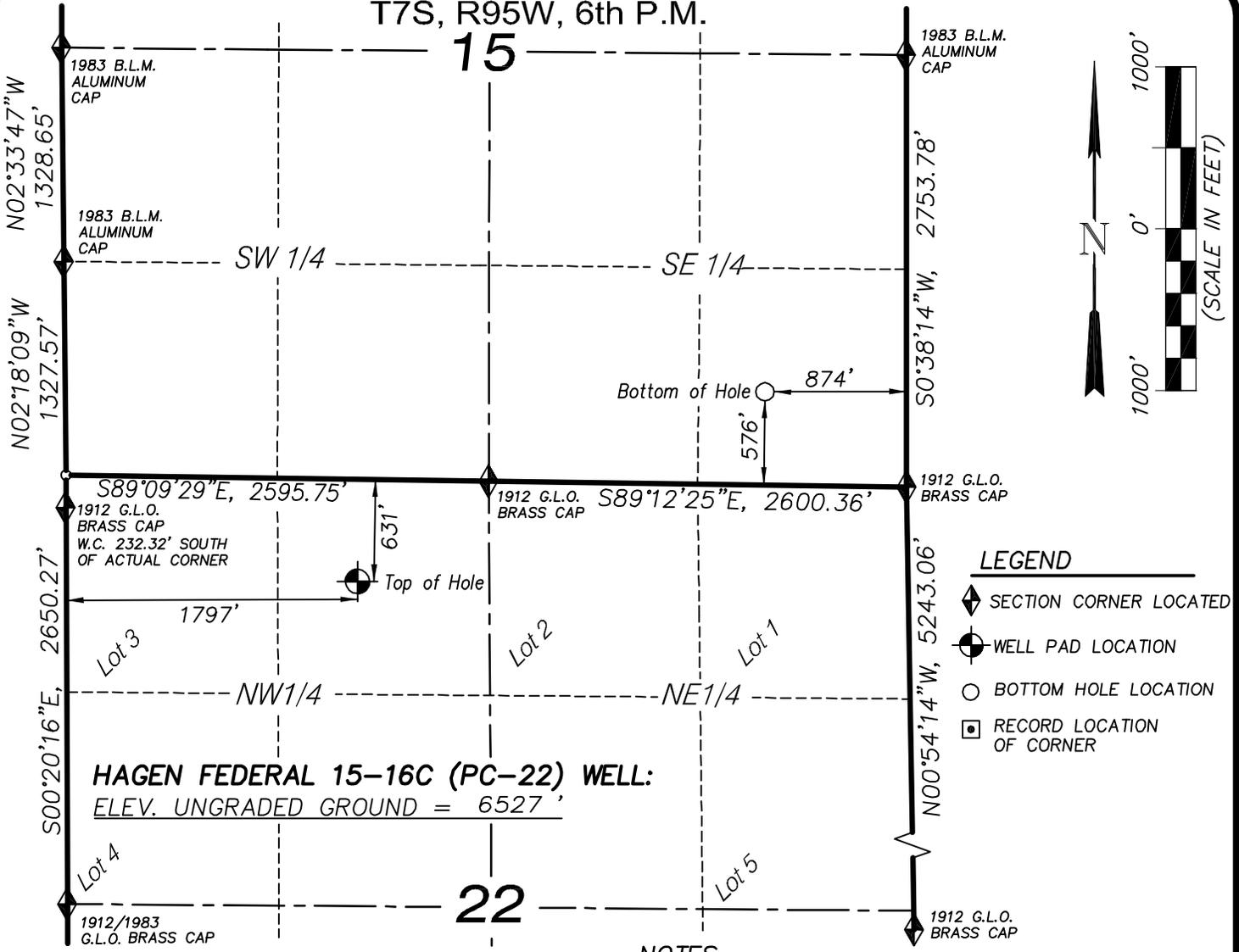


T7S, R95W, 6th P.M.

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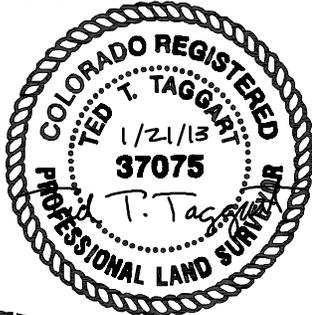
HAGEN FEDERAL 15-16C (PC-22) WELL:
 ELEV. UNGRADED GROUND = 6527'

HAGEN FEDERAL 15-16C WELL (PC-22)

(WELLHEAD LOCATION) NAD 83
 LATITUDE = 39.428529° N
 LONGITUDE = 107.986411° W
 (BOTTOM HOLE LOCATION) NAD 83
 LATITUDE = 39.431764° N
 LONGITUDE = 107.977479° W

CERTIFICATE OF SURVEYOR

I, TED TAGGART OF FRUITA, COLORADO HEREBY CERTIFY THAT THIS MAP WAS MADE FROM NOTES TAKEN DURING AN ACTUAL SURVEY MADE BY ME OR UNDER MY DIRECTION FOR ENCANA OIL & GAS (USA) INC. AND THAT THIS LOCATION HAS BEEN STAKED ON THE GROUND AS SHOWN HEREON.



906 Main Street
 Evanston, Wyoming 82930
 Phone No. (307) 789-4545

NOTES

1. WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO SECTION LINES.
2. BASIS OF BEARING: GEODETIC- BASED ON GPS OBSERVATIONS.
3. ELEVATIONS BASED ON GPS OBSERVATIONS, NAVD 88 (GEOID 03), POST PROCESSED USING NGS OPUS.
4. THE BOTTOM HOLE BEARS N65°08'08"E, 2786' FROM TOP OF HOLE.
5. SEE ADDENDUM TO LEGAL PLAT (SHEET 1v) FOR VISIBLE IMPROVEMENTS WITHIN 400 FEET OF THE PROPOSED OIL & GAS LOCATION.
6. CONTROL FOR SURVEY WAS ESTABLISHED USING DIFFERENTIALLY CORRECTED GPS FROM AN OPUS BASED CONTROL NETWORK. WELL LOCATION WAS ESTABLISHED USING NON-GPS CONVENTIONAL METHODS, THEREFORE NO PDDP READING WAS TAKEN.

MAP to ACCOMPANY
 APPLICATION for PERMIT to DRILL
Encana Oil & Gas (USA) Inc.
Hagen Federal 15-16C (PC-22) Well
 NE1/4 NW1/4, SECTION 22
 T7S, R95W, 6th P.M.
 GARFIELD COUNTY, COLORADO

<i>Location Plat</i>		Scale: 1" = 1000'	SHEET 10 OF 10
Project No.	07-04-103	Date Surveyed: 9/27/07	
Date Drawn:	1/27/08	Latest Revision Date: 1/21/13	