

31753  
 OFFICE USE ONLY  
 Log No. 31753  
 Permit No. \_\_\_\_\_  
 Basin 9-108

WELL DRILLER'S REPORT

Please complete this form in its entirety

PRINT OR TYPE ONLY

NOTICE OF INTENT NO. 11062

1. OWNER Weed Heights Development  
 MAILING ADDRESS 100 Burch Drive  
 Yerington, Nevada 89447  
 ADDRESS AT WELL LOCATION None noted

2. LOCATION NE 1/4 SE 1/4 Sec. 8 T. 13 N. S. R. 25 E. Lyon County  
 PERMIT NO. M/O-165 Issued by Water Resources Parcel No. Subdivision Name

3. TYPE OF WORK  
 New Well  Recondition   
 Deepen  Other

4. PROPOSED USE  
 Domestic  Irrigation  Test   
 Municipal  Industrial  Stock  Other

5. TYPE WELL  
 Cable  Rotary   
 Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Boring 1 Log # 31751				
Silty Sand (Fill)		17'	0'	17'
Silty Sand (Native)		25'	17'	8'
Boring 2 Log # 31752				
Silty Sand (Fill)		25'	0'	25'
Boring 3 Log # 31753				
Silty Sand (Fill)		21'	0'	21'
Silty Sand (Native)		30'	21'	9'
See attached logs				

8. WELL CONSTRUCTION  
 Diameter 6 1/2 inches Total depth 80 feet  
 see Litho. log

Casing record PVC  
 Weight per foot \_\_\_\_\_ Thickness \_\_\_\_\_

Diameter	From	To
2 inches	25 feet	0 feet
2 inches	25 feet	0 feet
2 inches	30 feet	0 feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

Surface seal: Yes  No  Type Bentonite/Cement  
 Depth of seal 4 feet  
 Gravel packed: Yes  No   
 Gravel packed from full depth xxx to 4 feet of each well

Perforations:  
 Type perforation slotted every 6"  
 Size perforation 3/64"  
 From 25 feet to 5 feet  
 From 25 feet to 5 feet  
 From 25 feet to 5 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Date started May 18 19 89  
 Date completed May 18 19 89

7. WELL TEST DATA

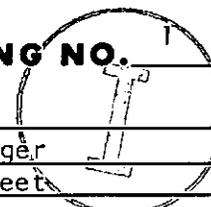
Pump RPM	G.P.M.	Draw Down	After Hours Pump

BAILER TEST

G.P.M. \_\_\_\_\_ Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours  
 G.P.M. \_\_\_\_\_ Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours  
 G.P.M. \_\_\_\_\_ Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours

9. WATER LEVEL  
 Static water level none encountered feet below land surface  
 Flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature \_\_\_\_\_ °F Quality \_\_\_\_\_

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision and the report is true to the best of my knowledge.  
 Name Peter R. Kraatz  
 Contractor  
 Address 2652 Powder Drive Reno, Nv. 89503  
 Contractor  
 Nevada contractor's license number \_\_\_\_\_  
 issued by the State Contractor's Board.  
 Nevada contractor's driller's number \_\_\_\_\_  
 issued by the Division of Water Resources.  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller M1629  
 Signed \_\_\_\_\_  
 By driller performing actual drilling on site or contractor  
 Date 6-13-89



RIG TYPE Truck-Mounted CME-55  
 BORING TYPE 6 1/2" Hollow Stem Auger  
 SURFACE ELEV. Approximately 4400 Feet  
 DATUM Mean Sea Level (assumed)

Depth in Feet	Continuous Penetration Resistance	Graphical Log	Sample	Sample Type	Blows per foot 140 lb. 30" free-fall drop hammer	Dry Density Lbs. per cu. ft.	Moisture Content Per Cent of Dry Wt.	Unified Soil Classification	REMARKS	VISUAL CLASSIFICATION
0								SM	slightly moist to moist	SILTY SAND (FILL) Considerable fine-grained gravel and trace of clay, predominantly well graded, low plasticity, brown.
5			X	s	20			SM	loose to medium dense	
10			X	s	17		20.4		moist medium dense	SILTY SAND (FILL) Predominantly fine-grained sand, nonplastic, gray.
15			X	s	29			SM	slightly moist to moist medium dense	SILTY SAND (FILL) Predominantly fine to medium-grained, nonplastic, red. Note: increased moisture content from 12' to 15'
20			X	u	13	108.9	7.9	SM	slightly moist to moist loose to medium dense	SILTY SAND Predominantly fine to medium-grained, nonplastic, brown.
25			X	s	26					
30										Stopped auger at 25' Stopped Sampler at 26.5'

