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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. 100529
Permit No.
Basin 124

NOTICE OF INTENT NO. 56371

1. OWNER U.S. Department of Energy-Shoal Project MV-3
MAILING ADDRESS P.O. Box 98518
Las Vegas, NV 89193-8518

ADDRESS AT WELL LOCATION Project Shoal Area,
Fallon, NV.
GPS:

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

PERMIT NO. DOE Project #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
Porphyritic granite		0	1670	1670

Notes:

Cement Grout		0	1049	
Gravel		1049	1210	
Cement Grout		1210	1356	
Gravel		1356	1670	

Date started 04-03, 20 06
Date completed 05-05, 20 06

7. WELL TEST DATE

TEST METHOD: ☐ Bailer ☐ Pump ☒ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
16		24

8. WELL CONSTRUCTION

Depth Drilled 1670 Feet Depth Cased 1654 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
31 Inches	0 Feet	97 Feet
22 Inches	97 Feet	1220 Feet
12.5 Inches	1220 Feet	1670 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
24	125.49	0.500	0	97
13.375	54.50	0.380	0	1220
5.500	15.50	0.275	+2	1654

Perforations:
Type perforation Slot
Size perforation 0.080"
From 1463.50 feet to 1634.50 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 998 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

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MAILING ADDRESS Page Two
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3. WORK PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Abandon ☐ Other

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☐ 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 04-02, 20 06
Date completed 05-05, 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 1670 Feet Depth Cased 1654 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	5.02	0.218	+1	1210

Perforations:
Type perforation Slot
Size perforation 0.080"
From 1140 feet to 1200 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 Good

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
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Address P.O. Box 5279 (CONTRACTOR)
Elko, Nv 89801
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 05-17-06

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