

R. 97 W.

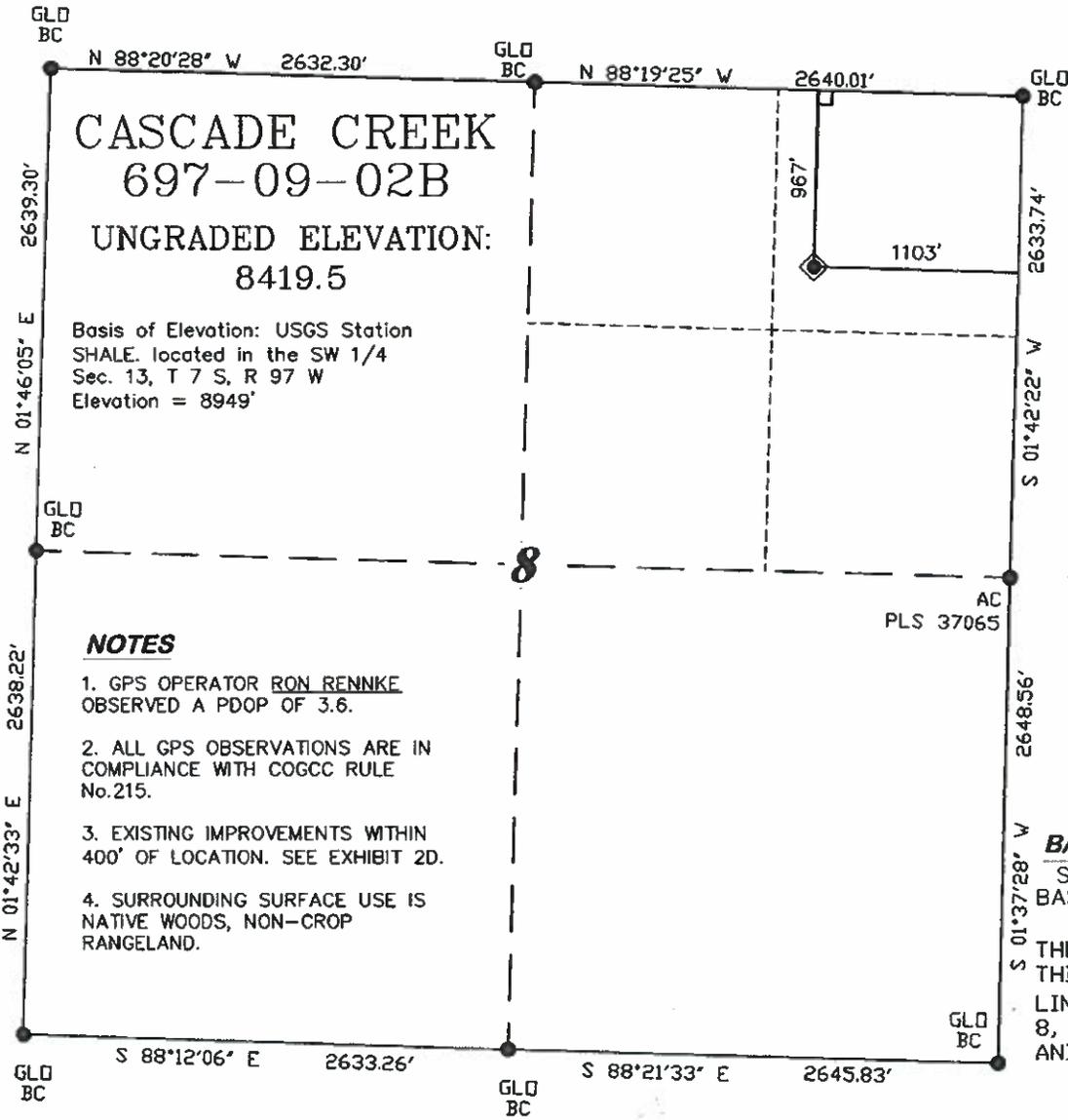


SCALE 1" = 1000'

T. 6 S.

**SHL LATITUDE (NAD 83)**  
NORTH 39.542046 DEG.  
**SHL LONGITUDE (NAD 83)**  
WEST 108.238072 DEG.  
**SHL NORTHING (NAD 83)**  
1633954.42  
**SHL EASTING (NAD 83)**  
2227937.11

**BASIS OF BEARING/DATUM**  
SPCS CO CENTRAL NAD 27  
BASED ON NGS TRIANGULATION  
STATION "SHALE"  
THE BASIS OF BEARINGS FOR  
THIS SURVEY IS THE NORTH  
LINE OF THE NE 1/4 OF SECTION  
8, MONUMENTED BY GLD BC'S  
AND BEARING N 88° 19' 25" W.