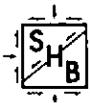
Bulk Sample

'89 JUN 15 A10:24

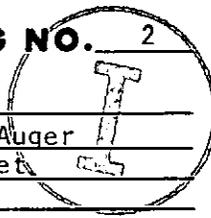
STATE ENGINEERING

GROUND WATER		
DEPTH	HOUR	DATE
	none	

**SAMPLE TYPE**  
 A - Auger cuttings. B - Block sample  
 S - 2" O.D. 1.38" I.D. tube sample.  
 U - 3" O.D. 2.42" I.D. tube sample.  
 T - 3" O.D. thin-walled Shelby tube.



SERGENT, HAUSKINS & BECKWITH



RIG TYPE Truck-mounted CME-55  
 BORING TYPE 6 1/2-inch Hollow Stem Auger  
 SURFACE ELEV. Approximately 4408 Feet  
 DATUM Mean Sea Level (assumed)

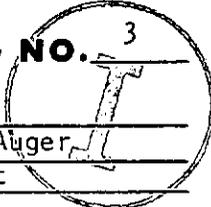
Depth in Feet	Continuous Penetration Resistance	Graphical Log	Sample	Sample Type	Blows per foot 140 lb., 30" free-fall drop hammer	Dry Density Lbs. per cu. ft.	Moisture Content Per Cent of Dry Wt.	Unified Soil Classification	REMARKS	VISUAL CLASSIFICATION
									0	
5			⊗ s	27				medium dense to dense		
10			⊗ s	31		7.6				
15			⊗ s	37			SM			
20			⊗ u	25						
25			⊗ u	45		9.1				
30									Stopped auger at 25' Stopped Sampler at 26.5'	

'89 JUN 15 10:24  
 REGINA E. BECKWITH  
 STATE ENGINEERS OFFICE

GROUND WATER		
DEPTH	HOUR	DATE
	none	

**SAMPLE TYPE**  
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 S - 2" O.D. 1.38" I.D. tube sample.  
 U - 3" O.D. 2.42" I.D. tube sample.  
 T - 3" O.D. thin-walled Shelby tube.


**SERGENT, HAUSKINS & BECKWITH**  
 CONSULTING GEOTECHNICAL ENGINEERS  
 PHOENIX • TUCSON • ALBUQUERQUE • SANTA FE • SALT LAKE CITY • EL PASO • RENO



RIG TYPE Truck-mounted CME-55  
 BORING TYPE 6 1/2-inch Hollow Stem Auger  
 SURFACE ELEV. Approximately 4391 Feet  
 DATUM Mean Sea Level (assumed)

Depth in Feet	Continuous Penetration Resistance	Graphical Log	Sample	Sample Type	Blows per foot 140 lb. 30" free-fall drop hammer	Dry Density Lbs. per cu. ft.	Moisture Content Per Cent of Dry Wt.	Unified Soil Classification	REMARKS	VISUAL CLASSIFICATION
0								SM	slightly moist to moist	SILTY SAND (FILL) Considerable fine-grained gravel and trace of clay, predominantly well graded, angular fine-grained gravel, low plasticity, light brown.
5			u	19				SM	loose to medium dense	
10			u	18					slightly moist to moist	SILTY SAND (FILL) Predominantly fine-grained sand, nonplastic, light gray.
15			s	12		16.6		SM	loose to medium dense	SILTY SAND (FILL) Predominantly fine to medium grained, angular, nonplastic, red.
20			s	31					moist	
25			s	33	117.1	8.1		SM	medium dense to dense	SILTY SAND Predominantly fine-grained with considerable medium-grained sand, subangular to angular, nonplastic, brown.
30			s	48		7.9				
35										Stopped auger at 30' Stopped Sampler at 31.5'

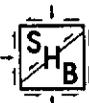
Bulk Sample

'89 JUN 15 A10:24

STATE ENGINEERS

GROUND WATER		
DEPTH	HOUR	DATE
	none	

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