEE AND AGENT ON BEHALF OF D.R. GRIFFIN & ASSOCIATES, INC. STATE THE PLAT HEREON IS A CORRECT REPRESENTATION OF A SURVEY MADE UNDER MY SUPERVISION ON THE 13TH DAY OF NOVEMBER, 2017 OF THE SHOWN TC 797-10-10E BOTTOM HOLE LOCATION.

Notice: In accordance with Colorado State Law, any legal action based upon any defect in this survey plat must commence within three (3) years after first discovery of such defect. In no event, may any action based upon any defect in this survey plat be commenced more than ten (10) years from the date of certification shown hereon.



SHELL 797-14-01D PAD

DRG GRIFFIN & ASSOCIATES, INC.
1414 ELK ST., ROCK SPRINGS, WY 82901
(307) 362-6028

PLAT OF BOTTOM HOLE LOCATION IN SENE, SECTION 10, FOR LARAMIE ENERGY, LLC

DRAWN: 11/14/2017 - DEH	SCALE: 1" = 1000'
REVISED: N/A	DRG JOB No. 20991
REVISED BHL	EXHIBIT 1-8

2391' F/NL, & 1316' F/EL, SECTION 10, T. 7 S., R. 97 W., 6TH P.M., GARFIELD COUNTY, COLORADO