

PRINT OR TYPE ONLY
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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE-OF INTENT NO. 24812

1. OWNER Pioneer Americas LLC ADDRESS AT WELL LOCATION _____
MAILING ADDRESS 5000 Lake Mead Blvd Henderson, NV 89015 _____
2. LOCATION W 1/4 NW 1/4 Sec 12 T 22 N/S R 62 E Clark County _____
PERMIT NO. 1781210/003 Issued by Water Resources Parcel No. _____ Subdivision Name _____

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other _____

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other _____

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
<u>Sand Gravel</u>		<u>12</u>	<u>33</u>	
<u>Red Clay</u>		<u>7.3</u>	<u>35</u>	
<u>Screen</u>		<u>33</u>	<u>23</u>	
<u>10/20 Sand</u>		<u>33</u>	<u>21</u>	
<u>Bentonite</u>		<u>21</u>	<u>5</u>	
<u>Cement</u>		<u>5</u>	<u>15</u>	

DG NR/DWR RECEIVED
JUN 09 2003
LAS VEGAS OFFICE

8. WELL CONSTRUCTION
Depth Drilled 35 Feet Depth Cased 35 Feet

HOLE DIAMETER (BIT SIZE)
From _____ To _____
Inches _____ Feet _____ Feet
Inches _____ Feet _____ Feet
Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>2</u>		<u>5/16 40</u>	<u>23</u>	<u>15</u>

Perforations:
Type perforation Screen
Size perforation _____
From 33 feet to 23 feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Surface Seal: Yes No Seal Type: Neat Cement
Depth of Seal 5 Cement Grout
Placement Method: Pumped Poured Concrete Grout

Gravel Packed: Yes No
From _____ feet to _____ feet

Date started May 22, 2003
Date completed June 9, 2003

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

9. WATER LEVEL
Static water level 26' feet below land surface
Artesian 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 Testing Engineers of Nevada Contractor
Address 1973 W. Nellis Blvd 303 Contractor
Las Vegas, NV 89115
Nevada contractor's license number issued by the State Contractor's Board 0084243
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2229
Signed [Signature]
By driller performing actual drilling on site or contractor
Date 6-9-03