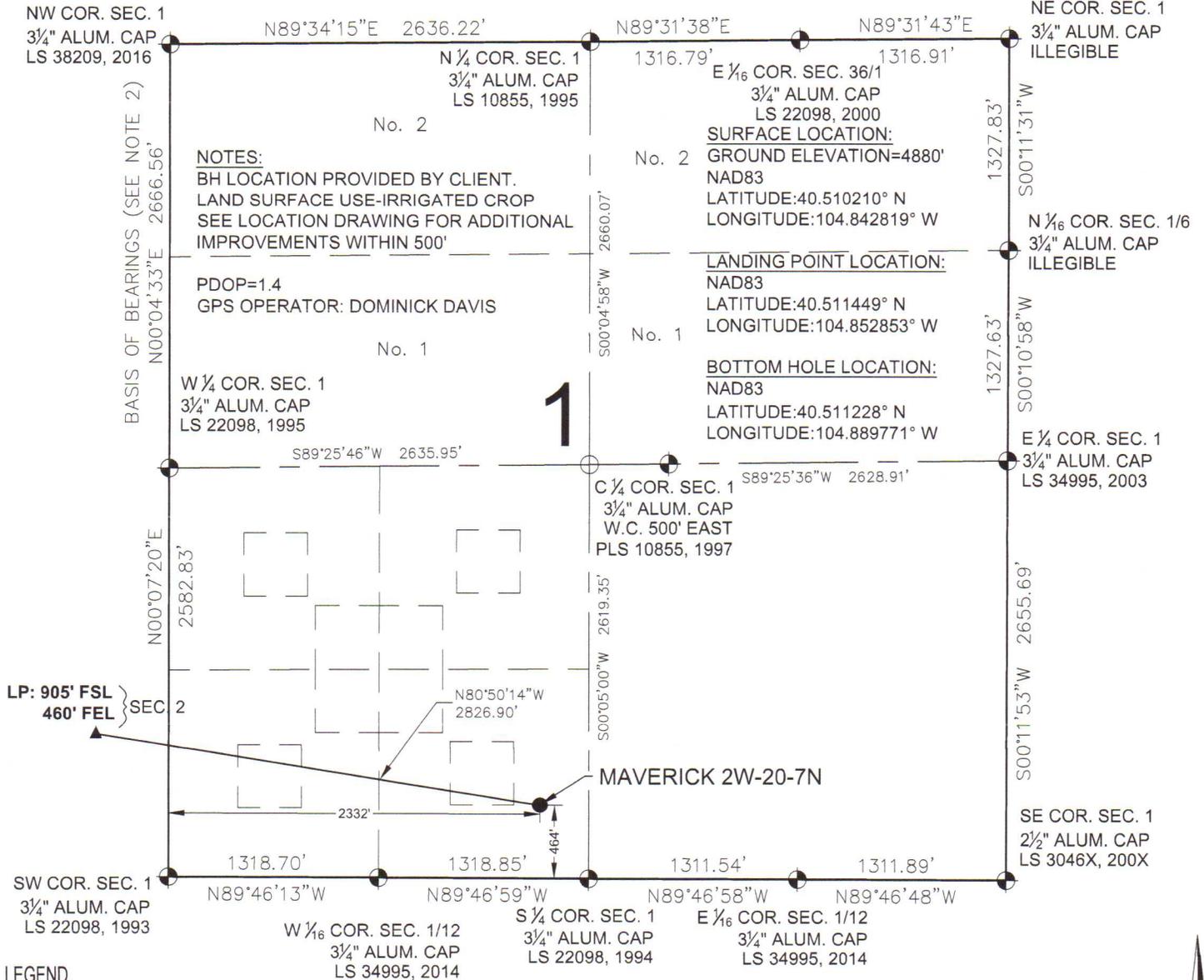
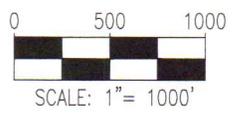


