

SCALE 1" = 1000'

**T. 6 S.**

**SHL**

**LATITUDE (NAD 83)**  
NORTH 39.554489 DEG.  
**LONGITUDE (NAD 83)**  
WEST 108.242365 DEG.  
**NORTHING (NAD 27)**  
638511.15  
**EASTING (NAD 27)**  
1227024.62

**BASIS OF BEARING/DATUM**  
SPCS CO CENTRAL NAD 27  
BASED ON NGS TRIANGULATION  
STATION "SHALE"

THE BASIS OF BEARINGS FOR  
THIS SURVEY IS THE SOUTH  
LINE OF THE SE 1/4 OF  
SECTION 5, MONUMENTED BY  
GLO BC'S AND BEARING  
N 88° 18' 56" W.

**LEGEND**

- ◆ WELL LOCATION
- APPROX. BHL
- ⊗ APPROX. TARGET LOCATION
- └ DENOTES 90° TIE
- FOUND MONUMENT

**CASCADE CREEK**  
**697-05-55B**

**UNGRADED ELEVATION:**  
**8424.3'**  
Basis of Elevation: USGS Station  
SHALE. located in the SW 1/4  
Sec. 13, T 7 S, R 97 W  
Elevation = 8949'

**BHL**  
**LATITUDE (NAD 83)**  
NORTH 39.550502 DEG.  
**LONGITUDE (NAD 83)**  
WEST 108.237498 DEG.  
**NORTHING (NAD 27)**  
637018  
**EASTING (NAD 27)**  
1228353

**TARGET**  
**LATITUDE (NAD 83)**  
NORTH 39.550612 DEG.  
**LONGITUDE (NAD 83)**  
WEST 108.237632 DEG.  
**NORTHING (NAD 27)**  
637059  
**EASTING (NAD 27)**  
1228316

**NOTES**

1. GPS OPERATOR RICHARD SEAL OBSERVED A PDOF OF 2.6.
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 BRUSH, NON CROP RANGELAND.

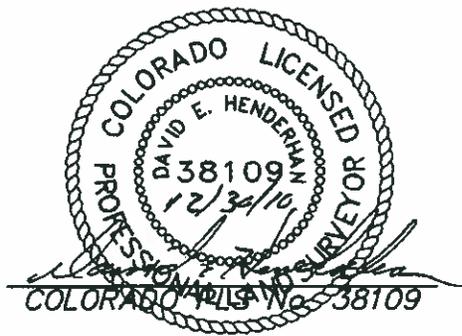


**SURVEYOR'S STATEMENT**

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 DECEMBER 16, 2010 OF THE SHOWN CASCADE CREEK 697-05-55B AND THAT THE LOCATION HAS BEEN STAKED ON THE GROUND AS SHOWN ON THE PLAT.

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 697-05C PAD**



DRAWN: 12/30/10 - DEH	SCALE: 1" = 1000'
REVISED: N/A	DRG JOB No. 18285
EXHIBIT 1	

**PLAT OF DRILLING LOCATION IN**  
**LOT 14, SECTION 5, FOR**  
**OXY USA WTP LP**  
**3025' F/NL & 2312' F/EL, SECTION 5,**  
**T. 6 S., R. 97 W., 6th P.M.,**  
**GARFIELD COUNTY, COLORADO**