

ConocoPhillips Company
EASTERN HILLS #4-65 17-18 2DH
SE 1/4 NE 1/4, SECTION 17, T4S, R65W, 6th P.M.
ARAPAHOE COUNTY, COLORADO

BASIS OF BEARINGS IS A G.P.S. OBSERVATION BASIS OF ELEVATION

LOT 1

LOT 2

EASTERN HILLS #4-65 17-18 2DH
Elev. Ungraded
Ground = 5636.6'
Beginning Production Interval

Target Bottom Hole

R66W

R65W

Survey Data:

- Top Left: 1986 Brass Cap, #16419, In Monument Box, Lat: 39.711097°, Long: 104.716092°
- Top Center: 1986 Brass Cap, #9652, in Monument Box, Lat: 39.711075°, Long: 104.706661°
- Top Right: 2006 Alum. Cap, #29430, 0.9' Below Ground in Monument Box, Lat: 39.711003°, Long: 104.687806°
- Far Top Right: 2011 Alum. Cap, #38058, 0.3' Below Ground, 1.0' East of Center Line of Asphalt, Lat: 39.710986°, Long: 104.678381°
- Middle Left: 1984 Brass Cap, #16848, in Monument Box, Lat: 39.703831°, Long: 104.716122°
- Middle Center: 1986 Brass Cap, #9652, 0.3' Below Ground in Concrete, Lat: 39.703803°, Long: 104.706667°
- Middle Right: 2005 Alum. Cap, #23527, in Monument Box, Lat: 39.703775°, Long: 104.697256°
- Bottom Left: 1983 Brass Cap, #16848, 1.6' Below Ground, Lat: 39.696564°, Long: 104.716150°
- Bottom Center: 2004 Alum. Cap, #36580, 0.4' Below Ground in Monument Box, Lat: 39.696539°, Long: 104.706686°
- Bottom Right: 2006 Alum. Cap, #23527, 1.0' Below Ground, Lat: 39.696497°, Long: 104.697300°
- Far Bottom Right: Brass Cap, 0.3' High in Concrete, Lat: 39.696522°, Long: 104.687856°
- Far Bottom Right: Brass Cap, 1.8' Below Ground in Monument Box, Lat: 39.696550°, Long: 104.678408°
- Far Bottom Right: 1993 Brass Cap, #15244, 2.2' Below Ground in Monument Box, Lat: 39.703767°, Long: 104.678394°

Bearings and Distances:

- Top Boundary: S89°41'29"E - 2654.50' (Meas.), S89°41'38"E - 2660.46' (Meas.), S89°29'19"E - 2646.10' (Meas.), S89°45'01"E - 2651.83' (Meas.)
- Left Boundary: N00°19'04"E - 2647.44' (Meas.), N00°18'08"E - 2647.72' (Meas.)
- Right Boundary: S00°11'28"W - 2630.51' (Meas.), S00°11'28"W - 2629.81' (Meas.)
- Internal Vertical: N00°10'36"E - 2649.45' (Meas.), N00°25'40"E - 2651.62' (Meas.), N00°16'21"E - 2634.96' (Meas.), N00°16'31"E - 2641.24' (Meas.)
- Internal Horizontal: N89°38'53"W - 2661.03' (Meas.), N89°38'49"W - 2648.84' (Meas.), N89°50'55"W - 2653.27' (Meas.), N89°50'46"W - 2655.57' (Meas.)
- Bottom Boundary: N89°39'04"W - 2663.79' (Meas.), N89°33'35"W - 2642.17' (Meas.), S89°55'42"W - 2658.48' (Meas.), S89°54'27"W - 2659.49' (Meas.)

Other Measurements:

- Vertical Distances: 2482', 2482', 2063', 2482', 460', 700'
- Horizontal Distances: 325', 460', 9698.36', 460'






A north arrow pointing upwards, labeled 'N' at the top. Below the arrow is a graphic scale bar with alternating black and white segments. The scale is marked with '1000'' at both ends and '500'' and '0'' in the center.

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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 28285
STATE OF COLORADO

REV: 2 08-11-17 K.B. (SL CHANGE)

PDOP = 2.2

 = 90° SYMBOL
 = PROPOSED WELLHEAD.
 = TARGET BOTTOM HOLE.
 = SECTION CORNERS LOCATED.
 = PRODUCTION INTERVAL.

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| NAD 83 (SURFACE LOCATION) | NAD 83 (BEG. PROD. INTERVAL) | NAD 83 (ENDING PROD. INTERVAL) | NAD 83 (TARGET BOTTOM HOLE) |
| LATITUDE = 39°42'19.18" (39.705328) | LATITUDE = 39°42'15.04" (39.704178) | LATITUDE = 39°42'15.41" (39.704281) | LATITUDE = 39°42'15.42" (39.704283) |
| LONGITUDE = 104°40'51.16" (104.680878) | LONGITUDE = 104°40'48.10" (104.680028) | LONGITUDE = 104°42'52.15" (104.714486) | LONGITUDE = 104°42'53.88" (104.714967) |
| NAD 27 (SURFACE LOCATION) | NAD 27 (BEG. PROD. INTERVAL) | NAD 27 (ENDING PROD. INTERVAL) | NAD 27 (TARGET BOTTOM HOLE) |
| LATITUDE = 39°42'19.23" (39.705342) | LATITUDE = 39°42'15.08" (39.704189) | LATITUDE = 39°42'15.46" (39.704294) | LATITUDE = 39°42'15.46" (39.704294) |
| LONGITUDE = 104°40'49.27" (104.680353) | LONGITUDE = 104°40'46.21" (104.679503) | LONGITUDE = 104°42'50.26" (104.713961) | LONGITUDE = 104°42'51.98" (104.714439) |
| STATE PLANE NAD 83 (CO. CEN.) | STATE PLANE NAD 83 (CO. CEN.) | STATE PLANE NAD 83 (CO. CEN.) | STATE PLANE NAD 83 (CO. CEN.) |
| N: 1682834.07 E: 3230465.86 | N: 1682416.87 E: 3230708.96 | N: 1682369.34 E: 3221013.56 | N: 1682368.58 E: 3220878.61 |
| STATE PLANE NAD 27 (CO. CEN.) | STATE PLANE NAD 27 (CO. CEN.) | STATE PLANE NAD 27 (CO. CEN.) | STATE PLANE NAD 27 (CO. CEN.) |
| N: 682826.33 E: 2230619.60 | N: 682409.13 E: 2230862.71 | N: 682361.45 E: 2221167.39 | N: 682360.69 E: 2221032.43 |



UINTAH
ENGINEERING & LAND SURVEYING

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

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|--------------------------|--|----------------------|
| SURVEYED BY: CHAD MEIERS | | DATE: 08-11-17 |
| DRAWN BY: K.B. | | DATE DRAWN: 02-09-15 |
| SCALE: 1" = 1000' | | |

WELL LOCATION PLAT