MAVERICK 2W-20-7N WELL LOCATION CERTIFICATE



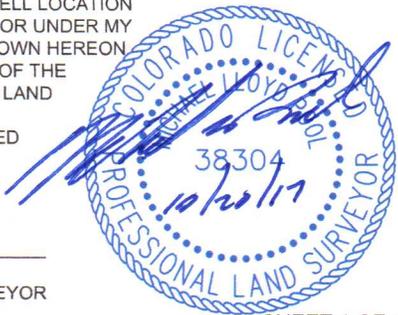
- LEGEND**
- = EXISTING MONUMENT
 - = CALCULATED POSITION
 - = PROPOSED WELL
 - ◆ = EXISTING WELL
 - ◆ = BOTTOM HOLE
 - ▲ = LANDING POINT
 - LP = LANDING POINT
 - BHL = BOTTOM HOLE LOCATION

**WELL MAVERICK 2W-20-7N TO BE
LOCATED 464' FSL & 2332' FWL**



- NOTES:**
- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
 - BEARINGS ARE BASED ON THE ASSUMPTION THAT THE WEST LINE OF THE NORTHWEST QUARTER OF SECTION 1, BEARS N00°04'33"E BETWEEN THE MONUMENTS SHOWN HEREON.
 - ALL DISTANCES AND BEARINGS SHOWN HEREON ARE GROUND VALUES AS GPS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES. THIS LOW DISTORTION PROJECTION (LDP) IS BASED ON THE NORTH AMERICAN DATUM OF 1983, U.S. SURVEY FOOT WITH A LATITUDE ORIGIN OF 40.479608°N, A CENTRAL MERIDIAN LONGITUDE OF 104.889057°W, AND A SCALE FACTOR ON THE CENTRAL MERIDIAN OF 1.000228 (EXACT), THE LDP BASIS OF BEARINGS IS GEODETIC NORTH.
 - FIELD VERIFICATION OF MONUMENTS COMPLETED WITHIN 1 YEAR OF SIGNATURE DATE.

I, MICHAEL L. POOL, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **EXTRACTION OIL & GAS**, THAT THE SURVEY AND WELL LOCATION CERTIFICATE SHOWN HEREON WERE DONE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE DRAWING SHOWN HEREON ACCURATELY DEPICTS THE PROPOSED LOCATION OF THE WELL. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.



