

T6N, R92W, 6th P.M.

QUICKSILVER RESOURCES, INC.

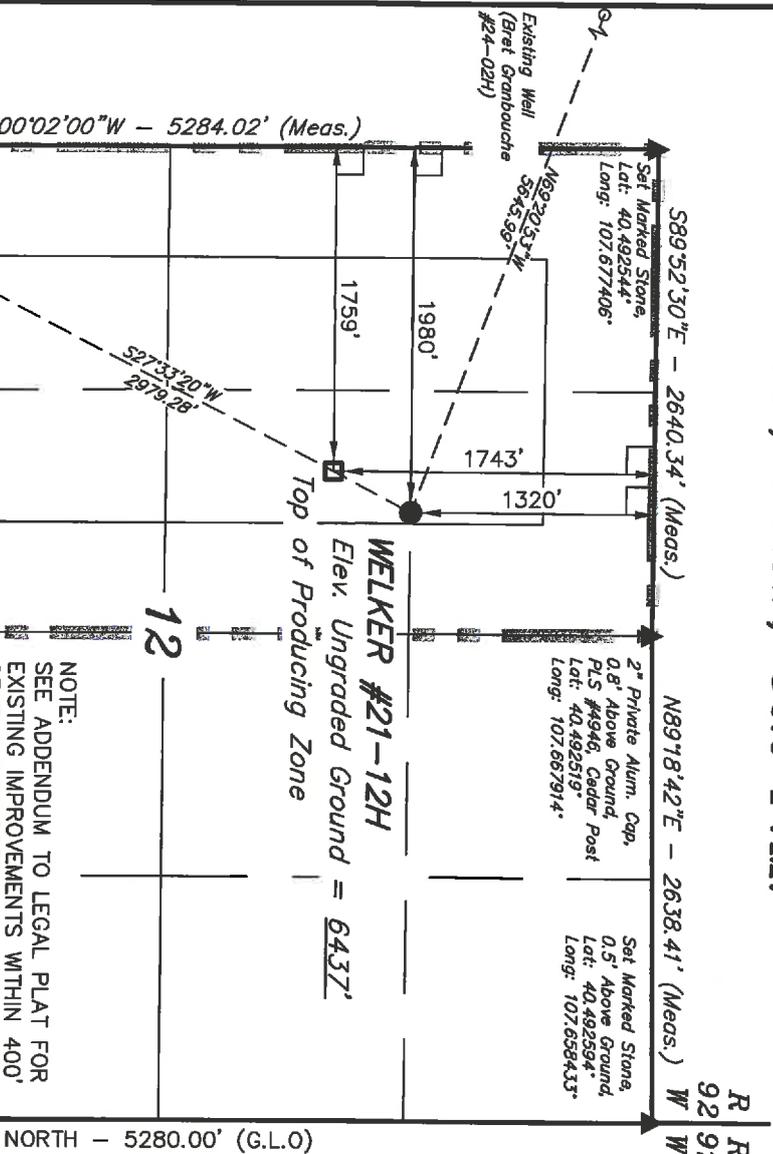
Well location, WELKER #21-12H, located as shown in the NE 1/4 NW 1/4 of Section 12, T6N, R92W, 6th P.M., Moffat County, Colorado.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 10, T6N, R93W, 6th. P.M., TAKEN FROM THE HORSE GULCH QUADRANGLE, COLORADO, MOFFAT COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6246 FEET.

BASIS OF BEARINGS

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



NOTE:
SEE ADDENDUM TO LEGAL PLAT FOR EXISTING IMPROVEMENTS WITHIN 400' OF THE PROPOSED DISTURBANCE.

NOTE:
THE NEAREST WELL (BRET GRANBOUCHE #24-02H) WITH BOTTOM HOLE IN THE SAME FORMATION (NIOBARARA) IS LOCATED IN THE SE 1/4 SW 1/4 OF SECTION 2, T6N, R92W, 6th P.M. AT A DISTANCE OF 66.4' FSL 1983' FWL. IT BEARS N69°20'53"W 5845.99' FROM THE PROPOSED WELL HEAD.

2012 UELS Alum. Cop.
0.2' Below Ground.
Lat: 40.478044
Long: 107.677422

1994 Private Alum. Cop.
1.0' Above Ground.
Lat: 40.478017
Long: 107.667931

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

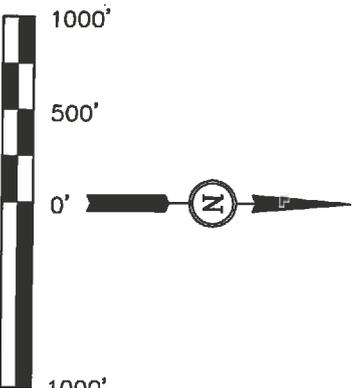
NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°28'53.96" (40.481661)	LATITUDE = 40°29'20.05" (40.488903)
LONGITUDE = 107°40'30.94" (107.675261)	LONGITUDE = 107°40'13.06" (107.670294)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°28'54.08" (40.481689)	LATITUDE = 40°29'20.15" (40.488931)
LONGITUDE = 107°40'28.69" (107.674656)	LONGITUDE = 107°40'10.81" (107.669669)
STATE PLANE NAD 83	STATE PLANE NAD 83
N: 1428731.00 E: 2394957.71	N: 1428334.53 E: 2396403.48
STATE PLANE NAD 27	STATE PLANE NAD 27
N: 425729.94 E: 1395115.59	N: 428333.47 E: 1396561.33

PDOP = 1.3

NORTH - 5280.00' (G.L.O.)

REVISED: 04-10-12

UNTAH ENGINEERING & LAND SURVEYING
86 SOUTH 200 EAST - VERNAL, UTAH 84078
(436) 789-1017



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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 17422
STATE OF COLORADO
04-10-12

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	02-15-12	02-23-12

PARTY	REFERENCES
G.M. T.B. M.D.	G.L.O. PLAT
WEATHER	FILE
COOL	QUICKSILVER RESOURCES, INC