

STATE OF NEVADA  
 DIVISION OF WATER RESOURCES  
**WELL DRILLER'S REPORT**

OFFICE USE ONLY  
 Log No. 85230  
 Permit No. \_\_\_\_\_  
 Basin 101

PRINT OR TYPE ONLY  
 DO NOT WRITE ON BACK

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

Page 1 of 2  
 NOTICE OF INTENT NO. 4747

1. OWNER U. S. Geological Survey - WRD (DB-2) ADDRESS AT WELL LOCATION Sagoupe Rd., Fallon, NV  
 MAILING ADDRESS 333 West Nye Lane  
Carson City, NV 89706

2. LOCATION SW 1/4 SW 1/4 Sec. 3 T 19N N/S R 29E E Churchill County  
 PERMIT NO. M/O-1217 007-311-01 N/A  
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 Mud

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Sand and clay		0	146	146
Massive basalt breccia		146	280	134
Basalt breccia with clay filled fractures		280	440	160
Massive basalt		440	487	47
Sand and clay		487	580	93
Construction details:				
Cement around 20" casing		0	9	9
Cement around 12" casing		0	146	146
Pure Gold grout		0	141	141
Hole plug		141	276	135
Gravel pack		276	320	44
Hole plug		320	429	109
Gravel pack		429	476	47
Hole plug		476	518	42
Gravel pack		518	551	33
Hole plug		551	580	29

Continued on next page

8. WELL CONSTRUCTION  
 Depth Drilled 580 Feet Depth Cased 545 Feet

HOLE DIAMETER (BIT SIZE)

	From	To	
26 Inches	0	10	Feet
17.500 Inches	10	146	Feet
9.875 Inches	146	552	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
20	78.60	0.375	0	9
12	49.56	0.375	+2	146
#1: 2	0.958	Sch. 80	+2	318

Perforations:  
 Type perforation Machine slot  
 Size perforation 0.02"  
 From #1: 288 feet to 308 feet  
 From #2: 438 feet to 458 feet  
 From #3: 528 feet to 538 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
 Depth of Seal 146'  Neat Cement  
 Placement Method:  Pumped  Cement Grout  
 Poured  Concrete Grout  
 Gravel Packed:  Yes  No  
 From See detail feet to \_\_\_\_\_ feet

9. WATER LEVEL  
 Static water level 1:28.7 2:30.9 3:27.5 feet below land surface  
 Artesian flow N/A G.P.M. N/A P.S.I.  
 Water temperature Cool °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 1716  
 Signed DAVID HARRIS  
 By driller performing actual drilling on-site or contractor  
 Date 9/12/01

Date started 8/30/2001, 19\_\_\_\_  
 Date completed 9/6/2001, 19\_\_\_\_

7. WELL TEST DATA

TEST METHOD:	<input type="checkbox"/> Bailer	<input type="checkbox"/> Pump	<input type="checkbox"/> Air Lift
<u>3 P.M.</u>	Draw Down (Feet Below Static)	Time (Hours)	

857L

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Page 2 of 2  
 NOTICE OF INTENT NO. **47479**

1. OWNER **U. S. Geological Survey - WRD DB-2**  
 MAILING ADDRESS **333 West Nye Lane**  
**Carson City, NV 89706**

ADDRESS AT WELL LOCATION **Sagoupe Rd., Fallon, NV**

2. LOCATION **SW 1/4 SW 1/4 Sec. 3 T 19N N/S R 29E E Churchill** County  
 PERMIT NO. **M/O-1217** **007-311-01** **N/A**  
Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED  
 New Well  Replace  Recondition  Domestic  
 Deepen  Abandon  Other \_\_\_\_\_  Municipal/Industrial

4. PROPOSED USE  
 Irrigation  Test  Monitor  Stock

5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other **Mud**

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Sand and clay		0	146	146
Massive basalt breccia		146	280	134
Basalt breccia with clay filled fractures		280	440	160
Massive basalt		440	487	47
Sand and clay		487	580	93
Construction details:				
Cement around 20" casing		0	9	9
Cement around 12" casing		9	146	137
Pure Gold grout		0	141	141
Hole plug		141	276	135
Gravel pack		276	320	44
Hole plug		320	429	109
Gravel pack		429	476	47
Hole plug		476	518	42
Gravel pack		518	551	33
Hole plug		551	580	29

8. WELL CONSTRUCTION  
 Depth Drilled **580** Feet Depth Cased **545** Feet

HOLE DIAMETER (BIT SIZE)

From	To
<b>6.250</b> inches	<b>552</b> Feet <b>580</b> Feet
_____ inches	_____ Feet _____ Feet
_____ inches	_____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<b>#2: 2</b>	<b>0.958</b>	<b>Sch. 80</b>	<b>+2</b>	<b>463</b>
<b>#3: 2</b>	<b>0.958</b>	<b>Sch. 80</b>	<b>+2</b>	<b>545</b>

Perforations:  
 Type perforation **Machine slot**  
 Size perforation **0.02"**

From	To
<b>#1: 288</b> feet to	<b>308</b> feet
<b>#2: 438</b> feet to	<b>458</b> feet
<b>#3: 528</b> feet to	<b>538</b> feet
_____ feet to	_____ feet
_____ feet to	_____ feet

Surface Seal:  Yes  No Seal Type:  
 Depth of Seal **146'**  Neat Cement  
 Placement Method:  Pumped  Cement Grout  
 Poured  Concrete Grout

Gravel Packed:  Yes  No  
 From **See detail** feet to \_\_\_\_\_ feet

9. WATER LEVEL  
 Static water level **1:28.7 2:30.9 3:27.5** feet below land surface  
 Artesian flow **N/A** G.P.M. **N/A** P.S.I.  
 Water temperature **Cool** °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.

Date started **8/30/2001** . 19  
 Date completed **9/6/2001** . 19

7. WELL TEST DATA

TEST METHOD:	TEST METHOD:	
	G.P.M.	Time (Hours)
<input type="checkbox"/> Bailer	Draw Down (Feet Below Static)	
<input type="checkbox"/> Pump		
<input type="checkbox"/> Air Lift		

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 **1716**

Signed \_\_\_\_\_  
 By driller performing actual drilling on-site or contractor

Date **9/12/01**