NOTES: 1. WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINE. 1. WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINE. BASIS OF ELEVATION **EP ENERGY** 1 NAD 83 SECTION LINE SEC. 23 & 22 LATITUDE = 40°12'49.08920"N (40.213636°) LONGITUDE = 110°18'46.21832"W (-110.312838°) SPOT ELEVATION AT THE WEST QUARTER CORNER OF 3 NAD 83 QUARTER SECTION LINE SEC. 22 ALL BEARINGS AND DISTANCES ARE MEASURED LINESS OTHERWISE NOTED BEARINGS ARE DERIVED FROM G.P.S. OBSERVATIONS AND EQUIPMENT THE GENERAL LAND OFFICE G.L.O. PLAT WAS USED FOR REFERENCE SECTION 23, T3S, R4W, U.S.B.&M. NAVD 88 DATUM USING THE LATITUDE = 40°12'49.36239"N (40.213712°) LONGITUDE = 110°19'20.53291"W (-110.322370°) UTAH REFERENCE NETWORK SYSTEM. SAID ELEVATION IS WELL LOCATION PLAT NAD 27 LATITUDE = 40°12'49.24210"N (40.213678°) THE BASIS OF BEARING IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT THE SOUTHEAST NAD 27 LATITUDE = 40°12'49.51557"N (40.213754°) 5913.73 FEET CORNER OF SECTION 18, T.3S, R.4W., U.S.B.&M. LOCATED AT LAT 40°12'47.028'44"N AND LON 110°22'12.26286"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED LONGITUDE = 110°18'43.66101"W (-110.312128°) LONGITUDE = 110°19'17.97529"W (-110.321660°) WELL: GRIZZLY RIDGE 15/16-22/21-C4-1H BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER UTM NAD 83 ZONE 12 UTM NAD 83 ZONE 12 NORTHING = 4,451,697.730 (m) EASTING = 557,661.772 (m) SECTION CORNER COORDINATES ARE SHOWN IN NAD 83. EASTING = 558.472.939 (m) FOUND RED CAP 40.227826°N (2) NAD 83 EAST SIXTEENTH SECTION LINE SEC. 22 LATITUDE = 40°12'49.75904"N (40.213822°) (4) NAD 83 WEST SIXTEENTH SECTION LINE SEC. 22 S89° 34' 59"E 2659.68' N88° 08' 39"E 2663.07' 110.331944°W N88° 04' 10"E 2664.60' LATITUDE = 40°12'48.96517"N (40.213601°) LONGITUDE = 110°19'37.68326"W (-110.327134°) N89° 25' 16"E 2667.50' N89° 21' 45"E 2664.39' LONGITUDE = 110°19'03.37626"W (-110.317605°) FOUND NAD 27 LATITUDE = 40°12'49.91209"N (40.213864° 1914 GLO BRASS CAP GLO BRASS CAP LATITUDE = 40°12'49.11848"N (40.213644°) FOLIND GLO BRASS CAP FOLIND LONGITUDE = 110°19'00.81879"W (-110.316894°) 40 228069°N 40.228301°N LONGITUDE = 110°19'35.12548"W (-110.326424°) 2015 DUCHESNE COUNTY UTM NAD 83 ZONE 12 NORTHING = 4.451.713.067 (r 110 312880°W 110.303357°W ALUMINUM CAP ALUMINUM CAP UTM NAD 83 ZONE 12 40.227747°N 110.341483°W NORTHING = 4,451,682.398 (m) EASTING = 557,256.478 (m) 40.227675°N EASTING = 558,067.213 (m) 110.351033°W NAD 83 (SURFACE LOCATION) LATITUDE = 40°12'46.54359"N (40.212929°) 5 NAD 83 EAST SIXTEENTH SECTION LINE SEC. 16 LATITUDE = 40°12'48.38059"N (40.213439°) LONGITUDE = 110°18'41.89911"W (-110.311639°) LONGITUDE = 110°20'11.98411"W (-110.336662°) NAD 27 (SURFACE LOCATION) LATITUDE = 40°12'48 53417"N (40 213482°) LATITUDE = 40°12'46.69639"N (40.212971°) LONGITUDE = 110°20'09.42602"W (-110.335952°) LONGITUDE = 110°18'39.34186"W (-110.310928°) UTM NAD 83 ZONE 12 NORTHING = 4,451,658.270 (m) UTM NAD 83 ZONE 12 (SURFACE LOCATION) EASTING = 556,445.835 (m) EASTING = 558,575.642 (m) (6) NAD 83 QUARTER SECTION LINE SEC. 16 LATITUDE = 40°12'48.19323"N (40.213387°) NAD 83 (FIRST TAKE POINT) LONGITUDE = 110°20'29.13451"W (-110.341426°) LATITUDE = 40°12'50.11488"N (40.213921°) T3S R4W LONGITUDE = 110°18'47.95866"W (-110.313322°) LATITUDE = 40°12'48.34694"N (40.213430°) LONGITUDE = 110°20'26.57627"W (-110.340716°) U.S.B.&M. T3S R4W NAD 27 (FIRST TAKE POINT) GLO BRASS CAP UTM NAD 83 ZONE 12 NORTHING = 4,451,649.474 (m) T3S R4W LATITUDE = 40°12'50.26781"N (40.213963°) LONGITUDE = 110°18'45.40133"W (-110.312611°) FOLIND U.S.B.