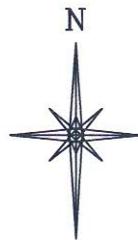


# R. 101 W.



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

## T. 12 N.

SHL  
**LATITUDE (NAD 83)**  
 NORTH 40.951756 DEG.  
**LONGITUDE (NAD 83)**  
 WEST 108.704329 DEG.  
**NORTHING (NAD 27)**  
 605567.39  
**EASTING (NAD 27)**  
 1115178.38

**BASIS OF BEARING/DATUM**  
 SPCS COLORADO NORTH NAD 27

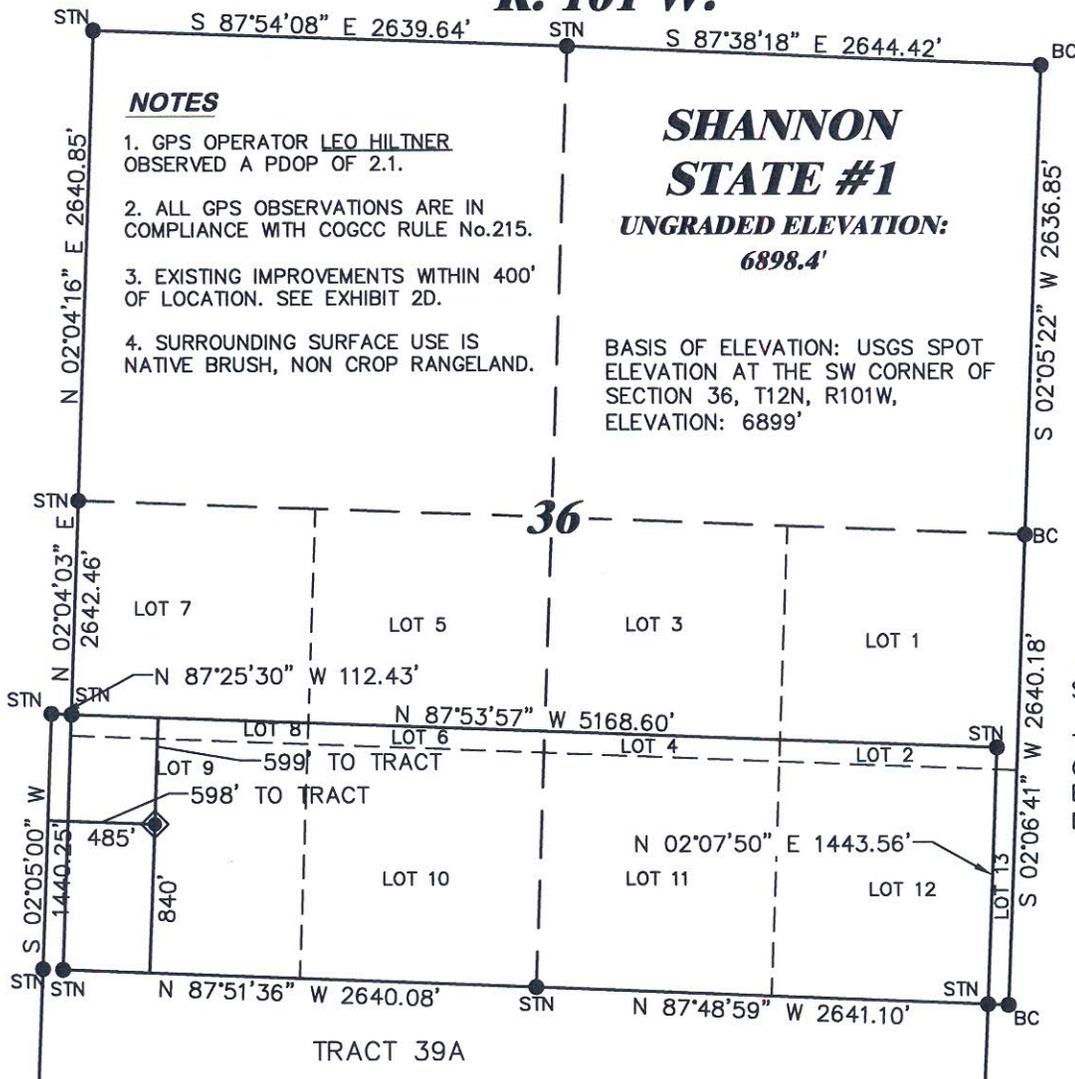
THE SOUTH LINE OF THE SW¼  
 OF SECTION 36, MONUMENTED  
 BY STONES AND BEARING  
 N 87°51'36" W.

### NOTES

1. GPS OPERATOR LEO HILTNER OBSERVED A PDOP OF 2.1.
2. ALL GPS OBSERVATIONS ARE IN COMPLIANCE WITH COGCC RULE No.215.
3. EXISTING IMPROVEMENTS WITHIN 400' OF LOCATION. SEE EXHIBIT 2D.
4. SURROUNDING SURFACE USE IS NATIVE BRUSH, NON CROP RANGELAND.

**SHANNON  
 STATE #1**  
**UNGRADED ELEVATION:  
 6898.4'**

BASIS OF ELEVATION: USGS SPOT  
 ELEVATION AT THE SW CORNER OF  
 SECTION 36, T12N, R101W,  
 ELEVATION: 6899'



### LEGEND

- ◆ WELL LOCATION
- APPROX. BHL
- L DENOTES 90° TIE
- FOUND MONUMENT
- CALCULATED MONUMENT

### SURVEYOR'S STATEMENT

I, BRIAN L. FORBES, 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 19th DAY OF MARCH, 2014 OF THE SHOWN SHANNON STATE #1 P&A MARKER

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.

