

WELL LOCATION CERTIFICATE: JANSSEN 11

NW COR. SEC. 8
3/4" ALUM. CAP
PLS 7242

SECTION 8, TOWNSHIP 6 NORTH, RANGE 65 WEST, 6TH P.M.

S 86°28'28" E 2664.55'

S 85°22'28" E 2625.31'

NE COR. SEC. 8
2 1/2" ALUM. CAP
ILLEGIBLE

N 1/4 COR. SEC. 8
2 1/2" ALUM. CAP
PLS 12374

BH-2405' FNL
2184' FEL

LP-2405' FNL
2167' FWL

JANSSEN 11

W 1/4 COR. SEC. 8
2 1/2" ALUM. CAP
PLS 23501

N 87°26'37" W 4356.22'

N 88°05'08" W
228.61'

(BASIS OF BEARINGS) SEE NOTE 2
N 00°19'01" W 2626.64'

NOTES:
BH LOCATION PROVIDED BY CLIENT.
LAND SURFACE USE-IRRIGATED CROP
SEE ATTACHED MAP FOR ADDITIONAL
IMPROVEMENTS WITHIN 500'.

PDOP= 1.5
GPS OPERATOR: BEN HARDENBERGH

8

SURFACE LOCATION
GROUND ELEVATION= 4772'
NAD83
LATITUDE= 40.502628°
LONGITUDE= 104.688277°

LANDING POINT LOCATION
NAD83
LATITUDE= 40.502654°
LONGITUDE= 104.689099°

BOTTOM HOLE LOCATION
NAD83
LATITUDE= 40.503296°
LONGITUDE= 104.704741°

SW COR. SEC. 8
2 1/2" ALUM. CAP
PLS 23501

N 81°03'04" W 2621.20'

S 1/4 COR. SEC. 8
2 1/2" ALUM. CAP
PLS 23501

N 81°02'58" W 2630.48'

SE COR. SEC. 8
2 1/2" ALUM. CAP
ILLEGIBLE

WELL JANSSEN 11 TO BE LOCATED 2399' FNL AND 2396' FWL

0 500 1000
SCALE: 1"=1000'

LEGEND

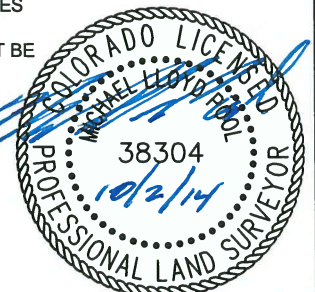
- = EXISTING MONUMENT
- ▲ = LANDING POINT
- = PROPOSED WELL
- LP = LANDING POINT
- ◆ = EXISTING WELL
- BH = BOTTOM HOLE
- ◆ = BOTTOM HOLE

NOTES:

- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- BEARINGS AND DISTANCE SHOWN HEREON ARE GRID AND BASED ON THE COLORADO STATE PLANE COORDINATE SYSTEM, NAD 83/2011 BETWEEN MONUMENTS AS LABELED HEREON AND ELEVATIONS SHOWN ARE NAVD 88, AS DERIVED BY GPS OBSERVATIONS.
- GRID DISTANCES ARE SHOWN, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES.