MICHAEL L. POOL, PLS 38304
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
 FOR AND ON BEHALF OF P.F.S., LLC

SHEET 1 OF 4

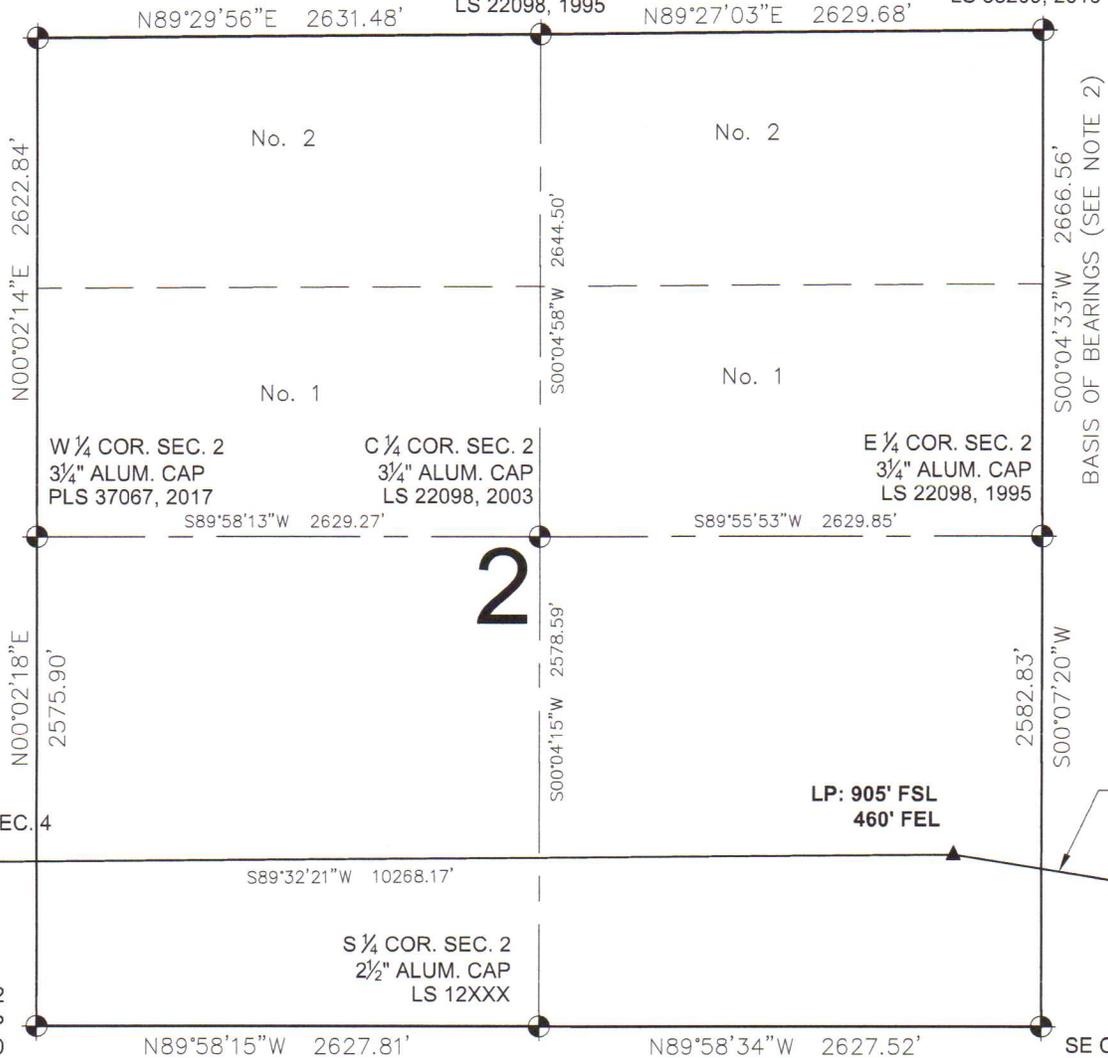
<p>7535 Hiltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com</p>	FIELD DATE: 10-02-17	WELL NAME: MAVERICK 2W-20-7N	PREPARED FOR:
	DRAWING DATE: 10-19-17	SURFACE LOCATION: SE 1/4 SW 1/4 SEC. 1 T6N, R67W, 6TH P.M. WELD COUNTY, COLORADO	
BY: RMC	CHECKED: CSG		

MAVERICK 2W-20-7N WELL LOCATION CERTIFICATE

NW COR. SEC. 2
2½" ALUM. CAP
LS 12374, 1999

N ¼ COR. SEC. 2
¾" ALUM. CAP
LS 22098, 1995

NE COR. SEC. 2
¾" ALUM. CAP
LS 38209, 2016



BASIS OF BEARINGS (SEE NOTE 2)

BHL: 811' FSL
260' FEL } SEC. 4

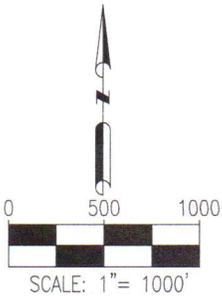
LP: 905' FSL
460' FEL

N80°50'14"W
2826.90'

SW COR. SEC. 2
¾" ALUM. CAP
LS 33642, 2000

S ¼ COR. SEC. 2
2½" ALUM. CAP
LS 12XXX

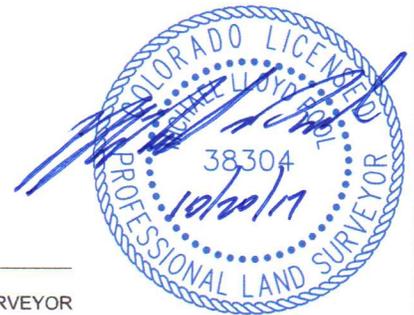
SE COR. SEC. 2
¾" ALUM. CAP
LS 22098, 1993