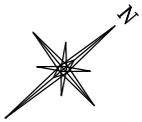
**COLORADO REGISTERED**  
**BRIAN L. FORBES**  
 25367  
**PROFESSIONAL LAND SURVEYOR**  
 3/31/14  
**COLORADO PLS No. 25367**

**DRG** GRIFFIN & ASSOCIATES, INC.  
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

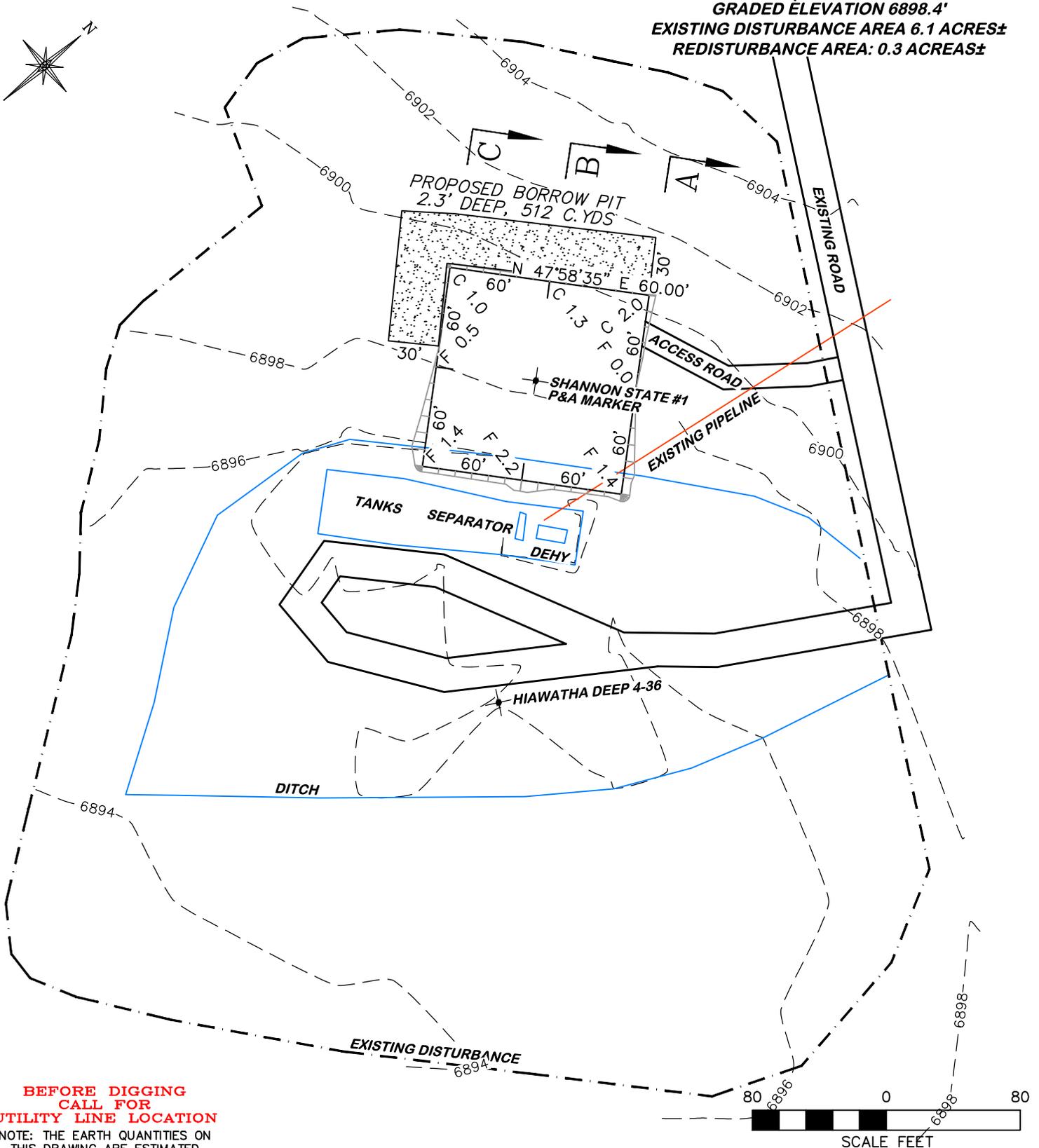
**PLAT OF DRILLING LOCATION  
 FOR  
 GRYNBERG PETROLEUM CO.**

|                             |                          |
|-----------------------------|--------------------------|
| <b>DRAWN: 3/31/14 - TMH</b> | <b>SCALE: 1" = 1000'</b> |
| <b>REVISED: NA</b>          | <b>DRG JOB No. 20478</b> |
|                             | <b>EXHIBIT 1</b>         |

**840' F/SL & 485' F/WL, LOT 9, SECTION 36,  
 599' F/NL & 598' F/WL, TRACT 39A  
 T. 12 N., R. 101 W., 6th P.M.  
 MOFFAT COUNTY, COLORADO**



**GRADED ELEVATION 6898.4'**  
**EXISTING DISTURBANCE AREA 6.1 ACRES±**  
**REDISTURBANCE AREA: 0.3 ACRES±**



**BEFORE DIGGING  
 CALL FOR  
 UTILITY LINE LOCATION**

NOTE: THE EARTH QUANTITIES ON THIS DRAWING ARE ESTIMATED AND THE USE OF THIS IS AT THE RESPONSIBILITY OF THE USER.

