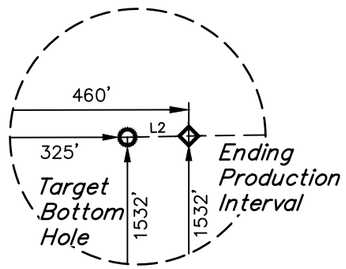
T4S, R65W, 6th P.M.

ConocoPhillips Company

RUSH #4-65 29-30 3DH
SW 1/4 SW 1/4, SECTION 28, T4S, R65W, 6th P.M.
ARAPAHOE COUNTY, COLORADO

BASIS OF BEARINGS
BASIS OF BEARINGS IS A G.P.S. OBSERVATION
BASIS OF ELEVATION
BENCHMARK 374 LOCATED ON THE SECTION LINE BETWEEN SECTIONS 12 & 13, T5S, R64W, 6th. P.M., TAKEN FROM 1988 PUBLISHED DATUM BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY AS BEING 6054.61 FEET.

LEGEND:
- = 90° SYMBOL
- = PROPOSED WELLHEAD.
- = TARGET BOTTOM HOLE.
- = SECTION CORNERS LOCATED. (NAD 83)
- = PRODUCTION INTERVAL.



Detail "A"
No Scale

N

1000' 500' 0' 1000'

R 66 W | R 65 W

N89°59'59"W – 2640.84' (Meas.) | N89°59'43"W – 2631.93' (Meas.) | N89°46'17"W – 2670.74' (Meas.) | N89°46'23"W – 2670.74' (Meas.) | S89°33'18"E – 2678.08' (Meas.) | S89°32'49"E – 2651.84' (Meas.)

2003 Alum. Cap, #26294, in Monument Box Lat: 39.682044° Long: 104.716153°

2005 Alum. Cap, #25636, in Monument Box Lat: 39.682061° Long: 104.706775°

1984 Alum. Cap, #13155, 0.8' Below Ground in Asphalt Lat: 39.682078° Long: 104.697425°

Brass Cap, #15244, in Monument Box Lat: 39.682064° Long: 104.687939°

2003 Alum. Cap, #25645, 0.3' Below Ground Lat: 39.682050° Long: 104.678453°

1984 Brass Cap, 0.9' Below Ground Lat: 39.682006° Long: 104.668942°

1985 Brass Cap, #15649 In Range Box, 2.4' Below Ground Lat: 39.681961° Long: 104.659522°

N00°10'54"E – 2645.32' (Meas.)

N00°26'07"E – 2650.75' (Meas.)

N00°46'25"E – 2667.14' (Meas.)

S00°31'31"W – 2649.52' (Meas.)

LOT 1

2003 Alum. Cap, #26294, in Range Box Lat: 39.674786° Long: 104.716161°

Brass Cap, in Concrete 0.6' Below Ground Lat: 39.674803° Long: 104.697478°

Set 2014 Alum Cap, #28285, 0.6' Below Ground, Using Reference Monuments Lat: 39.674728° Long: 104.678561°

1993 Brass Cap, #15244, 0.9' Below Ground Lat: 39.674692° Long: 104.659592°

30 | 29 | 28

N00°09'28"E – 2645.41' (Meas.)

N00°24'31"E – 2648.92' (Meas.)

N00°46'05"E 2666.68' (Meas.)

S00°30'59"W – 2649.32' (Meas.)

460' See Detail "A" @ Above

325'

LOT 2

N89°39'05"W 9654.65'

Beginning Production Interval

460'

L1

422'

RUSH #4-65 29-30 3DH
Elev. Ungraded Ground = 5694.9'

1532' 1532' 1532' 1331'

Found Hub, Tack & Disk, Set 2013 Alum. Cap, #28285, 0.6' High Lat: 39.667419° Long: 104.659661°

N89°54'42"W – 2624.32' (Meas.) | N89°53'27"W – 2625.10' (Meas.) | N89°24'28"W – 2654.41' (Meas.) | N89°24'14"W – 2654.60' (Meas.) | N89°55'38"W – 2676.74' (Meas.) | N89°55'17"W – 2676.61' (Meas.)

2003 Alum. Cap, #26294, in Range Box Lat: 39.667525° Long: 104.716164°

Found Bent Rebar, Set 2014 Alum. Cap, #28285, Flush w/Ground Lat: 39.667531° Long: 104.706844°

Brass Cap, in Concrete, Flush w/Ground Lat: 39.667533° Long: 104.697522°

1993 Alum. Cap, #27609, 0.3' High Lat: 39.667472° Long: 104.688097°

1998 Brass Cap, #13327 0.6' Below Ground Lat: 39.667411° Long: 104.678669°

1985 Brass Cap, #15649 Flush w/Ground in Concrete Lat: 39.667417° Long: 104.669164°

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N76°49'02"W	903.18'
L2	N89°54'42"W	135.00'

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

COLORADO REGISTERED PROFESSIONAL LAND SURVEYOR

REGISTERED LAND SURVEYOR
REGISTRATION NO. 28285
STATE OF COLORADO

05-16-18

PDOP = 1.3

NAD 83 (SURFACE LOCATION)	NAD 83 (BEG. PROD. INTERVAL)	NAD 83 (ENDING PROD. INTERVAL)	NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 39°40'15.84" (39.671066)	LATITUDE = 39°40'17.86" (39.671627)	LATITUDE = 39°40'18.23" (39.671731)	LATITUDE = 39°40'18.23" (39.671730)
LONGITUDE = 104°40'37.62" (104.677118)	LONGITUDE = 104°40'48.87" (104.680242)	LONGITUDE = 104°42'52.30" (104.714529)	LONGITUDE = 104°42'54.03" (104.715009)
NAD 27 (SURFACE LOCATION)	**NAD 27 (BEG. PROD. INTERVAL)**	**NAD 27 (ENDING PROD. INTERVAL)**	**NAD 27 (TARGET BOTTOM HOLE)**
LATITUDE = 39°40'15.88" (39.671079)	LATITUDE = 39°40'17.90" (39.671639)	LATITUDE = 39°40'18.27" (39.671743)	LATITUDE = 39°40'18.27" (39.671742)
LONGITUDE = 104°40'35.73" (104.676592)	LONGITUDE = 104°40'46.98" (104.679716)	LONGITUDE = 104°42'50.41" (104.714002)	LONGITUDE = 104°42'52.13" (104.714482)
STATE PLANE NAD 83 (CO. CENTRAL)	**STATE PLANE NAD 83 (CO. CENTRAL)**	**STATE PLANE NAD 83 (CO. CENTRAL)**	**STATE PLANE NAD 83 (CO. CENTRAL)**
N: 1670363.79 E: 3231637.03	N: 1670560.02 E: 3230755.70	N: 1670512.47 E: 3221104.06	N: 1670511.19 E: 3220969.11
STATE PLANE NAD 27 (CO. CENTRAL)	**STATE PLANE NAD 27 (CO. CENTRAL)**	**STATE PLANE NAD 27 (CO. CENTRAL)**	**STATE PLANE NAD 27 (CO. CENTRAL)**
N: 670356.23 E: 2231790.95	N: 670552.44 E: 2230909.63	N: 670504.73 E: 2221258.07	N: 670503.45 E: 2221123.12

REV: 1 05-04-18 C.C. (SHL, BPI, EPI & TBH MOVE)

UINTAH ENGINEERING & LAND SURVEYING

UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

SURVEYED BY	CHAD MEIERS, O.R.	04-20-18	**SCALE**
DRAWN BY	K.B.	02-09-17	1" = 1000'

WELL LOCATION PLAT