

24 MARCH 1993

TO: JIM LAUGHLIN

FROM: MURPHY MUSICK - ITR GEODETIC SURVEY DEPT. *m.m*

SUBJECT: WATER WELL DATA REVIEW AND FIELD LOCATION

THIS OFFICE WAS TASKED TO REVIEW EXISTING DATA PERTAINING TO WATER WELLS ON FORT HUACHUCA AND TO PERFORM FIELD RECONNAISSANCE TO VERIFY THEIR LOCATION.

THE ATTACHED DATA REPRESENTS THE RESULTS OF OUR INFORMAL SURVEY CONDUCTED BY VISITING ALL WELL SITES AND PLOTTING THEIR LOCATIONS ON LOCAL MAPS TO DETERMINE THEIR APPROXIMATE POSITION.

THERE WERE SEVERAL "LOCAL NAME" CHANGES; THE CORRECTED NAMES WERE TAKEN FROM THE "INVENTORY OF WATER USES" REPORT THAT YOU SUPPLIED. ALSO, THERE WERE SEVERAL "LATITUDE AND LONGITUDE" CORRECTIONS BASED ON OUR FIELD RECONNAISSANCE.

ALL OTHER DATA FIELDS APPEAR TO BE CORRECT. WE INCLUDED UTM NORTHING AND EASTING DATA.

WE CHOSE NOT TO DO FORMAL SURVEYS BECAUSE THE WELLS WERE INACCESSIBLE, AND FROM YOUR DIRECTIONS, THAT ACCURACY WAS NOT REQUIRED.

IF WE CAN BE OF FURTHER ASSISTANCE, PLEASE FEEL FREE TO CALL US.

*Fox*  
*MAJ*  
*GRAHAM*  
*George*

USF200003239

WELL ID: 55-626101  
LOCAL NAME: SPATIAL RESOLUTION  
LATITUDE: 31 35 48 } needs to be corrected  
LONGITUDE: 110 18 24 } needs to be corrected  
CADASTRAL: D 21 20 22 BBC } needs to be corrected  
NORTHING: 3495740 ? } needs to be corrected  
EASTING: 565780 } needs to be corrected  
REMARKS: LOCATION SCALED FROM MAPS, NAD 27, UTM ZONE 12

corrected

WELL ID: 55-626102  
LOCAL NAME: GW - WELL #9  
LATITUDE: 31 29 07  
LONGITUDE: 110 19 40  
CADASTRAL: D 22 20 29 DDB  
NORTHING: 3483380  
EASTING: 563850  
REMARKS: LOCATION SCALED FROM MAPS, NAD 27, UTM ZONE 12

OK

NWSESE 29 22 S 20 E

WELL ID: 55-626103  
LOCAL NAME: WR2 - REMBASS #2  
LATITUDE: ~~31 35 53~~ } needs to be redone 31 35 54.06  
LONGITUDE: ~~110 16 37~~ } needs to be redone 110 16 37.56  
CADASTRAL: ~~D 21 20 23 ABA~~ } needs to be redone D 21 20 14 DDC  
NORTHING: 3495920 } needs to be redone  
EASTING: 568600 } needs to be redone  
REMARKS: LOCATION SCALED FROM MAPS, NAD 27, UTM ZONE 12

corrected

4420' elev

WELL ID: 55-626104  
LOCAL NAME: WR1 - REMBASS #1  
LATITUDE: 31 34 42  
LONGITUDE: 110 16 45  
CADASTRAL: D 21 20 26 ACA  
NORTHING: 3493735  
EASTING: 568410  
REMARKS: LOCATION SCALED FROM MAPS, NAD 27, UTM ZONE 12

OK

NESWNE 26 21 S 20 E

WELL ID: 55-626105  
LOCAL NAME: W8 - WELL #8  
LATITUDE: 31 36 34  
LONGITUDE: 110 18 36  
CADASTRAL: D 21 20 16 ADA  
NORTHING: 3497170  
EASTING: 565450  
REMARKS: LOCATION SCALED FROM MAPS, NAD 27, UTM ZONE 12

OK

NESENE 16 21 S 20 E

WELL ID: 55-626108  
LOCAL NAME: W7 - WELL #7  
LATITUDE: 31 35 51  
LONGITUDE: 110 18 24  
CADASTRAL: D 21 20 22 BBB  
NORTHING: 3495860

OK

NW NW NW 22 21S 20E

EASTING: 565770

REMARKS: LOCATION SCALED FROM MAPS, NAD 27, UTM ZONE 12

WELL ID: 55-626107  
LOCAL NAME: W6 - WELL #6  
LATITUDE: 31 33 43  
LONGITUDE: 110 18 54  
CADASTRAL: D 21 20 33 DBB  
NORTHING: 3491900  
EASTING: 565010

OK

NW NW SE 33 21S 20E

REMARKS: LOCATION SCALED FROM MAPS, NAD 27, UTM ZONE 12

WELL ID: 55-626108  
LOCAL NAME: W5 - WELL #5  
LATITUDE: 31 34 25  
LONGITUDE: 110 19 08  
CADASTRAL: D 21 20 28 CAC  
NORTHING: 3493200  
EASTING: 564630

OK

SW NE SW 28 21S 20E

REMARKS: LOCATION SCALED FROM MAPS, NAD 27, UTM ZONE 12

WELL ID: 55-626109  
LOCAL NAME: W4 - WELL #4  
LATITUDE: 31 34 03  
LONGITUDE: 110 18 44  
CADASTRAL: D 21 20 33 ABA  
NORTHING: 3492510  
EASTING: 565260

OK

NE NW NE 33 21S 20E

REMARKS: LOCATION SCALED FROM MAPS, NAD 27, UTM ZONE 12

WELL ID: 55-626110  
LOCAL NAME: W3 - WELL #3  
LATITUDE: 31 33 42  
LONGITUDE: 110 18 35  
CADASTRAL: D 21 20 33 DAB  
NORTHING: 3491880  
EASTING: 565520

OK

NW NE SE 33 21S 20E

REMARKS: LOCATION SCALED FROM MAPS, NAD 27, UTM ZONE 12

WELL ID: 55-626111  
LOCAL NAME: W2 - WELL #2  
LATITUDE: 31 33 13  
LONGITUDE: 110 18 30  
CADASTRAL: D 22 20 03 BBB  
NORTHING: 3490980  
EASTING: 565650

OK

NWNNWNW 03 22S 20E

REMARKS: LOCATION SCALED FROM MAPS, NAD 27, UTM ZONE 12

WELL ID: 55-626112  
LOCAL NAME: W1 - WELL #1  
LATITUDE: 31 33 13  
LONGITUDE: 110 18 28  
CADASTRAL: D 22 20 03 BBB  
NORTHING: 3490990  
EASTING: 565690

OK

NWNNWNW 03 22S 20E

REMARKS: LOCATION SCALED FROM MAPS, NAD 27, UTM ZONE 12

WELL ID: 55-626113  
LOCAL NAME: ERB- EAST RNG BUNKER  
LATITUDE: 31 37 26  
LONGITUDE: 110 15 06  
CADASTRAL: D 21 21 07 BDB  
NORTHING: 3498795  
EASTING: 570978

OK

NWSENNW 07 21S 21E

REMARKS: LOCATION SCALED FROM MAPS, NAD 27, UTM ZONE 12