**CONSTRUCTION LAYOUT DRAWING 1 OF 3**

**GRYNBERG PETROLEUM CO.  
 SHANNON STATE #1  
 SECTION 36, T12N, R101W, 6th P.M.  
 MOFFAT COUNTY, COLORADO**

**ESTIMATED EARTHWORK**

| ITEM          | CUT           | FILL          | TOPSOIL       | EXCESS         |
|---------------|---------------|---------------|---------------|----------------|
| PAD           | 170 CY        | 387 CY        | 295 CY        | -512 CY        |
| PIT           | 0 CY          |               |               | 0 CY           |
| <b>TOTALS</b> | <b>170 CY</b> | <b>387 CY</b> | <b>295 CY</b> | <b>-512 CY</b> |

**DRG RIFFIN & ASSOCIATES, INC.**  
 1414 ELK ST., ROCK SPRINGS, WY 82901

(307) 362-5028

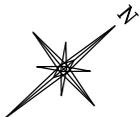
**DRAWN: 3/31/14 - TMH**

**SCALE: 1" = 80'**

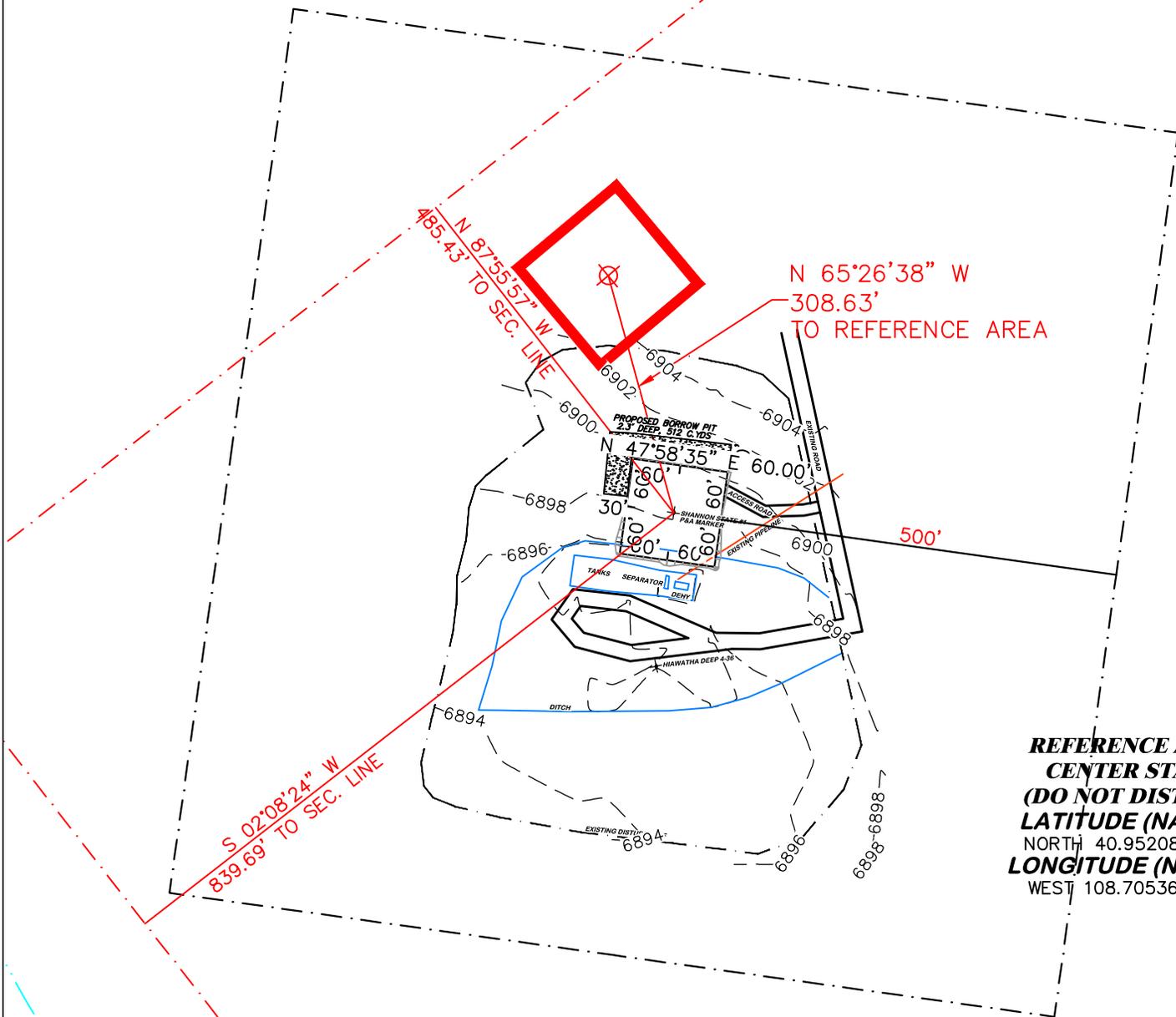
**REVISED: NA**

**DRG JOB No. 20478**

**EXHIBIT 2**



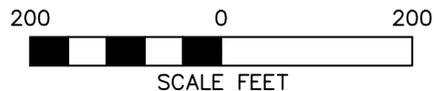
**GRADED ELEVATION 6898.4'**  
**EXISTING DISTURBANCE AREA 6.1 ACRES±**  
**REDISTURBANCE AREA: 0.3 ACRES±**



**REFERENCE AREA  
 CENTER STAKE  
 (DO NOT DISTURB)  
 LATITUDE (NAD 83)  
 NORTH 40.952080 DEG.  
 LONGITUDE (NAD 83)  
 WEST 108.705361 DEG.**

**BEFORE DIGGING  
 CALL FOR  
 UTILITY LINE LOCATION**

NOTE: THE EARTH QUANTITIES ON  
 THIS DRAWING ARE ESTIMATED  
 AND THE USE OF THIS IS AT THE  
 RESPONSIBILITY OF THE USER.

