

# WELL CONSTRUCTION LOG

YALOBUSHA Co

C 0089    MR INGRAM    Cell 4

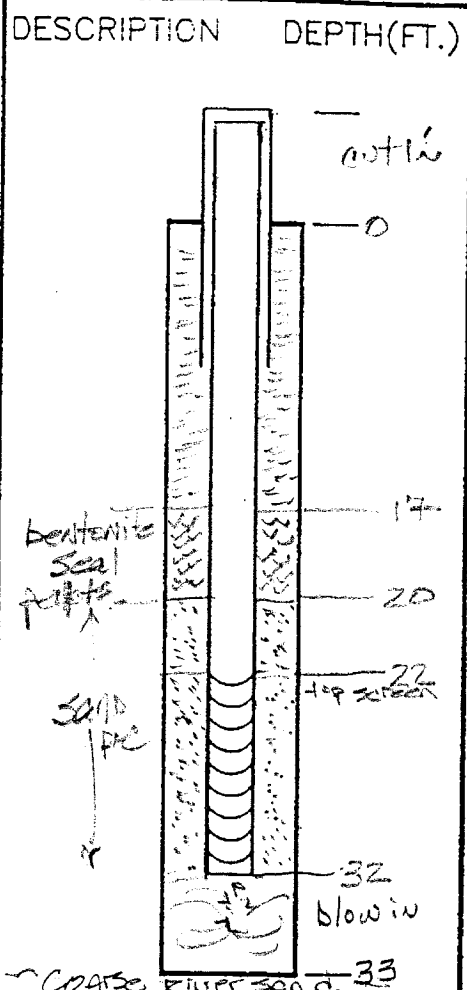
WELL LOCATION YALOBUSHA Co.

DATE INSTALLED 4/28/10

TYPE OF WELL 2" PVC

1. HEIGHT OF CASING ABOVE GROUND FLUSH
2. WATER SURFACE ELEV. \_\_\_\_\_
- a) DEPTH TO SATURATED ZONE 18'
3. TOP OF CASING ELEV. \_\_\_\_\_
4. PROTECTIVE CASING (YES) NO
- a) CASING LENGTH 32.5'
5. LENGTH OF SCREEN 10 ft
6. SIZE\TYPE OF SCREEN .010 SLOTTED
7. LENGTH OF SUMP \_\_\_\_\_
8. TOTAL DEPTH OF BORING 33' HOLE DIAMETER 8'
9. SCREENED INTERVAL (collapsed 33-32 1/2) <sup>screen is</sup> 32-22
10. TYPE OF SCREEN FILTER PACK COARSE SAND  
QUANTITY USED 5 bags SIZE 20/30 U/C
11. DEPTH TO TOP OF FILTER ~20'
12. TYPE OF SEAL bentonite pellets  
QUANTITY USED 1 5gal bucket
13. DEPTH TO TOP OF SEAL ~17' ± - 1 5gal
14. TYPE OF GROUT PORTLAND 3 to 1 Bentonite  
GROUT MIXTURE 3/1  
METHOD OF PLACEMENT pumped
15. COMMENTS \_\_\_\_\_

## INSTALLATION DESCRIPTION



After dn to 33' in coarse gray sand, well kept blowing in - sampler stuck, poured 5-10 gal water to increase head, casing not going dn, got all but last 6" dn.

WL after set 4.52 falling, not accurate because of water added

Met Mr Ingram @ SHOP - site is in middle of cotton field (can see Hwy 7)

C0089

VALOBUSHA COLO

LOCATION OF BORING House # 11440 DR 223 COTTON field road COTTON field road Choccalofa Crack LAT: 34° 08' 00" 34.13345 9547. 89° 37' 41" - 89.62809 DATUM ELEVATION VN		JOB NO. CELL #4	CLIENT INGRAM	LOCATION VALOBUSHA CO
DRILLING METHOD: Hollow Stem Auger			BORING NO.	
SAMPLING METHOD: 5ft increments			SHEET 1 OF 1	
IN. AUGER			DRILLING	
WATER LEVEL	15.20		START TIME	
TIME	1045		FINISH TIME	
DATE	9/28/10		DATE	
CASING DEPTH	22'		9/28/10 9/28/10	

DRILLING CONTR. TRI-STATE TESTING

BY M. MARRNING DATE 9/28/10 CHK'D BY

SAMPLER TYPE	INCHES DRIVER	INCHES RECOVERED	DEPTH OF CASING	SAMPLE NO	DEPTH	BLOWS/FT. SAMPLER	WATER CONCENTRATIONS (PPM)	DEPTH IN FEET	SOIL GRAPH	SURFACE CONDITIONS: Farmer pickin Cotton 75° Mild sunny dusty
/	/	/	/	/	/	/	/	0		0-3 soil, silt loam, @ 3' some clay 10yr 4/4 dry - moist @ 3' med brown
/	/	/	/	/	/	/	/	1		
/	/	/	/	/	/	/	/	2		3-8' clay-silt dark br. mottled w orange brown sandy silt turning to sand @ 6 1/2 ft med-fine grained 10yr 9/2 moist
/	/	/	/	/	/	/	/	3		
/	/	/	/	/	/	/	/	4		8-13 clay mottled w/ orange ash br. oxidized silty clay - clay is med gray 7.5/1 5/1
/	/	/	/	/	/	/	/	5		
/	/	/	/	/	/	/	/	6	1/2 wet	13-18' clay mottled wet w/ mottled as above turning to all grey 7.5/1 5/1 clay sand wet @ 17' plastic high
/	/	/	/	/	/	/	/	7		
/	/	/	/	/	/	/	/	8	moist	18-23 grey clay 7.5 5/1 kibbas - moist
/	/	/	/	/	/	/	/	9	wet	23-28' same as above sand-grey @ 26 1/2' wet @ 27' fine grained sand 15 10yr 4/1 @ 27'
/	/	/	/	/	/	/	/	10		
/	/	/	/	/	/	/	/	11		28-33 15 rod + sampler up all wet grey sand 4/1 10yr all wet med-coarse sand, wet last 1ft has greyish silt, clay, sand, mostly sand
/	/	/	/	/	/	/	/	12		
/	/	/	/	/	/	/	/	13		
/	/	/	/	/	/	/	/	14		TD @ 1030 in casing (15.20) Well blew-in 12-13'
/	/	/	/	/	/	/	/	15		having to pound out w/ rod 12-13 ft sand Added water (Auger stem stuck @ 33' in Auger!)
/	/	/	/	/	/	/	/	16		
/	/	/	/	/	/	/	/	17		Well blew back in a lot of pressure - casing in w/ 9' above ground - finally down w/ 10 gal water added.
/	/	/	/	/	/	/	/	18		
/	/	/	/	/	/	/	/	19		
/	/	/	/	/	/	/	/	20		Set @ 32'