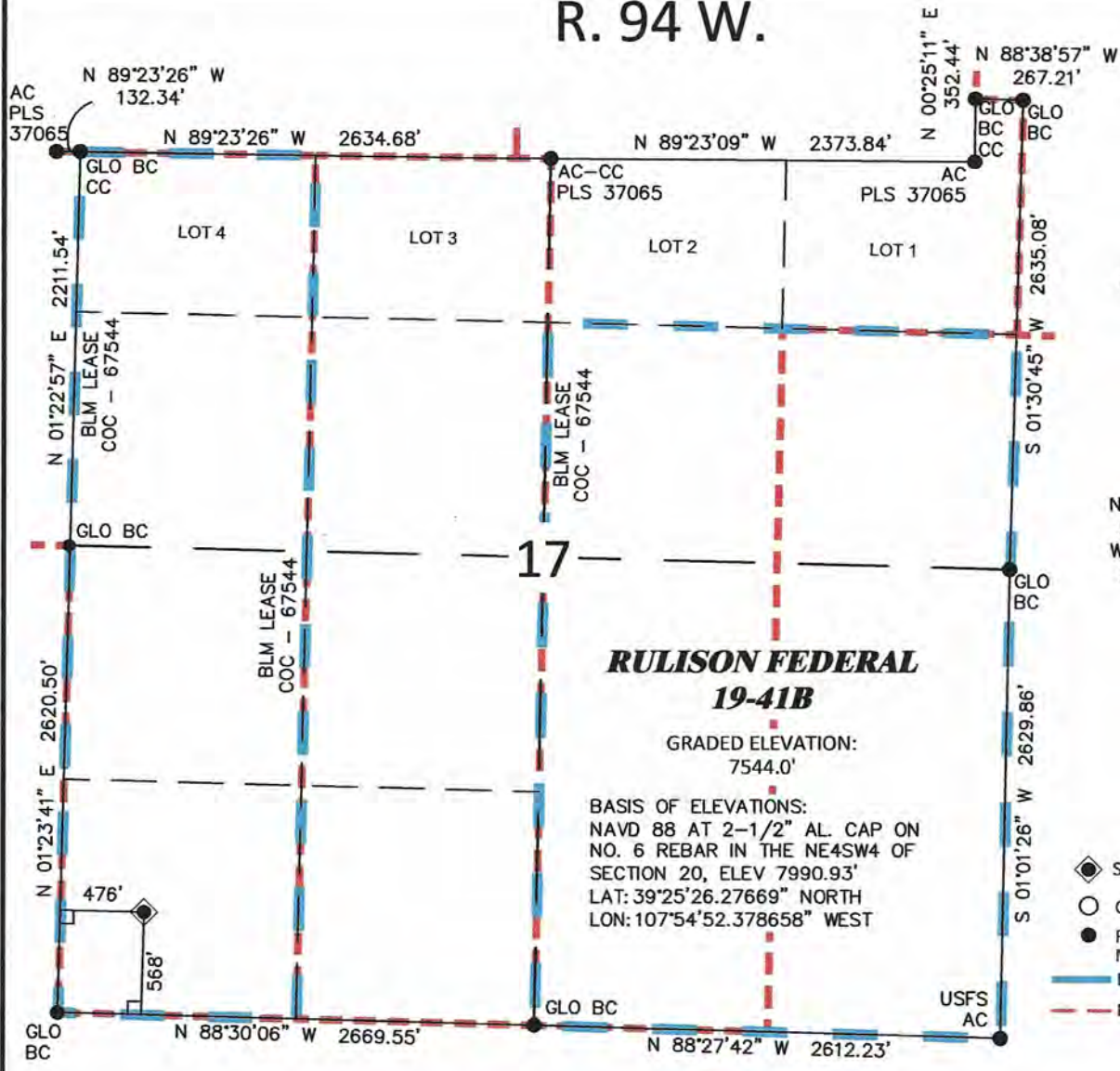


R. 94 W.



SCALE: 1"=1000'
0' 250' 500' 1000'

T. 7 S.

SURFACE HOLE LOCATION

SHL LATITUDE(NAD 83)
NORTH 39.433296 DEG.
SHL LONGITUDE(NAD 83)
WEST 107.917791 DEG.
SHL COLORADO CENTRAL
ZONE (NAD83)
NORTHING
1591794.78 FT.
EASTING
2317171.11 FT.