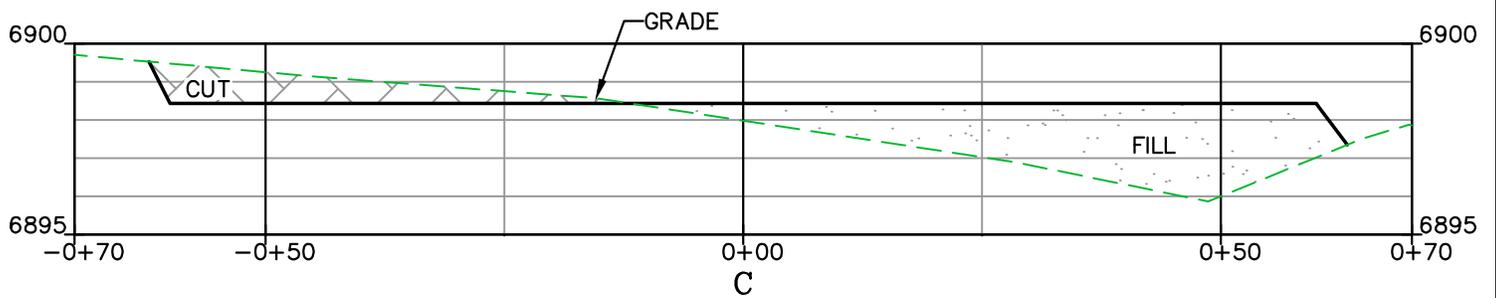
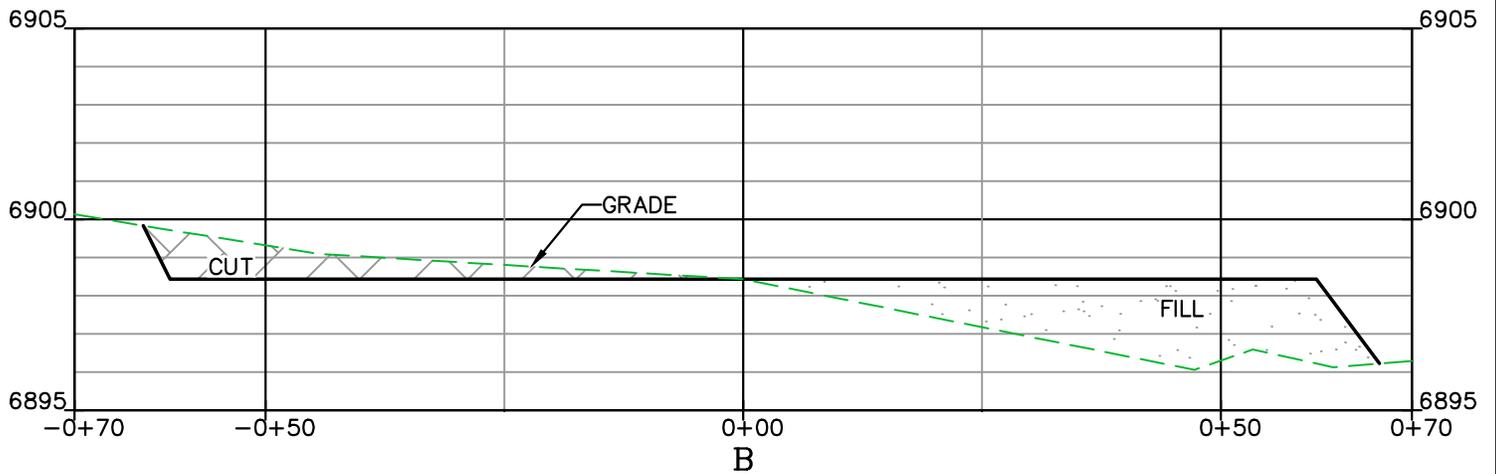
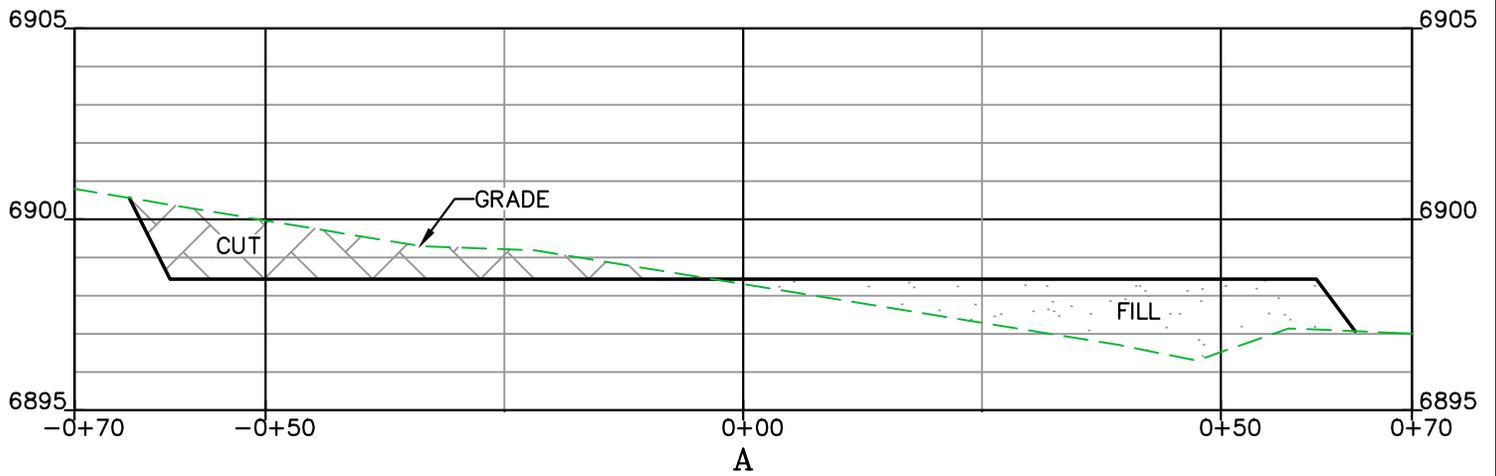


