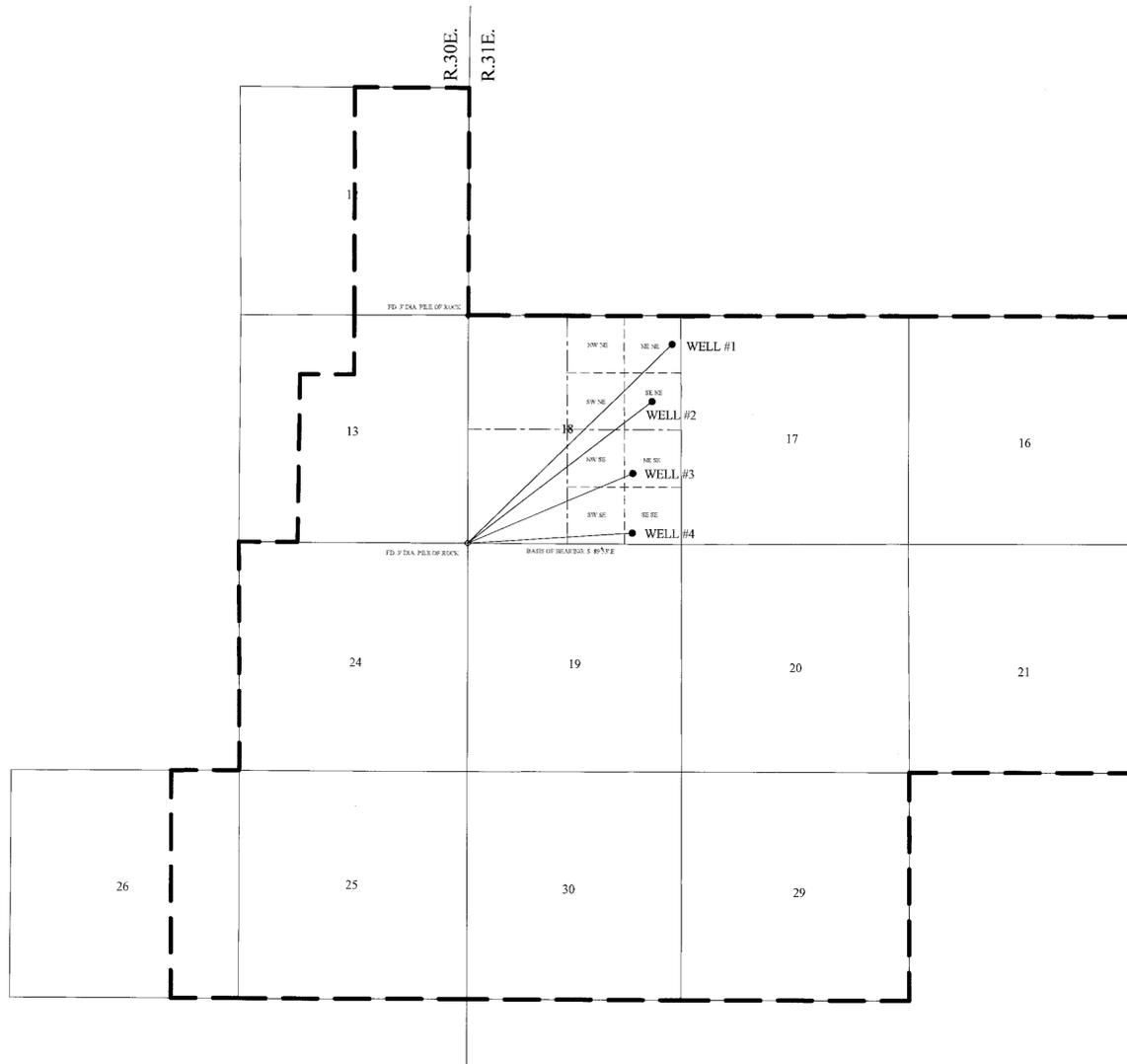


T.5N., R.30 & 31E. M.D.B.&M.



● PROPOSED POINTS OF DIVERSION  
 - - - - - PROPOSED PLACE OF USE

PROPOSED POINTS OF DIVERSION BEARING & DISTANCE TABLE		
WELL NAME	BEARING	DISTANCE
WELL #1	S. 45° 29' 19" W.	6,608.66'
WELL #2	S. 52° 10' 15" W.	5,388.68'
WELL #3	S. 66° 45' 21" W.	4,154.94'
WELL #4	S. 66° 07' 22" W.	3,816.65'

BASIS OF BEARING: South line of Section 18, T.5N., R.31E. M.D.B.&M. which bears S. 89°53' E. per Surveyor General Office Township Survey dated April 13, 1881

MAHANNAH & ASSOCIATES, LLC  
 P.O. BOX 2494  
 RENO, NV 89505  
 (775) 323-1804  
 chris@gbis.com

STATE OF NEVADA }  
 COUNTY OF WASHOE } SS

I, CHRIS C. MAHANNAH, P.E., BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS APPLICATION MAP CONSISTING OF ONE SHEET WAS PREPARED UNDER MY DIRECTION FROM A SURVEY CONDUCTED ON OCTOBER 8, 2008 & HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM SURVEYING CALCULATION NOTES PREPARED BY ME, OR UNDER MY SUPERVISION AND DIRECTION RELYING UPON ANALYSIS OF USDOI BLM SURVEY MAPS AND OTHER RECORDED SURVEYING DOCUMENTS IN THE OFFICE OF THE STATE ENGINEER; THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED POINTS OF DIVERSION & PLACE OF USE FROM AND UNDERGROUND SOURCE IN MINERAL COUNTY, NEVADA BY HAWTHORNE GEOTHERMAL, LLC FOR INDUSTRIAL PURPOSES.

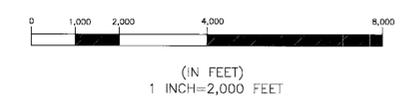


CHRIS C. MAHANNAH, P.E., License #976 DATE 10/15/08

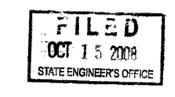
SUBSCRIBED AND SWORN TO BE BEFORE ME THIS 15<sup>th</sup> DAY OF OCTOBER 2008, NOTARY PUBLIC IN AND FOR WASHOE COUNTY, NEVADA.

MY COMMISSION EXPIRES: April 19, 2010

Brittini Christiansen  
 NOTARY PUBLIC



STATE ENGINEER'S USE



MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATER FOR INDUSTRIAL USE

BY : HAWTHORNE GEOTHERMAL, LLC  
 FROM : AN UNDERGROUND SOURCE  
 IN : MINERAL COUTNY, NV

77495 77494 77493 77492