**RULISON FEDERAL
19-41B**

GRADED ELEVATION:
7544.0'

BASIS OF ELEVATIONS:
NAVD 88 AT 2-1/2" AL. CAP ON
NO. 6 REBAR IN THE NE4SW4 OF
SECTION 20, ELEV 7990.93'
LAT: 39°25'26.27669" NORTH
LON: 107°54'52.378658" WEST

LEGEND

- ◆ SURFACE HOLE LOCATION
- CALCULATED CORNER
- FOUND CORNER MONUMENT, AS NOTED
- LEASE LINE
- - - PROPERTY LINE

SURVEYOR'S STATEMENT

I, Ronald C. Rennke, an employee and agent for William H. Smith & Associates P.C., Inc. state the plat hereon is a representation of a field survey made under my authority of the shown RULISON FEDERAL 19-41B surface hole location, being staked on the ground as shown hereon on June 18, 2012.

NOTES

- (1.) Basis of Datum is the Colorado State Plane Coordinate System, Central Zone, NAD83 (horizontal) & NAVD88 (vertical) derived from OPUS solution.
- (2.) The Basis of Bearings for this survey is referenced to the south line of the SW4 of Section 17 monumented with USGLO brass caps dated 1911 and bearing N 88°30'06" W.
- (3.) Current land use is native, non-crop & rangeland.
- (4.) Improvements exist within 400' radius, see exhibit 2 for details.
- (5.) GPS operator Ron Rennke, observed PDOP 1.6
- (6.) All GPS observations for the shown well location are in compliance with COGCC rule no. 215.



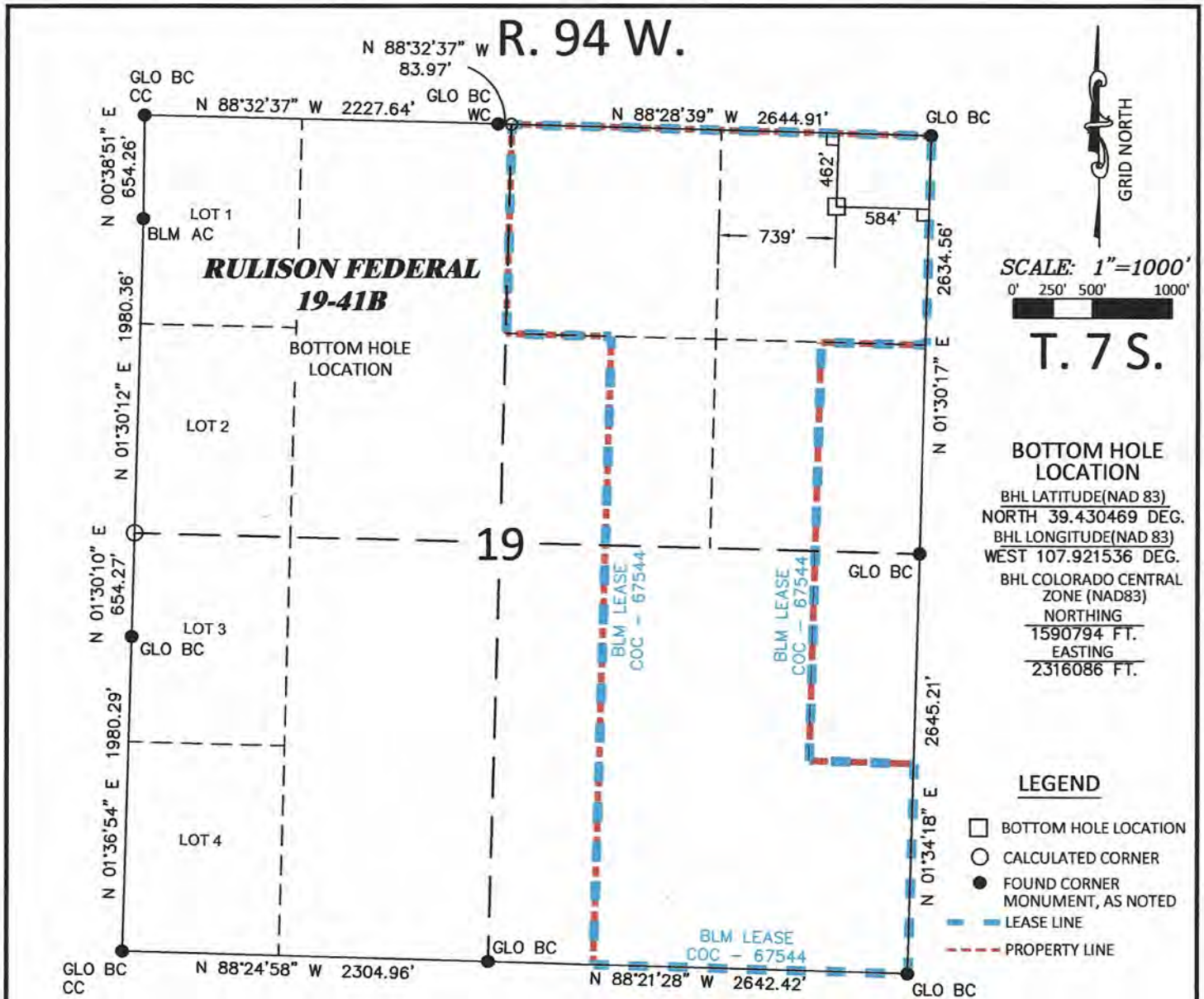
Notice: In accordance with Colorado State Law, any legal action based upon any defect in this survey plat must commence within three (3) years after first discovery of such defect. In no event may any action based upon any defect in this survey plat be commenced more than ten (10) years from the date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