&M GLO BRASS CAP U.S.B.&M EASTING = 556.040.489 (m 2012 DUCHESNE COUNTY 40.220652°N ALUMINUM CAP 110.331911°W UTM NAD 83 ZONE 12 (FIRST TAKE POINT) 7 NAD 83 WEST SIXTEENTH SECTION LINE SEC. 16 110.350988°W LATITUDE = 40°12'48.00515"N (40.213335°) EASTING = 558,431.557 (m) 2609.42 LONGITUDE = 110°20'46.28545"W (-110.346190°) NAD 83 (ANGLE POINT) LATITUDE = 40°12'48.56724"N (40.213491°) LATITUDE = 40°12'48.15900"N (40.213378°) LONGITUDE = 110°20'43.72705"W (-110.345480°) LONGITUDE = 110°19'54.83351"W (-110.331898°) NAD 27 (ANGLE TAKE POINT) NORTHING = 4.451.640.677 (m) EASTING = 555,635.129 (m) LATITUDE = 40°12'48.72068"N (40.213534°) .90 LONGITUDE = 110°19'52.27558"W (-110.331188°) ° N UTM NAD 83 ZONE 12 (ANGLE TAKE POINT) GLO PIPE FOUND 5/8' WITH NO CAP CALCULATED USING OTHER SURVEYS 40.213892°N 110.303341°W REBAR EASTING = 556,851.186 (m) 40.213930°N 40.2134913°N S88°14'25"W - 5191.95' 110.312839°W NAD 83 (BOTTOM OF HOLE) MONI IMENT SPIKE (TO ANGLE POINT HOLE) N89°44'20"W - 2649 89 S89°09'49"W - 5189.23' LATITUDE = 40°12'47.83555"N (40.213288°) (TO BOTTOM OF HOLE) 110.350955°W LONGITUDE = 110°21'01.69673"W (-110.350471°) S89°09'50"W - 2662.13' N52°29'08"W N88°31'49"E - 2663.61 N87°57'54"E - 2663.40' (4) CALCULATED USING 593.12' S89°09'47"W - 2662.10' (CALC.) NAD 27 (BOTTOM OF HOLE) LATITUDE = 40°12'47.98952"N (40.213330°) OTHER SURVEYS 363' GRIZZLY RIDGE -135' 40.213747°N 110.322370°W FOUND DUCHESNE COUNTY 15/16-22/21-C4-1H Elev. Ungraded Ground = 5,918.3' LONGITUDE = 110°20'59.13820"W (-110.349761°) 40.213387°N 110.341426°W Elev. Graded UTM NAD 83 ZONE 12 (BOTTOM OF HOLE) Ground = 5.918.2' NORTHING = 4,451,632.773 (m EASTING = 555,270.886 (m) N88°47'38"E **LEGEND** N89°25'23"E - 1332.58' MAL LAND 1331.77' FOUND SECTION CORNER FOUND REBAR FOUND REBAR FOUND REBAR 40 209831°N 40.209866°N 40.209755°N 110.336644°W 110.341413°W 110.346179°W 2 LOUIS A. CALCULATED POINT PENCE . 22 21 **FOUND 1914** FOUND DUCHESNE PROPOSED WELL HEAD No. 5918405 GLO BRASS CAP T3S, R4W, T3S, R4W, 23 40.206737°N 110.312830°W ALUMINUM CAP 2003 FOUND 1914 GLO PROPOSED FIRST TAKE POINT U.S.B.&M. U.S.B.&M. 40.206310°N 110.331894°W T3S, R4W, ATE OF UTA 40.206088°N U.S.B.&M. N88°17'45"E - 2663.94 ■ PROPOSED ANGLE POINT 110.350937°W FOUND 5/8 N88°17'47"E - 2664.63' S89°23'12"W - 2657.36 S88°50'29"W - 2663.84' FOUND REBAR O PROPOSED BOTTOM HOLE 40.206523°N CERTIFICATE THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM THE FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR 110.341405°W DRILLING UNIT **BOUNDARY LINE** UNDER MY SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF PROFESSIONAL LAND SURVEYOR, UTAH PLS #5918405 FOUND REBAR 40.202637°N 110.341399°W OUTLAW S89°21'47"W - 1338.03' 1200 FOUND REBAR ENGINEERING INC. 40.202677°N 4 P.O. BOX 1800 110.336610°W UTE TRIBAL MINERAL TRACT ROOSEVELT, UTAH 84066 HORIZONTAL **FOUND 1914** FOUND 1914 GLO BRASS CAP GLO BRASS CAL **FOUND 1914** FOUND 1922 GLO GLO BRASS CAP 40.199339°N DUCHESNE FOUND DUCHESNE COUNTY 40.199550°N WELL LOCATION PLAT COUNTY BRASS CAP 110.303343°W ATE SURVEYED: SEPT. 23, 2021 ALUMINUM CAP 2012 ALLIMINUM CAF 40.199122°N 110.322354°W URVEYED BY: SY SHEET NO 40.199009°N WELL: GRIZZLY RIDGE 15/16-22/21-C4-1H N89°47'06"W - 2646.71' 110.350940°W N88°18'40"E - 2666.32' RAWN: SEPT. 28, 2021 N88°16'42"E - 2666.65' WELL PAD LOCATION: NW 1/4 OF THE NW 1/4 SECTION 23, RAWN: L.C.S. S89°05'22"W - 2661.51 N89°02'09"E - 2661.30' T.3S, R.4W, U.S.B.&M, DUCHESNE COUNTY, UTAH SCALE: 1" = 120