**DRG** RIFFIN & ASSOCIATES, INC.  
 1414 ELK ST., ROCK SPRINGS, WY 82901  
 (307) 362-5028

|                             |                          |
|-----------------------------|--------------------------|
| <b>DRAWN: 3/31/14 - TMH</b> | <b>SCALE: 1" = 200'</b>  |
| <b>REVISED: NA</b>          | <b>DRG JOB No. 20478</b> |
| <b>EXHIBIT 2A</b>           |                          |

**LOCATION DRAWING**

**LOCATION DRAWING  
 GRYNBERG PETROLEUM CO.  
 SHANNON STATE #1  
 SECTION 36, T12N, R101W, 6th P.M.  
 MOFFAT COUNTY, COLORADO**



**CONSTRUCTION LAYOUT DRAWING 2 OF 2**

**DRG** RIFFIN & ASSOCIATES, INC.  
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

**DRAWN: 3/31/14 - TMH**

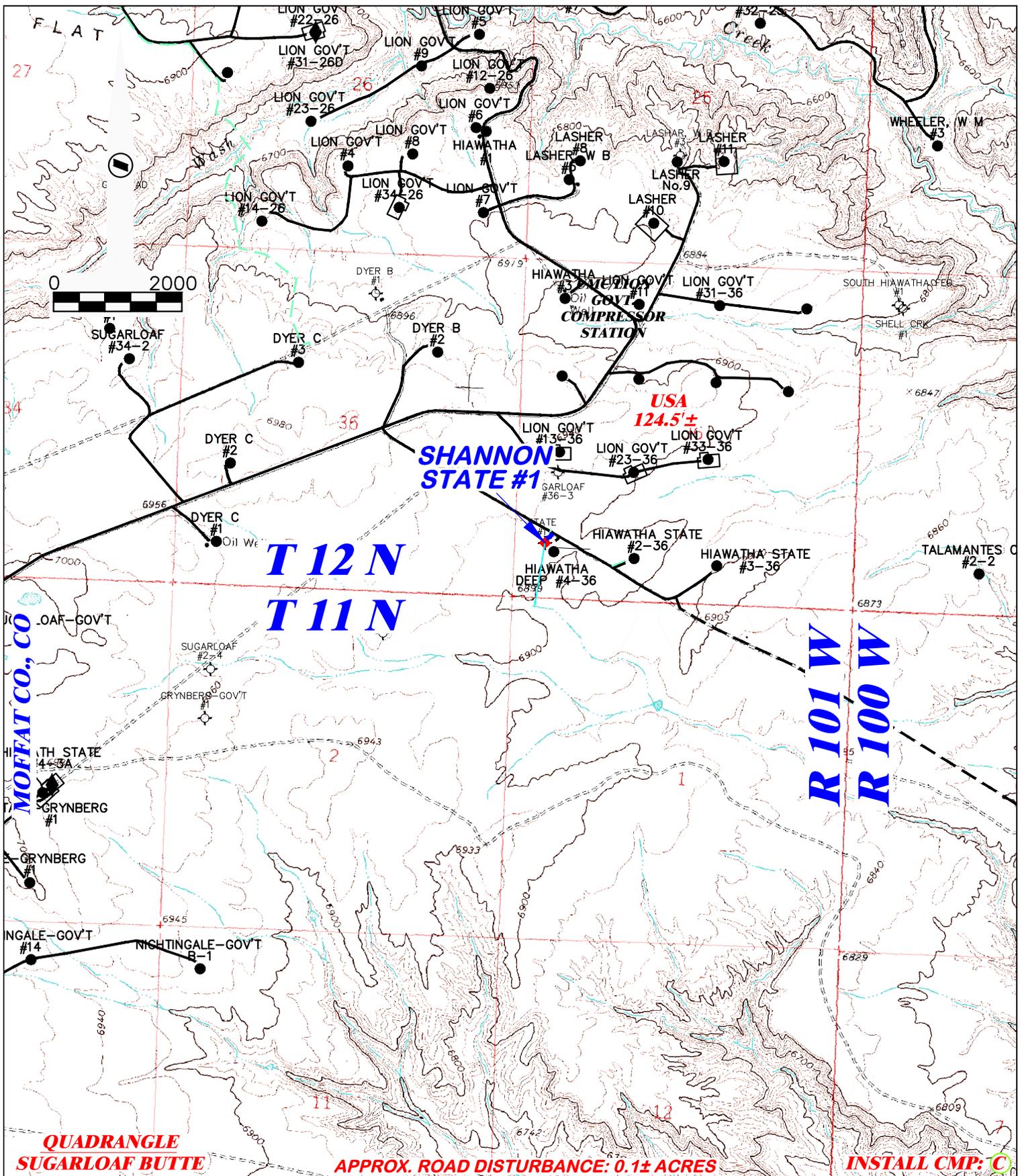
**HORZ. 1" = 20' VERT. 1" = 5'**

**REVISED: NA**

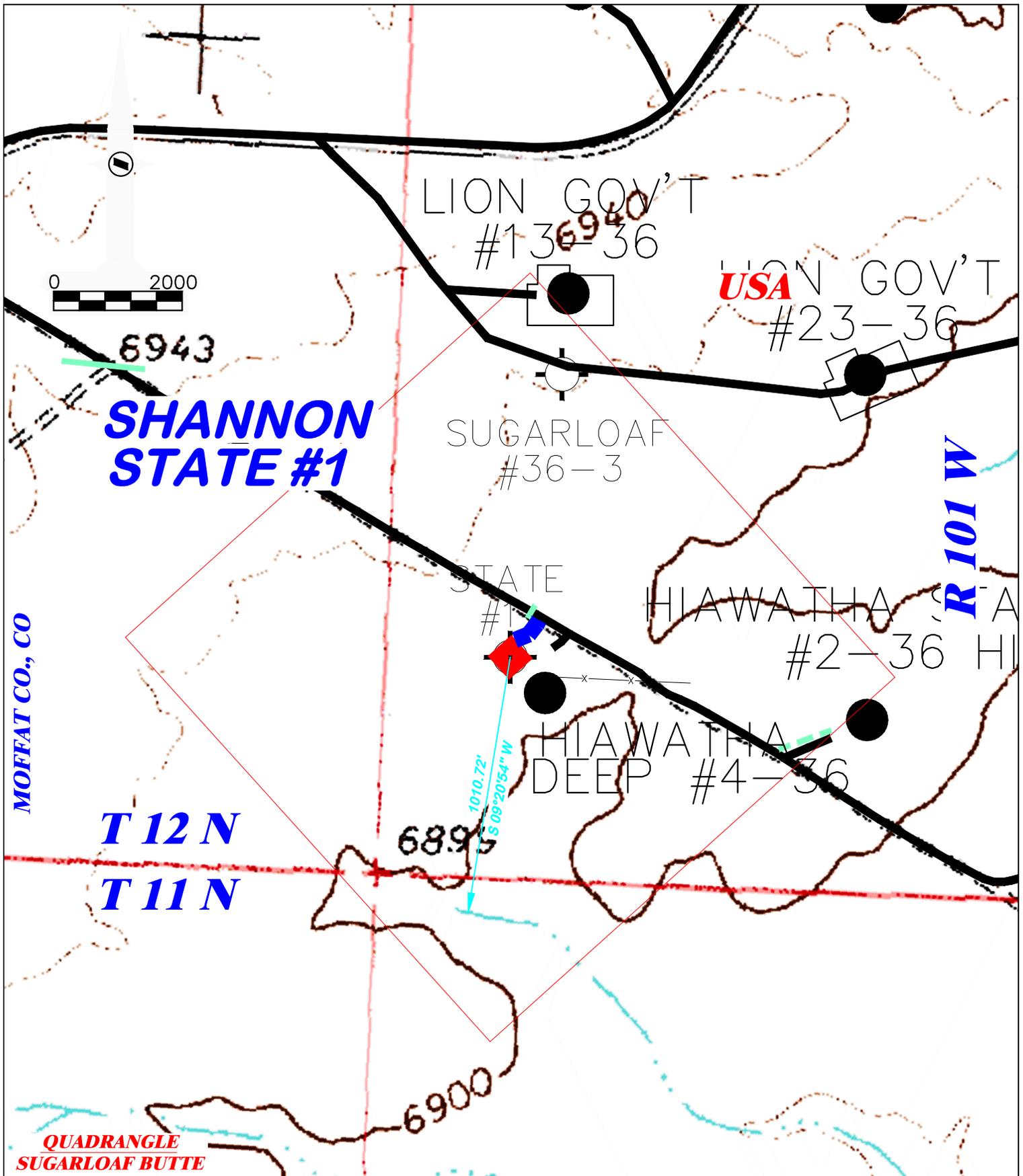