WILLIAM H. SMITH & ASSOCIATES P.C.
SURVEYING CONSULTANTS
550 EAST SECOND NORTH PHONE: 307-875-3638
GREEN RIVER, WY 307-875-3639
www.whsmithpc.com

**PLAT OF DRILLING LOCATION
FOR NOBLE ENERGY, INC
RULISON FEDERAL 19-41B - SW4SW4 SECTION 17
568' F/SL & 476' F/WL, SECTION 17
T. 7 S., R. 94 W., 6TH P.M.
GARFIELD COUNTY, COLORADO**

JOB NO: 2011900.004	DATE DRAWN - BY: 6/18/12 - rcr
REVISIONS:	SCALE: 1" = 1000'
	EXHIBIT 1 PAGE 1 OF 1



SURVEYOR'S STATEMENT


I, Ronald C. Rennke, an employee and agent for William H. Smith & Associates P.C., Inc. state the plat hereon is a representation of a field survey made under my authority of the shown RULISON FEDERAL 19-41B bottom hole location.

NOTES

- (1.) Basis of Datum is the Colorado State Plane Coordinate System, Central Zone, NAD83 (horizontal) & NAVD88 (vertical) derived from OPUS solution.
- (2.) The Basis of Bearings for this survey is referenced to the south line of the shown SW4 of Section 17 monumented with USGLO brass caps dated 1911 and bearing N 88°30'06" W.
- (3.) Current land use is native, non-crop & rangeland.
- (4.) Improvements exist within 400' radius, see exhibit 2 for details.
- (5.) GPS operator Ron Rennke, observed PDOP 1.6
- (6.) All GPS observations for the shown well location are in compliance with COGCC rule no. 215.



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.

	<p>WILLIAM H. SMITH & ASSOCIATES P.C. SURVEYING CONSULTANTS 550 EAST SECOND NORTH PHONE: 307-875-3638 GREEN RIVER, WY 307-875-3639 www.whsmithpc.com</p>	<p>PLAT OF BOTTOM HOLE LOCATION FOR NOBLE ENERGY, INC RULISON FEDERAL 19-41B - NE4NE4 SECTION 19 462' F/NL & 584' F/EL, SECTION 19 T. 7 S., R. 94 W., 6TH P.M. GARFIELD COUNTY, COLORADO</p>
	<p>JOB NO: 2011900.004 DATE DRAWN - BY: 6/18/12 - rcr REVISIONS: SCALE: 1" = 1000' EXHIBIT 1 PAGE 1 OF 1</p>	