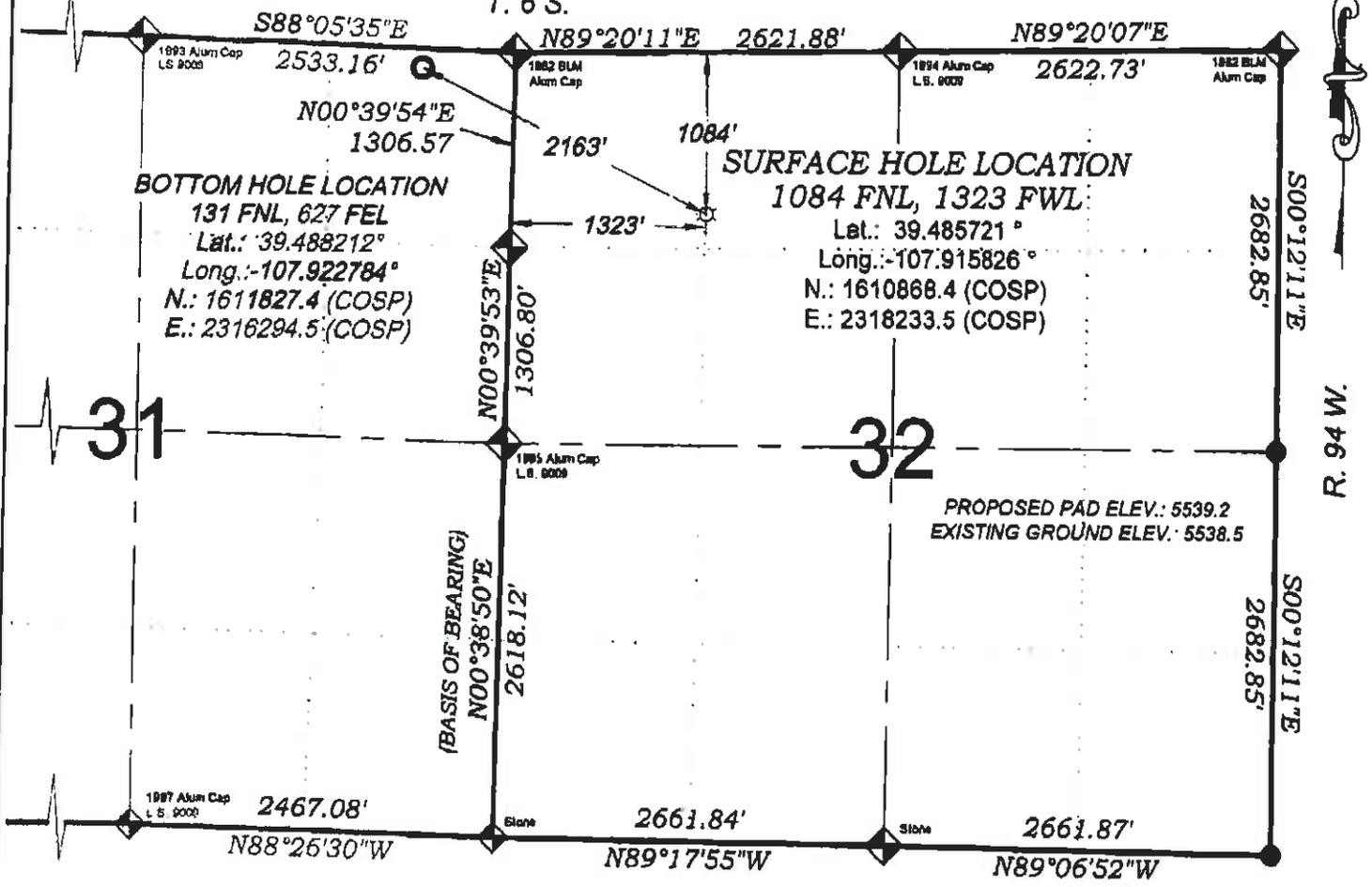


Duggan RWF 41-31

T. 6 S.



BOTTOM HOLE LOCATION
 131 FNL, 627 FEL
 Lat.: 39.488212°
 Long.: -107.922784°
 N.: 1611827.4 (COSP)
 E.: 2316294.5 (COSP)

SURFACE HOLE LOCATION
 1084 FNL, 1323 FWL
 Lat.: 39.485721°
 Long.: -107.915826°
 N.: 1610868.4 (COSP)
 E.: 2318233.5 (COSP)

PROPOSED PAD ELEV.: 5539.2
 EXISTING GROUND ELEV.: 5538.5

THERE ARE NO VISIBLE IMPROVEMENTS WITHIN 400' OF THIS LOCATION



SURVEYORS STATEMENT

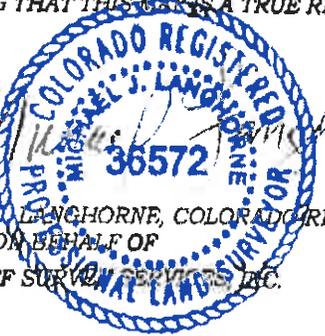
I, MICHAEL J. LANGHORNE, A REGISTERED LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY THAT THE SURVEY SHOWN HEREON WAS PREPARED UNDER MY DIRECT SUPERVISION AND HAS BEEN STAKED ON THE GROUND AS SHOWN ON THE PLAT AND CHECKING THAT THIS MAP IS A TRUE REPRESENTATION THEREOF.

- LEGEND -

- FIELD LOCATED SECTION MONUMENTS AS DESCRIBED 
- FIELD SURVEYED WELL LOCATION 
- CALCULATED BOTTOM HOLE LOCATION 
- CALCULATED SECTION CORNER LOCATION 

NOTES

- 1) ELEVATIONS BASED ON N.A.V.D. 1988 PUBLISHED COORDINATES
- 2) LATITUDES AND LONGITUDES ARE BASE ON NAD 83, PUBLISHED COORDINATES
- 3) STATE PLANE COORDINATES ARE BASED ON COLORADO CENTRAL ZONE, U.S. SURVEY FEET.
- 4) ELEVATION MASK SET TO 15"
- 5) GPS OPERATOR J. KIRKPATRICK, OBSERVED A PDOP 1.8 ON SURVEY POINT NUMBER 160004.
- 6) SURFACE AND BOTTOM HOLE LOCATIONS ARE MEASURED 90° FROM SECTION LINES.



MICHAEL J. LANGHORNE, COLORADO REGISTRATION NO. 36572
 FOR AND ON BEHALF OF
 BOOKCLIFF SURVEY SERVICES, INC.

REFERENCES

- 1) PARTIALLY SURVEYED T. 6 S., R. 94 W., 6th P.M (GLO PLAT)
- 2) U.S.G.S. QUAD: RULISON, CO

WELL LOCATION PLAT Prepared for:

Williams. Williams Production, RMT

NE1/4 NW1/4, SECTION 32
 T. 6 S., R. 94 W. of the 6th. P.M.
 CARRIED OVER TO NEXT PAGE



SURVEY DATE:	5/16/11
MAP DATE:	5/23/11
SCALE:	1" = 1200'
PLAT:	1 of 1
BEO 15073	11/27/11