LEGEND

- ⊙ = EXISTING MONUMENT
- = CALCULATED POSITION
- = PROPOSED WELL
- ◆ = EXISTING WELL
- ⬮ = BOTTOM HOLE
- ▲ = LANDING POINT
- LP = LANDING POINT
- BHL = BOTTOM HOLE LOCATION

MICHAEL L. POOL, PLS 38304
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC



SHEET 2 OF 4

7535 Hilltop Circle
Denver, CO 80221
(303) 928-7128
www.ascentgeomatics.com

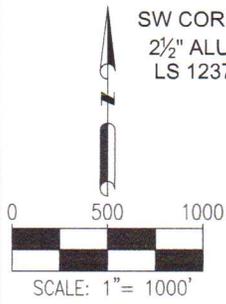
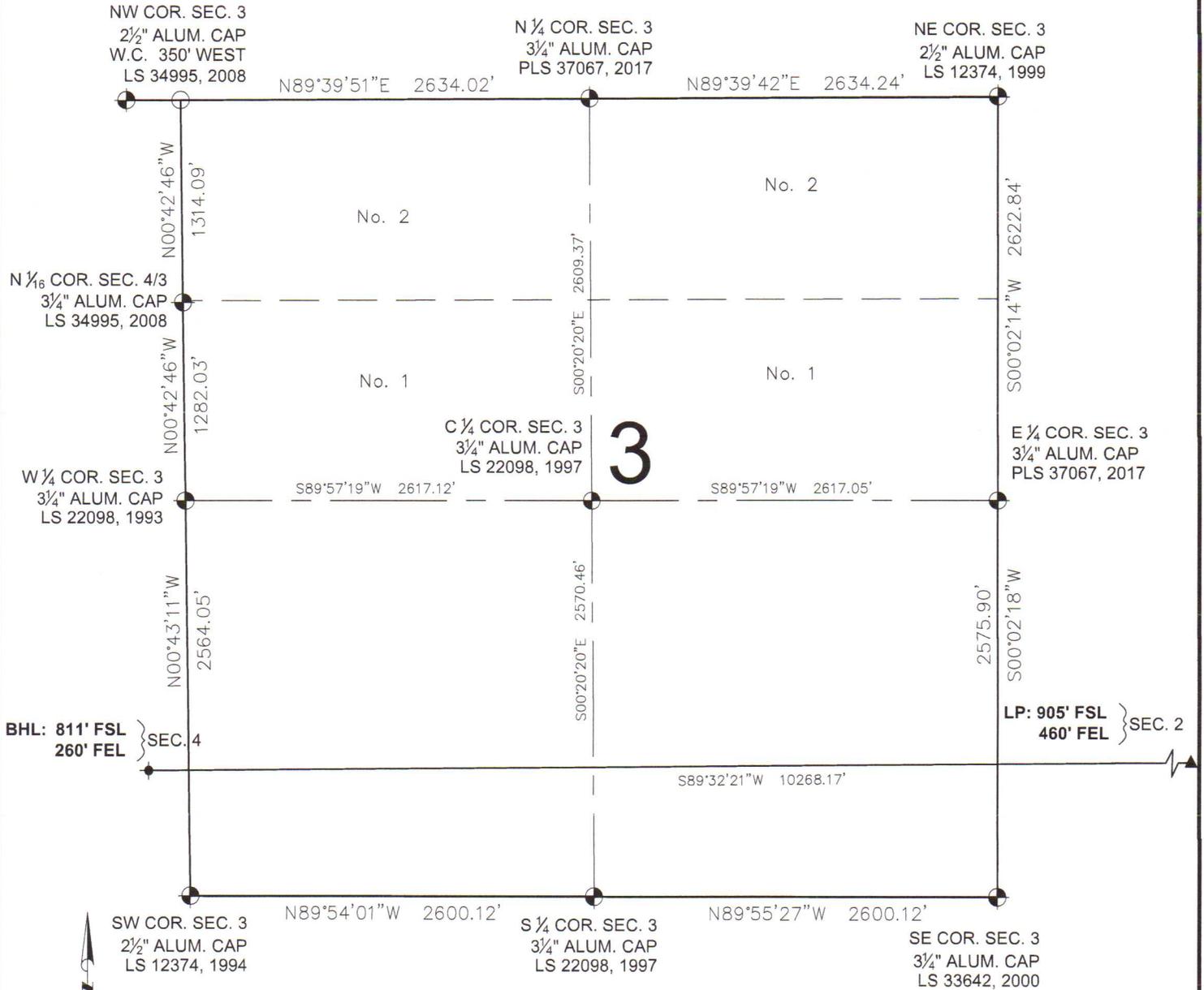
FIELD DATE: 10-02-17	WELL NAME: MAVERICK 2W-20-7N
DRAWING DATE: 10-19-17	SURFACE LOCATION: SE 1/4 SW 1/4 SEC. 1 T6N, R67W, 6TH P.M.
BY: RMC	CHECKED: CSG
WELD COUNTY, COLORADO	