**DRG JOB No. 20478**

**EXHIBIT 3**

**GRYNBERG PETROLEUM CO.  
 SHANNON STATE #1  
 SECTION 36, T12N, R101W, 6th P.M.  
 MOFFAT COUNTY, COLORADO**

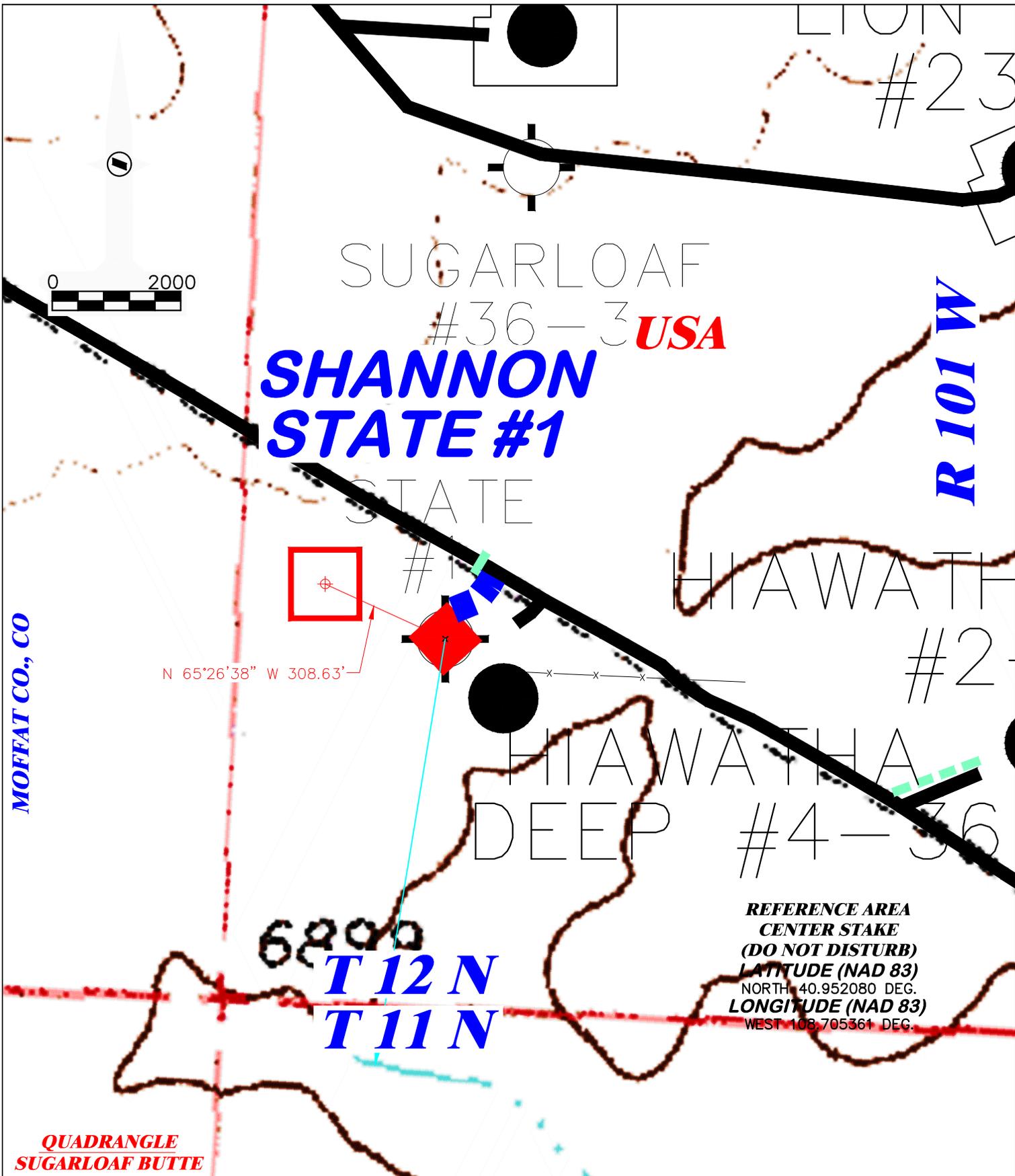


|   |                   |  |  |
|---|-------------------|--|--|
|  <b>DRG RIFFIN &amp; ASSOCIATES, INC.</b><br>(307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901 |                   | <b>PROPOSED ACCESS MAP</b>   |  |
|   |                   | <b>GRYNBERG PETROLEUM CO.</b><br><b>SHANNON STATE #1</b><br><b>SECTION 36, T12N, R101W, 6th P.M. MOFFAT COUNTY, COLORADO</b> |  |
| DRAWN: 3/31/14 - TMH  | SCALE: 1" = 2000' | TOTAL PROPOSED LENGTH: 124.5'±   |  |
| REVISED: NA   | DRG JOB No. 20478 | <b>PROPOSED ROAD</b> — — — — — <b>EXISTING ROAD</b> —————  |  |
| EXHIBIT 4   |                   |  |  |



**QUADRANGLE  
SUGARLOAF BUTTE**

|  |                          |  |  |
|--|--------------------------|--|--|
|  <b>DRG RIFFIN &amp; ASSOCIATES, INC.</b><br><small>(307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901</small> |                          | <b>HYDROLOGY MAP</b>   |  |
|  |                          | <b>GRYNBERG PETROLEUM CO.</b><br><b>SHANNON STATE #1</b><br><b>SECTION 36, T12N, R101W, 6th P.M. MOFFAT COUNTY, COLORADO</b> |  |
| <b>DRAWN:</b> 3/31/14 - TMH  | <b>SCALE:</b> 1" = 500'  | <b>TOTAL PROPOSED LENGTH:</b> 124.5'±  |  |
| <b>REVISED:</b> NA   | <b>DRG JOB No.</b> 20478 | <b>PROPOSED ROAD</b> — — — — — <b>EXISTING ROAD</b> —————  |  |
| <b>EXHIBIT 4A</b>  |                          |  |  |



MOFFAT CO., CO

6800  
**T 12 N**  
**T 11 N**

**REFERENCE AREA  
 CENTER STAKE  
 (DO NOT DISTURB)  
 LATITUDE (NAD 83)  
 NORTH 40.952080 DEG.  
 LONGITUDE (NAD 83)  
 WEST 108.705361 DEG.**

