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- DIVISION OF WATER RESOURCES
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- WELL DRILLER'S COPY

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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. 98659 pg1
Permit No.
Basin 156
NOTICE OF INTENT NO. 54787

1. OWNER US.D.O.E, NV OPS, Office MV-2
MAILING ADDRESS PO Box 9518
Las Vegas, NV 89193-8518

ADDRESS AT WELL LOCATION Central NV test area, near
Morey Peaks, Hot creek Valley
Page 1 of 3

2. LOCATION SE ¼ NW ¼ Sec 22 T 9 N R 51 E Nye County

PERMIT NO. M/O-1366, R488 (Issued by Water Resources) | N/A (Other No.) | N/A (Subject Well 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	1370	1370
Argillized Tuff		1370	1470	100
Ash fall tuff		1470	1570	100
Non welded ash flow tuff		1570	1670	100
Ash flow tuff		1670	2050	380
Ash flow tuff w/ clay balls		2050	2080	30
Ash fall tuff		2080	2170	90
50% tuffaceous		2170		
tuff 50% welded tuff			2190	20
Welded tuff		2190	3090	900
Welded ash flow		3090	3400	310
Tuff sand stone, sand size		3400		
fragment of welded tuff			3560	160
Welded ash flow		3560	3600	40
Non welded tuff		3600	3660	60
Construction Notes:				
Annulus of 30" cemented		0	95	
Annulus of 20" cemented		1035	1050	
Pezo #1				
Cement		0	813	
Gravel packed		813	1035	
Cement		1035	1050	
Annulus of13 3/8cemented		1800	2152	
Steel rings between13 3/8				
and 20" at surface				
Pezo #2				
Cement		0	2927	
Gravel		2927	3259	
Cement		3259	3454	
Pezo #3				

Date started May 27, 20 05
Date completed July 6, 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 3660 Feet Depth Cased 3640 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
38" Inches	0 Feet	95 Feet
26" Inches	95 Feet	1050 Feet
17.5 Inches	1050 Feet	2152 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
30"	118.65	.375	0	95
20"	94	.380	0	1050
13.375	54.4	.380	0	2152

Perforations:
Type perforation .080
Size perforation Slot
From 1: 960 feet to 1010 feet
From 2: 3540 feet to 3600 feet
From 3: 3040 feet to 3200 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 Gene Fenhaus (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 1366
Signed
By driller performing actual drilling on site or contractor
Date August 3, 2005

(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. 98659 pg2
Permit No.
Basin

NOTICE OF INTENT NO. 54787

1. OWNER US. D.O.E , NV OPS, Office MV-2
MAILING ADDRESS Po Box 9518
Las Vegas NV 89193

ADDRESS AT WELL LOCATION Central NV test area, near
Morey Peak, Hot Creek Valley
Page 2 fo 3

2. LOCATION ¼ ¼ Sec T N R E County
PERMIT NO. (Issued by Water Resources) Permit 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
Annulus described		0		
In Pezo #2 plus			3454	
Gravel		3454	3660	
Water Level				
Pezo #1 545'				
Pezo #2 331'				
Pezo #3 2000'				
Pezo #3 Still recovering				

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	2152 Feet	3660 Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
1: 2.375	5.02	.218	+1	960
2: 5.5	15	.258	+2	3040
3: 2.375	5.02	.218	+1	3540

Perforations:
Type perforation
Size perforation
From 1: 960 feet to 1010 feet
From 2: 3040 feet to 3200 feet
From 3: 3540 feet to 3600 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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STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

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OFFICE USE ONLY
Log No. 98659 pg3
Permit No.
Basin

NOTICE OF INTENT NO. 54787

1. OWNER US D.O.E, NV OPS Office
MAILING ADDRESS Po Box 9518
Las Vegas NV 89193-8518

ADDRESS AT WELL LOCATION Centrak NV test area , near Morey peaks, Hot Creek Valley
Page 3 of 3

2. LOCATION ___ ¼ ___ ¼ Sec ___ T ___ N R ___ E ___ County
PERMIT NO. ___ 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

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
___ 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)
3:2.375	5.02	.218	3600	3640

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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