COPIES TO
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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. 97068
Permit No.
Basin 156
NOTICE OF INTENT NO. 54786

1. OWNER U.S.D.O.E, NV OPS OFFICE MV-1
MAILING ADDRESS PO Box 9518
Las Vegas, NV 89193-9518
ADDRESS AT WELL LOCATION Central Nevada test area, near Morey Peak, Hot creek valley

2. LOCATION NW ¼ SW ¼ Sec 14 T 9 N R 51 E Nye County
PERMIT NO. M/O-1366, R-488 (Issued by Water Resources) N/A (Parcel No.) N/A (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
Alluvium		0	2360	2360
Grayish-orange		2360		
reworked altered tuff			2370	10
Yellow-gray conglomerate		2370	2420	50
Grayish orange		2420		
Volcaniclastic sandstone			2450	30
Gray-orange pebble		2450		
conglomerate			2480	30
Pale orange tuffaceous		2480		
sandstone			2500	20
Yellow-gray reworked tuff		2500	2510	10
Yellow-brown ash		2510		
flow tuff			2530	20
Yellow-Brown		2530		
conglomerate			2580	50
Yellow-brown reworked		2580		
tuff			2600	20
Yellow-brown		2600		
volcaniclastic sandstone			2640	40
Pale orange conglomerate		2640	2650	10
Brown-gray tuff		2650		
and altered tuff			2735	85
orange-pink		2735		
volcaniclastic sandstone			2765	30
Gray tuff		2765	2860	95
Tuffaceous conglomerate		2860	2890	30
Tuffaceous sandstone		2890	2900	10
Gray-yellow-gray tuffs		2900	3115	215
Gray-red volcaniclastic		3115		
sandstone			3120	
Gray-red tuffs		3120	3800	680
Pink-gray welded tuffs		3800	3870	70
Gray&gray-red tuffs		3870	4100	230

Date started April 9, 20 05
Date completed May, 20 05

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 4102 Feet Depth Cased 3954 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
38 Inches	0 Feet	95 Feet
26 Inches	95 Feet	1050 Feet
175 Inches	1050 Feet	2500 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
30	118.65	0.375	0	95
20	94	0.380	0	1050
13.375	54.4	0.380	0	2500

Perforations:
Type perforation 0.080"
Size perforation Slot
From 1:879 feet to 939 feet
From 2:3000 feet to 3060 feet
From 3:3745 feet to 3909.56 feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No Seal Type:
Depth of Seal 95' ☒ Neat Cement
Placement Method: ☒ Pumped ☐ Cement Grout
☐ Poured ☐ Concrete Grout
Gravel Packed: ☒ Yes ☐ No
From See notes feet to feet

9. WATER LEVEL
Static water level See notes 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 Dale Jensen (CONTRACTOR)
Address PO Box 5279 (CONTRACTOR)
Elko, NV 89802
Nevada contractor's license number issued by the State Contractor's Board 0021976
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2283
Signed [signature] By driller performing actual drilling on site or contractor
Date 3/26/05

(Rev 12/01) USE ADDITIONAL SHEETS IF NECESSARY

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STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

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OFFICE USE ONLY
Log No. 97068-2
Permit No.
Basin

NOTICE OF INTENT NO. 54786

1. OWNER U.S.D.O.E, NV OPS Office MV-1
MAILING ADDRESS PO Box 9518
Las Vegas, NV 89193-8518

ADDRESS AT WELL LOCATION Central Nevada test area
near Morrey Peak, Hot creek Valley

2. LOCATION NW ¼ SW ¼ Sec 14 T 9 N R 51 E Nye County

PERMIT NO. M/O-1366, R-488 (Issued by Water Resources) | N/A (Parcel No.) | N/A (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
Construction Notes:				
Annulus of 30" casing		0		
Cemented			95	
Annulus of 20" casing		998		
cemented			1050	
Piezo#1:				
Cemented		0	686	
Hole plug		686	728	
Gravel pack		728	998	
cement		998	1050	
Ammulus of 13 3/8 casing		2150		
cemented			2500	
pierzo #3				
Cement		0	2820	
Gravel pack		2820	3990	
cement		3990	4102	
Piezo #2 annulus is				
described for piezo #3				
Static water levels				
Piezo #1 : 316'				
Piezo #2 : 245'				
Piezo #3 : 547'				

Date started _____, 20 ____
Date completed _____, 20 ____

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 _____ Feet Depth Cased _____ Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12.25	Inches	2500	Feet	4102	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
3:5.5	15	0.258	+2	3954
1: 2.375	5.02	0.218	+2	951
2:2.375	5.02	0.218	+2	3080

Perforations:
Type perforation
Size perforation
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

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

9. WATER LEVEL
Static water level _____ 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 _____ (CONTRACTOR)
Address _____ (CONTRACTOR)
Nevada contractor's license number issued by the State Contractor's Board
Nevada driller's license number issued by the Division of Water Resources, the on-site driller
Signed _____ By driller performing actual drilling on site or contractor
Date

(Rev 12/01) USE ADDITIONAL SHEETS IF NECESSARY

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