

BERRY PETROLEUM COMPANY

BASIS OF ELEVATION

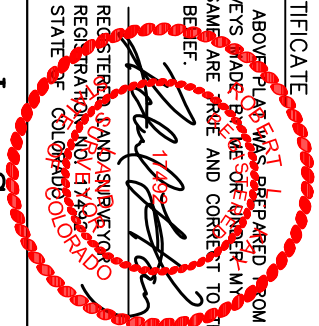
BASIS OF BEARINGS

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



REGISTERED LAND SURVEYOR
REGISTRATION NO. 17492
STATE OF COLORADO

UNTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017



LINE TABLE		
LINE	BEARING	LENGTH
L1	N00°02.02"E	718.08'
L2	S82°56.03"E	1065.72'

▲ = SECTION CORNERS LOCATED.

PDOP = 2.1			
NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 39.32.37.14" (39.545650)		LATITUDE = 39.32.38.44" (39.544011)	
LONGITUDE = 108.05.32.00" (108.092222)		LONGITUDE = 108.05.45.50" (108.095972)	
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 39.32.37.22" (39.543671)		LATITUDE = 39.32.38.52" (39.544033)	
LONGITUDE = 108.05.29.72" (108.091589)		LONGITUDE = 108.05.46.22" (108.095339)	

SCALE	1" = 1000'	DATE SURVEYED:	DATE DRAWN:
PARTY	D.R. R.R. D.R.B.	09-02-09	09-12-06
WEATHER	WARM	REFERENCES	BERRY PETROLEUM COMPANY
		G.L.O. PLAT	
		FILE	