**QUADRANGLE  
 SUGARLOAF BUTTE**

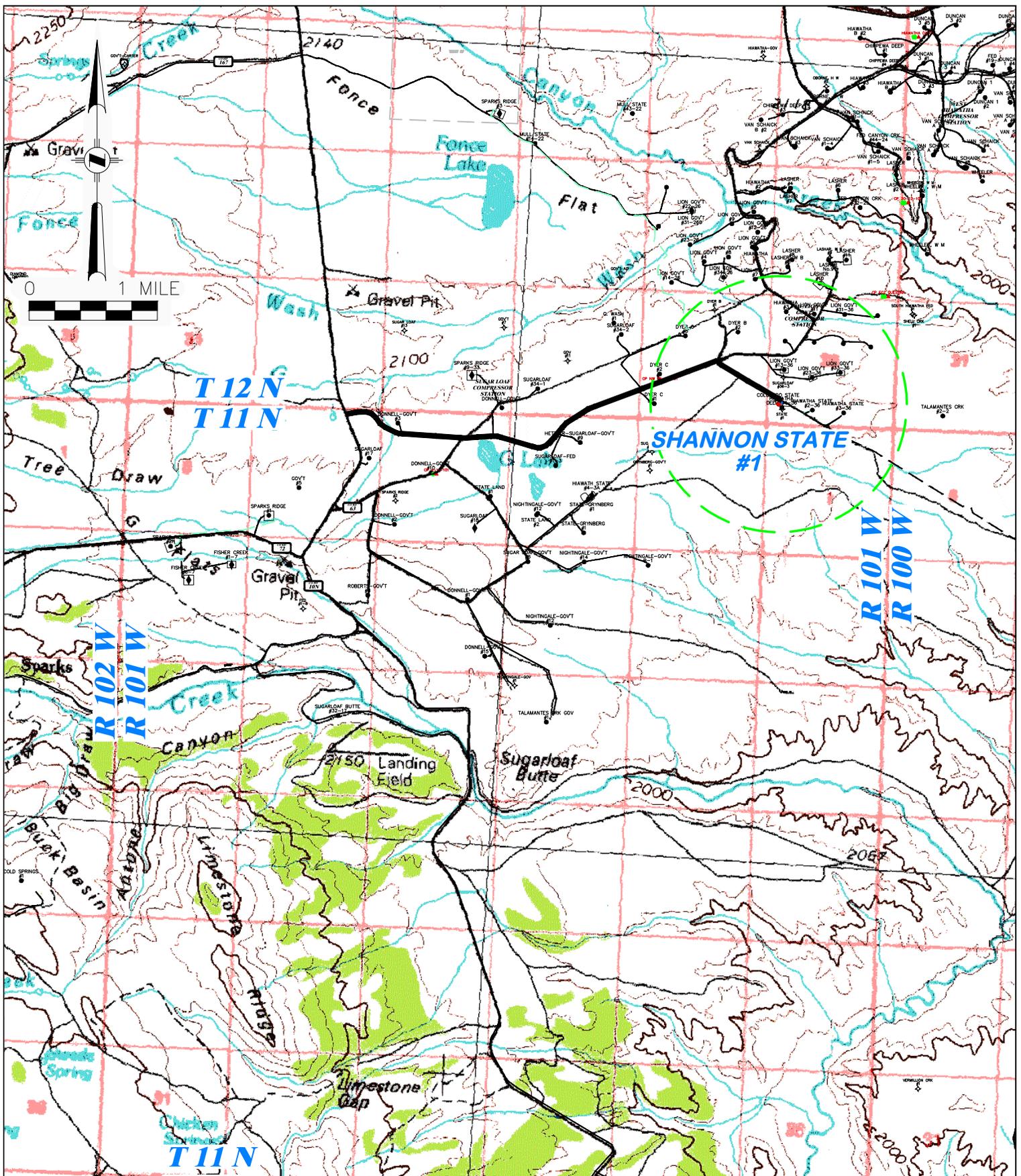
**DRG** RIFFIN & ASSOCIATES, INC.  
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

|                      |                   |
|----------------------|-------------------|
| DRAWN: 3/31/14 - TMH | SCALE: 1" = 300'  |
| REVISED: NA          | DRG JOB No. 20478 |
| EXHIBIT 4A           |                   |

**REFERENCE AREA MAP**  
**GRYNBERG PETROLEUM CO.**  
**SHANNON STATE #1**  
**SECTION 36, T12N, R101W, 6th P.M. MOFFAT**  
**COUNTY, COLORADO**

TOTAL PROPOSED LENGTH: 124.5'±

PROPOSED ROAD — — — — — EXISTING ROAD —————



**ACCESS ROAD MAP**

**DRG** RIFFIN & ASSOCIATES, INC.  
 1414 ELK ST., ROCK SPRINGS, WY 82901

**GRYNBERG PETROLEUM CO.  
 SHANNON STATE #1  
 SECTION 36, T12N, R101W, 6th P.M.  
 MOFFAT COUNTY, COLORADO**

DRAWN: 3/31/14 - TMH

SCALE: 1" = MILE

REVISED: NA

DRG JOB No. 20478

EXHIBIT 5

PROPOSED ROAD — — — —

EXISTING ROAD —————

**LOCATION PHOTOS**



**WELL LOCATION LOOKING NORTH**  
3/19/14



**WELL LOCATION LOOKING SOUTH**  
3/19/14



**WELL LOCATION LOOKING EAST**  
3/19/14



**WELL LOCATION LOOKING WEST**  
3/19/14



**ACCESS ROAD AT TAKE OFF**  
3/19/14



**ACCESS ROAD AT TAKE OFF**  
3/19/14

**DRG** RIFFIN & ASSOCIATES, INC.  
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 3/31/14 - TMH

SCALE: NO SCALE

REVISED: NA

DRG JOB No. 20478

EXHIBIT 6

**LOCATION PHOTOS**

**GRYNBERG PETROLEUM CO.**  
**SHANNON STATE #1**  
**SECTION 36, T12N, R101W, 6th P.M. MOFFAT**  
**COUNTY, COLORADO**

**REFERENCE AREA PHOTOS**



**REFERENCE AREA LOOKING NORTH**  
3/19/14



**REFERENCE AREA LOOKING SOUTH**  
3/19/14



**REFERENCE AREA LOOKING EAST**  
3/19/14



**REFERENCE AREA LOOKING WEST**  
3/19/14

**REFERENCE AREA  
CENTER STAKE  
(DO NOT DISTURB)  
LATITUDE (NAD 83)  
NORTH 40.952080 DEG.  
LONGITUDE (NAD 83)  
WEST 108.705361 DEG.**

**DRG** RIFFIN & ASSOCIATES, INC.  
(307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 3/31/14 - TMH

SCALE: NO SCALE

REVISED: NA

DRG JOB No. 20478

EXHIBIT 6A

**REFERENCE AREA PHOTOS**

**GRYNBERG PETROLEUM CO.  
SHANNON STATE #1  
SECTION 36, T12N, R101W, 6th P.M. MOFFAT  
COUNTY, COLORADO**

**GRYNBERG PETROLEUM COMPANY**  
**SHANNON STATE #1**  
**SEC. 36, T12N, R101W.**  
**MOFFAT COUNTY, COLORADO**

Begin at Rock Springs, Wyoming and travel southerly on Highway 430 for 57.2 miles. Turn left on to Colorado County Road 63 and drive easterly for 3.2 miles. Turn right onto dirt road and drive southeasterly for 0.6 miles. Turn right on to the proposed access road and travel westerly for less than 0.1 miles to reach the proposed well site.