

WELL CONSTRUCTION LOG W. Gillion

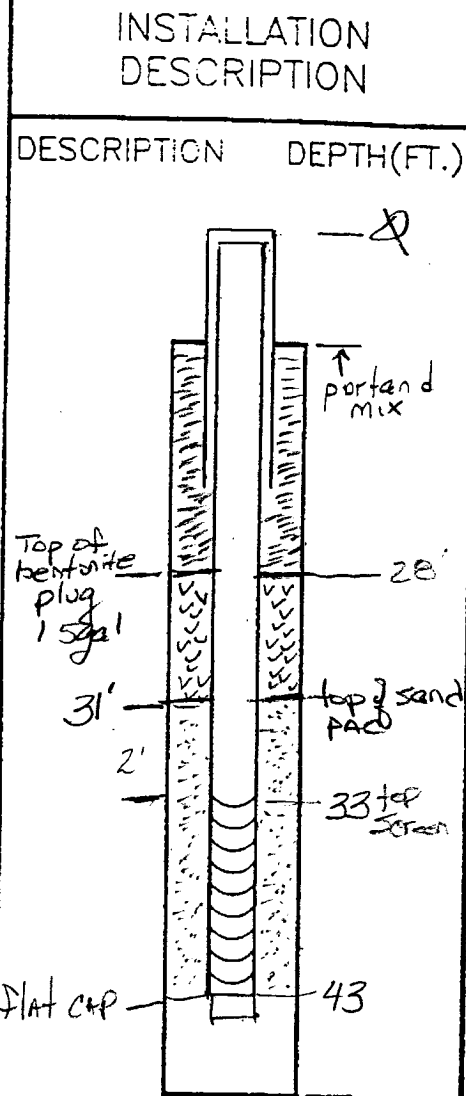
50082

WELL LOCATION GRENADE Co

DATE INSTALLED 9/30/10

TYPE OF WELL 2" PVC SCH 40

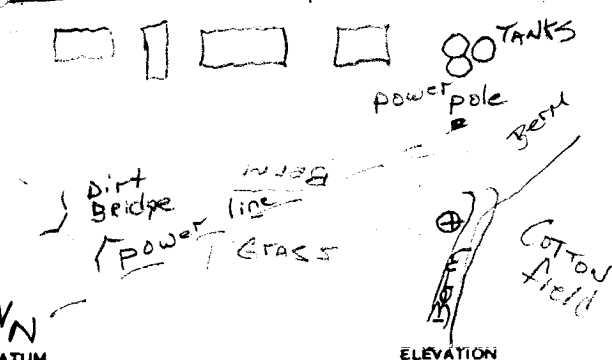
1. HEIGHT OF CASING ABOVE GROUND FLUSH
2. WATER SURFACE ELEV. _____
- a) DEPTH TO SATURATED ZONE 35'±
3. TOP OF CASING ELEV. _____
4. PROTECTIVE CASING YES NO _____
- a) CASING LENGTH 43'
5. LENGTH OF SCREEN 10'±
6. SIZE/TYPE OF SCREEN .010 slotted
7. LENGTH OF SUMP _____
8. TOTAL DEPTH OF BORING 43' HOLE DIAMETER 8"
9. SCREENED INTERVAL 43' to 33'
10. TYPE OF SCREEN FILTER PACK COARSE SAND
QUANTITY USED 4 1/2 SIZE 20/30 U/C _____
11. DEPTH TO TOP OF FILTER 31'
12. TYPE OF SEAL bentonite PELLETS
QUANTITY USED 1 5 gal bucket
13. DEPTH TO TOP OF SEAL 28'
14. TYPE OF GROUT Portland Cement
GROUT MIXTURE 3/1 to 1 bentonite
METHOD OF PLACEMENT pumped
15. COMMENTS _____



Well started blowing sand at 33-38 went 1 more 5' run to prevent lock-up in auger, initial WL in auger had 7' in Auger @ 43' (WL = 36.5 bls)

10 SAT ⇒ LAT 33° 46' 13" LONG 089° 42' 52" -089.71470 33.11000 J0082

LOCATION OF BORING Hwy 8 6m. To Grenada	JOB NO. CELL 2	CLIENT Mr Gillion	LOCATION Grenada Co.
DRILLING METHOD: Hollow stem		BORING NO.	
SAMPLING METHOD: 5' interval desc. IN AUGER		SHEET 1 OF 1	
WATER LEVEL 36.5	TIME	START TIME	FINISH TIME
DATE 9/30/10		DATE 9/30/10	DATE 9/30/10
CASING DEPTH 33	SURFACE CONDITIONS: cool, sunny, nice.		



DRILLING CONTR. TRI-STATE TESTING

BY M. MANNING DATE 9/30/10 CHK'D BY

SAMPLER TYPE	INCHES DRIVEN / INCHES RECOVERED	DEPTH OF CASING	SAMPLE NO. / SAMPLE DEPTH	BLOWS/FT. SAMPLER	VAPOR CONCENTRATIONS (PPM)	DEPTH IN FEET	SOIL GRAPH	DESCRIPTION
						0		0-3, silt, sandy soil light brownish 10YR 4/6 slightly mottled @ 3ft w/ light grey clay 10YR 6/2 dry-loose
						2	DRY	3-8 silty clay, mostly silt light brownish tan, turns to darker brown 10YR 3/4 some organics, loose, dry crumbles.
						4	MOIST	8-13 same as above to 10ft then changes to mostly clay, mottled 7.5YR 4/6 w/ med grey moist
						6	MOIST	13-18' clay brownish red to 14-15' then @ 17ft changes to reddish brown sandy clay tip has greyish sand moist, mostly
						9	DRY	18-23' top 1-2ft is reddish clay-sand as above, then fine grained sand @ 21' & sand is 8.75YR 3/3 with some pinkish bands, dry sand white sand
						2	DRY / MOIST	23-28' mostly sand-white, then brownish tan then changes to yellowish br. orange @ 27' dry-loose, med. grained sand with mica, flakes dry to moist
						4		28-33 sand, loose yellowish orange, - 1 band of dark brown organics @ 30' dry forming light @ 32' 2.5YR 4/6
						6	WET 35'	33-38' yellowish orange brown sand med grained 2.5YR 4/8, clay-light grey lense @ 35', then coarse grained sand wet @ 37', blew in 3ft,
						8		38-43 coarse wet sand 10YR 7/3 38'-43 then coarse wet sand 7.5YR 4/8 to 43
						0		Set 43'