

T34S, R9W, 6th P.M.

SGOMI

Well location, KOBLITZ 3409 #33-1H, located as shown in the SW 1/4 SW 1/4 of Section 33, T34S, R9W, 6th P.M., Harper County, Kansas.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 22, T33S, R7W, 5th P.M. TAKEN FROM THE ANTHONY, QUADRANGLE, KANSAS, HARPER COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 1348 FEET.

BASIS OF BEARINGS

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

LEGEND:

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



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.

Robert Spahr
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. N 5587
 STATE OF KANSAS 8-12

REVISED: 07-05-12

UNTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	5-23-12	06-05-12
PARTY	REFERENCES	
J.P. B.L. C.A.G.	G.L.O. PLAT	
WEATHER	FILE	
HOT	SGOMI	

5/8" Rebar W/2" Alum.
 Cap, 0.4' Below Ground
 NAD 27 Kansas South
 N: 139874.29
 E: 2060684.73

N89°24'12"W - 2695.78' (Meas.)



N00°37'05"W - 2646.99' (Meas.)

1/2" Rebar,
 0.9' Below Ground
 NAD 27 Kansas South
 N: 137227.48
 E: 2060724.20

N00°37'43"W - 2647.91' (Meas.)

Found White Stone,
 Set 5/8" Rebar
 W/Alum. Cap.
 NAD 27 Kansas South
 N: 137234.85
 E: 2058031.46

N89°36'23"W - 2692.64' (Meas.)

330' SETBACK

UNIT BOUNDARY

KOBLITZ 3409 #33-1H
 Elev. Ungraded Ground = 1248'

See Detail "A"
 @ Above Right

T34S
 T35S

N89°46'11"W - 2690.09' (Meas.)

Concrete Block,
 1.0' Below Ground
 NAD 27 Kansas South
 N: 134579.45
 E: 2058073.97

1/2" Square rod
 0.2' Below Ground
 NAD 27 Kansas South
 N: 139908.16
 E: 2055291.65

N89°26'45"W - 2697.20' (Meas.)

Bottom Hole

N00°46'32"W - 2664.20' (Meas.)

Set 5/8" Rebar W/Alum.
 Cap, 0.6' Below Ground
 NAD 27 Kansas South
 N: 137242.26
 E: 2055338.68

N89°36'20"W - 2692.68' (Meas.)

4161.23'

N00°46'32"W - 2664.20' (Meas.)

Formation Entry

N00°40'52"W - 2655.62' (Meas.)

N89°47'12"W - 2688.14' (Meas.)

Concrete Block,
 1.0' Below Ground
 NAD 27 Kansas South
 N: 134578.35
 E: 2055385.72

NAD 83 (#33-1H TARGET BOTTOM HOLE)	NAD 83 (#33-1H FORMATION ENTRY)	NAD 83 (#33-1H SURFACE LOCATION)
LATITUDE = 37°02'59.48" (37.049856)	LATITUDE = 37°02'18.34" (37.038428)	LATITUDE = 37°02'13.34" (37.037039)
LONGITUDE = 98°18'35.11" (98.309753)	LONGITUDE = 98°18'34.31" (98.309531)	LONGITUDE = 98°18'26.20" (98.307278)
NAD 27 (#33-1H TARGET BOTTOM HOLE)	NAD 27 (#33-1H FORMATION ENTRY)	NAD 27 (#33-1H SURFACE LOCATION)
LATITUDE = 37°02'59.38" (37.049828)	LATITUDE = 37°02'18.25" (37.038403)	LATITUDE = 37°02'13.25" (37.037014)
LONGITUDE = 98°18'33.86" (98.309406)	LONGITUDE = 98°18'33.06" (98.309183)	LONGITUDE = 98°18'24.94" (98.306928)
STATE PLANE NAD 27 (KANSAS SOUTH)	STATE PLANE NAD 27 (KANSAS SOUTH)	STATE PLANE NAD 27 (KANSAS SOUTH)
N: 139574.28 E: 2055627.57	N: 135473.52 E: 2055701.04	N: 134909.15 E: 2056359.97