CASCADE CREEK  
697-09-02B  
UNGRADED ELEVATION:  
8419.5

Basis of Elevation: USGS Station  
SHALE, located in the SW 1/4  
Sec. 13, T 7 S, R 97 W  
Elevation = 8949'

- NOTES**
1. GPS OPERATOR RON RENNKE OBSERVED A PDOP OF 3.6.
  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 WOODS, NON-CROP RANGELAND.



**SURVEYOR'S STATEMENT**

I, Ronald C. Rennke, an employee and agent for D. R. Griffin & Associates, Inc. state the plat hereon is a correct representation of a survey made under my authority and staked upon the ground as shown on August 3, 2010 for the CASCADE CREEK 697-09-02B.

**LEGEND**

- ◆ WELL LOCATION
- FOUND MONUMENT
- L DENOTES 90° TIE

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.  
**CC 608-41 PAD**



COLORADO PLS No. 37065

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

DRAWN: 8/4/10 - DEH	SCALE: 1" = 1000'
REVISED: N/A	DRG JOB No. 16569
EXHIBIT 1	

**PLAT OF DRILLING LOCATION  
FOR OXY USA WTP LP  
SHL IN THE NENE SECTION 8  
967' F/NL & 1103' F/EL, SECTION 8,  
T. 6 S., R. 97 W., 6th P.M.  
GARFIELD COUNTY, COLORADO**

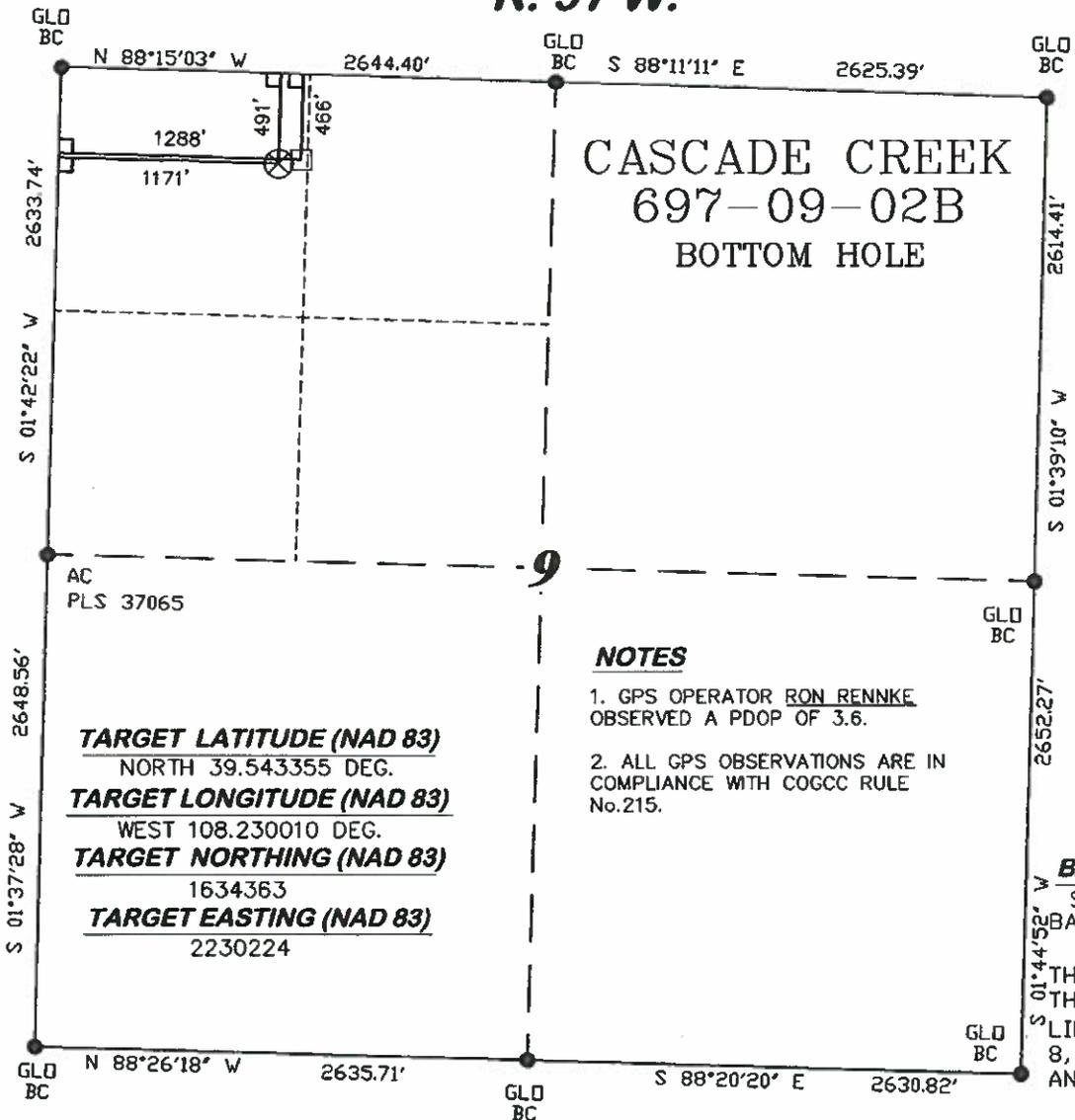
R. 97 W.



