COPIES TO
- DIVISION OF WATER RESOURCES
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- WELL DRILLER'S COPY

PRINT OR TYPE ONLY

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. 100834
Permit No.
Basin 159

NOTICE OF INTENT NO. 24283

1. OWNER Nat'l Nuclear Security Admin NV Site Office
MAILING ADDRESS PO Box 98518
Las Vegas NV 89193-8518

ADDRESS AT WELL LOCATION ER-16-1, Area 16
Nevada Test Site

2. LOCATION NE ¼ SW ¼ Sec 5 T 11 S R 52 E Nye County
PERMIT NO. Waiver R-1024D
Parcel No. N/A
Subdivision Name N/A

3. WORKED 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 Air / Foam

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Dolomite	Y	4005	4566	561

DCNR/DWR
RECEIVED
OCT 0 2 2006
LAS VEGAS OFFICE

Date started June 19, 20 06
Date completed August 7, 20 06

7. WELL TEST DATE

TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

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

8. WELL CONSTRUCTION

Depth Drilled 4566 Feet Depth Cased 4532.3 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
48	Inches	0	Feet	54	Feet
18.5	Inches	54	Feet	2306	Feet
12.25	Inches	2307	Feet	4005	Feet
4.75	Inches	4005	Feet	4566	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
13-3/8	54.5 / 61.0	0.380 / 0.430	0	2178.
7-5/8 / 5-1/2	26.4 / 14.6	0.328 / 0.226	0 / 3381	3381 / 3813
2.375	4.6		0	4532.3

Perforations:
Type perforation Torch Cut
Size perforation 6" x 3/16" 12" apart
From 3640 feet to 3768 feet
From 4465.8 feet to 4532.3 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 52 feet
Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Placement Method: ☐ Pumped ☒ Poured
Gravel Packed: ☐ Yes ☒ No
From feet to feet

9. WATER LEVEL
Static water level 4169 measured depth feet below land surface
Artesian flow N/A G.P.M. N/A P.S.I.
Water temperature 90 °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 National Security Technologies, LLC (NSTec) (CONTRACTOR)
Address PO Box 98521 (CONTRACTOR)
Las Vegas NV 89193-8521
Nevada contractor's license number issued by the State Contractor's Board In process
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2125
Signed R. W. Shelton
By driller performing actual drilling on site or contractor
Date 9-25-06