PREPARED FOR:

EXTRACTION

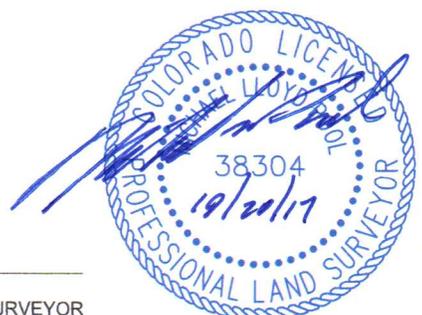
Oil & Gas

MAVERICK 2W-20-7N WELL LOCATION CERTIFICATE

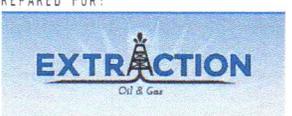


- LEGEND**
- = EXISTING MONUMENT
 - = CALCULATED POSITION
 - = PROPOSED WELL
 - ◆ = EXISTING WELL
 - ⬇ = BOTTOM HOLE
 - ▲ = LANDING POINT
 - LP = LANDING POINT
 - BHL = BOTTOM HOLE LOCATION

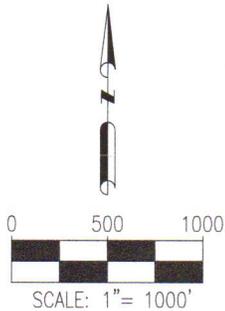
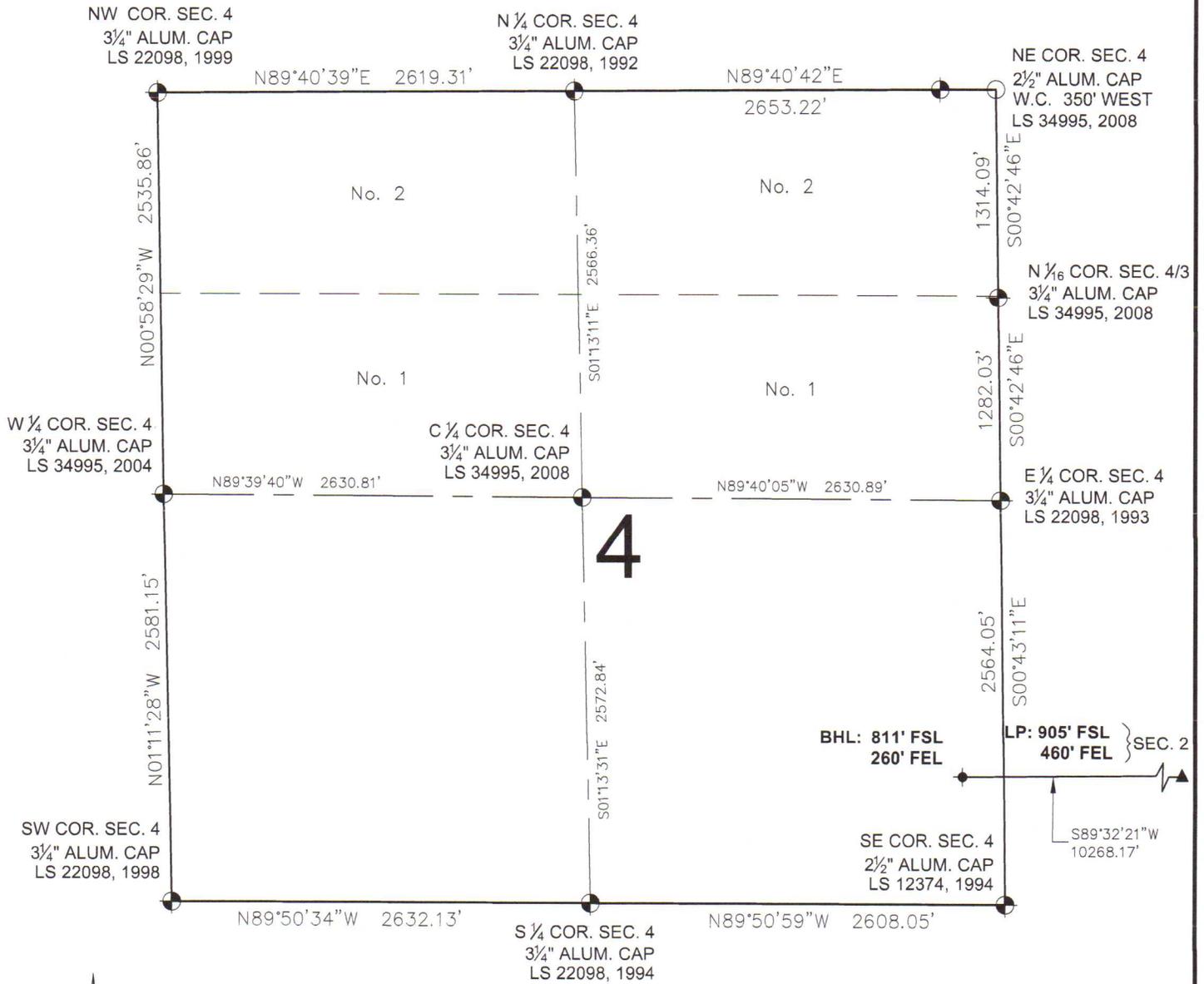
MICHAEL L. POOL, PLS 38304
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
 FOR AND ON BEHALF OF P.F.S., LLC



SHEET 3 OF 4

 <p>7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com</p>	FIELD DATE: 10-02-17	WELL NAME: MAVERICK 2W-20-7N	PREPARED FOR: 
