WHITE—DIVISION OF WATER RESOURCES
CANARY—CLIENT'S COPY
PINK—WELL DRILLER'S COPY

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

5 wells

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

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

OFFICE USE ONLY
Log No. 100751
Permit No.
Basin 212

NOTICE OF INTENT NO. 30221

1. OWNER Pioneer Americas LLC
MAILING ADDRESS 8000 Lake Mead Drive, Henderson, NV 89030
ADDRESS AT WELL LOCATION Same as Owner

2. LOCATION NW ¼ NW ¼ Sec. 13 T. 22 N/S R. 62 E. Clark County
PERMIT NO. (Issued by Water Resources) Parcel No. 178-13-101-005 Subdivision Name Pioneer Chemical

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 Sonic

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Silty Sandy Gravel	44	0	57	57
Red Clay		57	60	3

Date started 8/1/, 2006
Date completed 8/17, 2006

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

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

8. WELL CONSTRUCTION
Depth Drilled 60 Feet Depth Cased 60 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
7 5/8 Inches		0 Feet	60 Feet
Inches		Feet	Feet
Inches		Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
SCH 80 - 2"		PVC	0	40

Perforations:
Type perforation Factory Slotted
Size perforation .010
From 40 feet to 60 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 37
Placement Method: ☐ Pumped ☒ Poured
Seal Type: ☐ Neat Cement ☒ Cement Grout ☐ Concrete Grout

Gravel Packed: ☒ Yes ☐ No
From 37 feet to 60 feet

9. WATER LEVEL
Static water level 44' 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 WDC Exploration & Wells (Contractor)
Address 570 Corinthian Way (Contractor)
N. Las Vegas, NV 89030
Nevada contractor's license number issued by the State Contractor's Board 12852
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2057
Signed (By driller performing actual drilling on site or contractor)
Date 9/18/06

(Rev. 12-01) USE ADDITIONAL SHEETS IF NECESSARY (01-627)