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



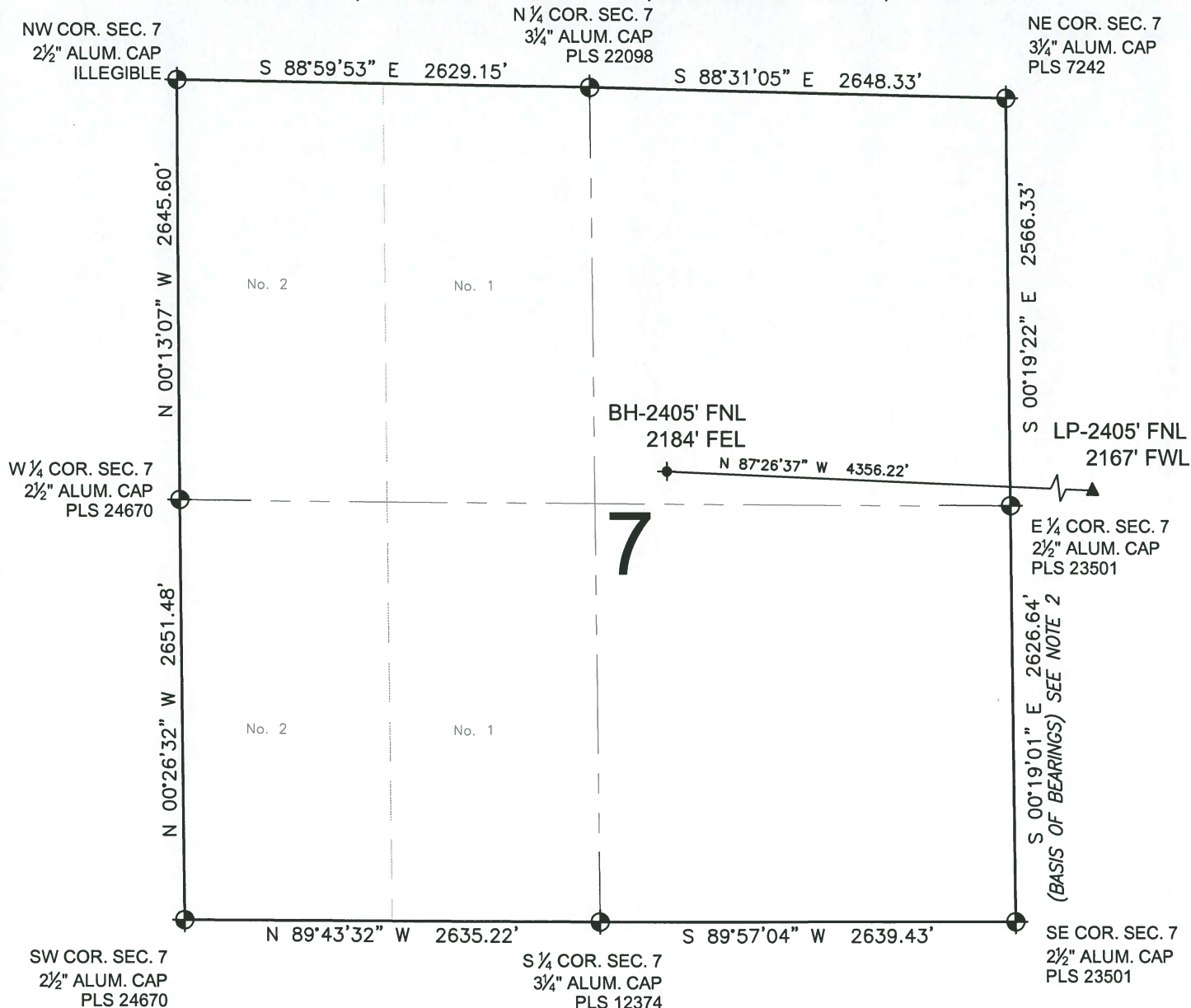
SHEET 1 OF 2

PREPARED BY: PFS Petroleum Field Services, LLC 7535 Hilltop Circle Denver, CO 80221	FIELD DATE: 08-28-14 DRAWING DATE: 09-12-14 BY: MDCA	SURFACE LOCATION: SE 1/4 NW 1/4, SEC. 8, T6N, R65W, 6TH P.M. WELD COUNTY, COLORADO
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NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THIS SAID DATE OF THIS CERTIFICATION SHOWN HEREON.

WELL LOCATION CERTIFICATE: JANSSEN 11

SECTION 7, TOWNSHIP 6 NORTH, RANGE 65 WEST, 6TH P.M.



LEGEND

- = EXISTING MONUMENT
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- ◆ = EXISTING WELL
- ◆ = BOTTOM HOLE
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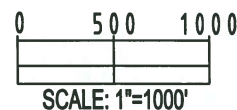
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SHEET 2 OF 2



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



PREPARED BY:  Petroleum Field Services, LLC 7535 Hilltop Circle Denver, CO 80221	FIELD DATE: 08-28-14 DRAWING DATE: 09-12-14 BY: MDCA CHECKED: WDW	SURFACE LOCATION: SE 1/4 NW 1/4, SEC. 8, T6N, R65W, 6TH P.M. WELD COUNTY, COLORADO
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