

STATE OF OREGON  
**WATER WELL REPORT**  
 (as required by ORS 537.765)

*DESC 914*

JUN 17 1991  
 WATER RESOURCES DEPT.  
 SALEM, OREGON (START CARD) # 23611

*14S/9E/76-AD*

(1) OWNER: Well Number: \_\_\_\_\_  
 Name **Black Butte Ranch Association**  
 Address **P.O. Box 8000**  
 City **Black Butte Ranch** State **Or.** Zip **97759**

(2) TYPE OF WORK:  
 New Well  Deepen  Recondition  Abandon

(3) DRILL METHOD  
 Rotary Air  Rotary Mud  Cable  
 Other \_\_\_\_\_

(4) PROPOSED USE:  
 Domestic  Community  Industrial  Irrigation  
 Thermal  Injection  Other \_\_\_\_\_

(5) BORE HOLE CONSTRUCTION:  
 Special Construction approval Yes  No  Depth of Completed Well **370** ft.  
 Explosives used Yes  No  Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			Amount sacks or pounds
Diameter	From	To	Material	From	To	
16"	0	287	Undisturbed			
15"	232	353				
12"	353	370				

How was seal placed: Method  A  B  C  D  E  
 Other \_\_\_\_\_  
 Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
 Gravel placed from **-50** ft. to **-353** ft. Size of gravel **1/2 x 3/8**

(6) CASING/LINER:

Casing/Liner	Diameter	From	To	Gauge	Steel		Plastic		Welded		Threaded	
					□	□	□	□	□	□	□	□
Liner:	12"	+1 1/2	-354	.25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) **-354**

(7) PERFORATIONS/SCREENS:  
 Perforations Method **Machine**  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
324	354	1/8	1392			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		* 3				<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour  
 Pump  Bailer  Air  Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
25	0	370	16 hr.

Temperature of water **49°** Depth Artesian Flow Found \_\_\_\_\_  
 Was a water analysis done?  Yes By whom \_\_\_\_\_  
 Did any strata contain water not suitable for intended use?  Too little  
 Salty  Muddy  Odor  Colored  Other \_\_\_\_\_  
 Depth of strata: \_\_\_\_\_

(9) LOCATION OF WELL by legal description:  
 County **Deschutes** Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Township **14** N or S Range **9** E or W WM.  
 Section **16** SE 1/4 NE 1/4  
 Tax Lot **4800** Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 Street Address of Well (or nearest address) **Hawksbeard Rd.**  
**Black Butte Ranch**

(10) STATIC WATER LEVEL:  
**265** ft. below land surface. Date **4-26-91**  
 Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:  
 Depth at which water was first found **315**

From	To	Estimated Flow Rate	SWL
315	327	300 GPM	265
327	353	500 GPM	265

(12) WELL LOG: Ground elevation \_\_\_\_\_

Material	From	To	SWL
28 1/2 yds 22 sk cement slurry pumped		287 - 232	
Hard Black Basalt	287	315	
Red Cinder Conglomerate	315	327	265
Black Sand/Gravel/Boulder	327	353	
Fractured Gray Lava	353	370	
9.1 yds gravel used			

Well drilled by **C&R Drilling Co.**  
 # **540** 2-28-73

Date started **4-18-91** Completed **6-7-91**

(unbonded) Water Well Constructor Certification:  
 I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.  
 Signed \_\_\_\_\_ WWC Number \_\_\_\_\_  
 Date \_\_\_\_\_

(bonded) Water Well Constructor Certification:  
 I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. all work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.  
 Signed *[Signature]* WWC Number **685**  
 Date **6-14-91**