

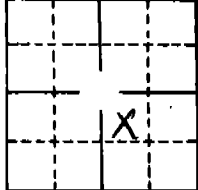


RECEIVED
USE TYPEWRITER OR
BALLPOINT PEN

JAN 30 1989

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

~~Department of Water Resources~~

1. WELL OWNER Name: <u>DUNCAN, Fred</u> Address: <u>2499 NE Marion Rd</u> Owner's Permit No.: <u>94-89-N-1</u>	7. WATER LEVEL Static water level <u>40</u> feet below land surface. Flowing? ☐ Yes ☒ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature _____ °F. Quality <u>good</u> <i>Describe artesian or temperature zones below.</i>																																														
2. NATURE OF WORK <u>94-89-N-8</u> ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)	8. WELL TEST DATA ☐ Pump ☐ Bailer ☐ Air ☐ Other _____ <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> </thead> <tbody> <tr> <td><u>5 to 7 est</u></td> <td><u>300</u></td> <td><u>1 hr</u></td> </tr> </tbody> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped	<u>5 to 7 est</u>	<u>300</u>	<u>1 hr</u>																																								
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3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)	9. LITHOLOGIC LOG <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Bore Diam.</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th colspan="2">Water</th> </tr> <tr> <th>From</th> <th>To</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td><u>8</u></td> <td><u>0</u></td> <td><u>68</u></td> <td><u>clay</u></td> <td></td> <td>☒</td> </tr> <tr> <td><u>8</u></td> <td><u>68</u></td> <td><u>70</u></td> <td><u>granite</u></td> <td></td> <td>☒</td> </tr> <tr> <td><u>8</u></td> <td><u>70</u></td> <td><u>74</u></td> <td><u>clay brown</u></td> <td></td> <td>☒</td> </tr> <tr> <td><u>8</u></td> <td><u>74</u></td> <td><u>78</u></td> <td><u>silt</u></td> <td></td> <td>☒</td> </tr> <tr> <td><u>6</u></td> <td><u>78</u></td> <td><u>300</u></td> <td><u>soil hard & soft</u></td> <td>☒</td> <td></td> </tr> <tr> <td colspan="6"><u>5 to 7 approx est</u></td> </tr> </tbody> </table>	Bore Diam.	Depth		Material	Water		From	To	Yes	No	<u>8</u>	<u>0</u>	<u>68</u>	<u>clay</u>		☒	<u>8</u>	<u>68</u>	<u>70</u>	<u>granite</u>		☒	<u>8</u>	<u>70</u>	<u>74</u>	<u>clay brown</u>		☒	<u>8</u>	<u>74</u>	<u>78</u>	<u>silt</u>		☒	<u>6</u>	<u>78</u>	<u>300</u>	<u>soil hard & soft</u>	☒		<u>5 to 7 approx est</u>					
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4. METHOD DRILLED ☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary ☐ Cable ☐ Dug ☐ Other _____	RECEIVED JAN 26 1989 NORTHERN REGION IDWR																																														
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Thickness</th> <th>Diameter</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td><u>.250</u> inches</td> <td><u>6</u> inches</td> <td><u>+ 1</u> feet</td> <td><u>100</u> feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> </tbody> </table> Was casing drive shoe used? ☒ Yes ☐ No Was a packer or seal used? ☐ Yes ☐ No Perforated? ☒ Yes ☐ No <u>drilled</u> How perforated? ☐ Factory ☐ Knife ☒ Torch Size of perforation <u>1/2</u> inches by <u>1/2</u> inches <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Number</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td><u>150</u> perforations</td> <td><u>250</u> feet</td> <td><u>300</u> feet</td> </tr> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> </tbody> </table> Well screen installed? ☐ Yes ☒ No Manufacturer's name _____ Type _____ Model No. _____ Diameter _____ Slot size _____ Set from _____ feet to _____ feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____ Placed from _____ feet to _____ feet Surface seal depth <u>20</u> Material used in seal: ☐ Cement grout ☐ Bentonite ☐ Puddling clay ☒ Clay Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☒ Overbore to seal depth Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strata Describe access port _____		Thickness	Diameter	From	To	<u>.250</u> inches	<u>6</u> inches	<u>+ 1</u> feet	<u>100</u> feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet	Number	From	To	<u>150</u> perforations	<u>250</u> feet	<u>300</u> feet	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet																		
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6. LOCATION OF WELL Sketch map location must agree with written location.  Supervision Name: _____ JUN 10 1991 Lot No. _____ Block No. _____ County: <u>Benewah</u> NW 1/4 Sec. <u>1</u>, T. <u>46</u> N, R. <u>3</u> E/W	10. Work started <u>4/12/89</u> finished <u>4/16/89</u>																																														
11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name: <u>United Drilling</u> Firm No. <u>414</u> Address: <u>Box 2499</u> Date: <u>1-17-89</u> Signed by (Firm Official): <u>[Signature]</u> and (Operator): <u>[Signature]</u>																																															