SCALE 1" = 1000'

T. 6 S.

CASCADE CREEK  
697-09-02B  
BOTTOM HOLE



**BHL LATITUDE (NAD 83)**  
NORTH 39.543423 DEG.  
**BHL LONGITUDE (NAD 83)**  
WEST 108.229595 DEG.  
**BHL NORTHING (NAD 83)**  
1634384  
**BHL EASTING (NAD 83)**  
2230342

**TARGET LATITUDE (NAD 83)**  
NORTH 39.543355 DEG.  
**TARGET LONGITUDE (NAD 83)**  
WEST 108.230010 DEG.  
**TARGET NORTHING (NAD 83)**  
1634363  
**TARGET EASTING (NAD 83)**  
2230224

**NOTES**

- 1. GPS OPERATOR RON RENNKE OBSERVED A PDOP OF 3.6.
- 2. ALL GPS OBSERVATIONS ARE IN COMPLIANCE WITH COGCC RULE No.215.

**BASIS OF BEARING/DATUM**  
SPCS CO CENTRAL NAD 27  
BASED ON NGS TRIANGULATION STATION "SHALE"  
THE BASIS OF BEARINGS FOR THIS SURVEY IS THE NORTH LINE OF THE NE 1/4 OF SECTION 8, MONUMENTED BY GLO BC'S AND BEARING N 88° 19' 25" W.



**SURVEYOR'S STATEMENT**

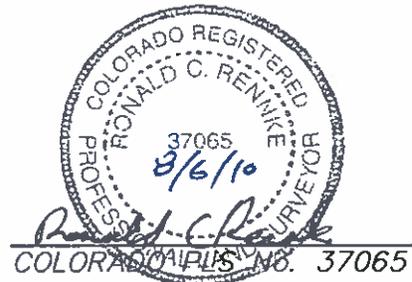
I, Ronald C. Rennke, an employee and agent for D. R. Griffin & Associates, Inc. state the plat hereon is a correct representation of a survey made under my authority on August 3, 2010 for the CASCADE CREEK 697-09-02B BOTTOM HOLE LOCATION.

**LEGEND**

- ⊗ APPROXIMATE TARGET LOCATION
- APPROXIMATE BOTTOM LOCATION
- FOUND MONUMENT
- L DENOTES 90° TIE

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.

CC 608-41 PAD



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

**PLAT OF BOTTOM HOLE LOCATION  
FOR OXY USA WTP LP  
BHL IN THE NWNW SECTION 9  
466' F/NL & 1288' F/WL, SECTION 9,  
T. 6 S., R. 97 W., 6th P.M.  
GARFIELD COUNTY, COLORADO**

<b>DRAWN:</b> 8/4/10 - DEH	<b>SCALE:</b> 1" = 1000'
<b>REVISED:</b> N/A	<b>DRG JOB No.</b> 16669
<b>EXHIBIT 1</b>	