	DRAWING DATE: 10-19-17	SURFACE LOCATION: SE 1/4 SW 1/4 SEC. 1 T6N, R67W, 6TH P.M. WELD COUNTY, COLORADO	
BY: RMC	CHECKED: CSG		

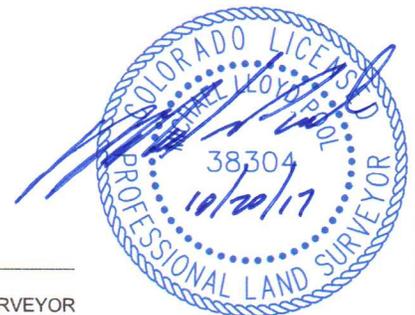
MAVERICK 2W-20-7N WELL LOCATION CERTIFICATE



LEGEND

- ⊙ = EXISTING MONUMENT
- = CALCULATED POSITION
- = PROPOSED WELL
- ◆ = EXISTING WELL
- ◆ = BOTTOM HOLE
- ▲ = LANDING POINT
- LP = LANDING POINT
- BHL = BOTTOM HOLE LOCATION

MICHAEL L. POOL, PLS 38304
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
 FOR AND ON BEHALF OF P.F.S., LLC



SHEET 4 OF 4

7535 Hilltop Circle
 Denver, CO 80221
 (303) 928-7128
 www.ascentgeomatics.com

FIELD DATE: 10-02-17	WELL NAME: MAVERICK 2W-20-7N
DRAWING DATE: 10-19-17	SURFACE LOCATION: SE 1/4 SW 1/4 SEC. 1 T6N, R67W, 6TH P.M. WELD COUNTY, COLORADO
BY: RMC	CHECKED: CSG

PREPARED FOR: