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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. 99714
Permit No.
Basin 124

NOTICE OF INTENT NO. 56372

1. OWNER U.S. Department of Energy Well MV-1
MAILING ADDRESS P.O. Box 98518
Las Vegas, NV 89193-8518

ADDRESS AT WELL LOCATION Shoal Area, near Fallon, Nevada
GPS:

2. LOCATION NE ¼ SW ¼ Sec 34 T 16 N R 33 E Churchill County

PERMIT NO. DOE Proj. # 0506430 (Issued by Water Resources) | N/A (APN) | 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
Fill dirt & minor alluvium		0	15	15
Porphyritic granite		15	1790	1775
Notes:				
Cement grout		0	1248	
Gravel		1248	1420	
Cement grout		1420	1483	
Gravel		1483	1790	

Date started 05/06, 20 06
Date completed 05/23, 20 06

7. WELL TEST DATE

TEST METHOD: ☐ Bailer ☐ Pump ☒ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
6		34

8. WELL CONSTRUCTION

Depth Drilled 1790 Feet Depth Cased 1749.5 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
31 Inches	0 Feet	99 Feet
12.5 Inches	99 Feet	1790 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
24	124	0.500	0	99
5.5	15.5	0.275	+2	1749.5

Perforations:
Type perforation Slot
Size perforation 0.080"
From 1572 feet to 1726 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 See Notes ☐ Neat Cement
Placement Method: ☐ Pumped ☐ Cement Grout
☐ Poured ☐ Concrete Grout
Gravel Packed: ☐ Yes ☐ No ☐ 30% Grout
From feet to feet

9. WATER LEVEL

Static water level 936 feet below land surface
Artesian flow G.P.M P.S.I
Water temperature °F Quality Good

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Lang Exploratory Drilling (CONTRACTOR)
Address P.O. Box 5279 (CONTRACTOR)
Elko, NV 89802-5279
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 1995

Signed
By driller performing actual drilling on site or contractor
Date 06/06/06

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Permit No. .....
Basin .....

NOTICE OF INTENT NO. 56372

1. OWNER U.S. Department of Engergy Well MV-1 Page 2
MAILING ADDRESS P.O. Box 98518
Las Vegas, NV 89193-8518

ADDRESS AT WELL LOCATION Shoal Area, near Fallon, Nevada
GPS:

2. LOCATION NE ¼ SW ¼ Sec 34 T 16 N R 33 E Churchill County

PERMIT NO. DOE Proj. # 0506430 (Issued by Water Resources) | N/A (APN) | 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	Thick-ness

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)
2.375	5.2	0.218	+2	1408

Perforations:
Type perforation Slot
Size perforation 0.090"
From 1338 feet to 1398 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 ☐ 30% Grout
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 .....

2006 JUN 19 PM 1:00

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