

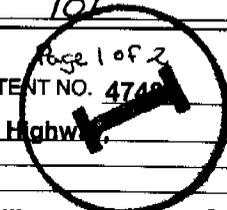
STATE OF NEVADA  
DIVISION OF WATER RESOURCES  
WELL DRILLER'S REPORT

OFFICE USE ONLY  
Log No. 85240  
Permit No. \_\_\_\_\_  
Basin 101

PRINT OR TYPE ONLY  
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Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 4749



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

ADDRESS AT WELL LOCATION 1600 Austin Highway  
Fallon, NV

2. LOCATION SE 1/4 NW 1/4 Sec. 32 T 19N N/S R 29E E Churchill County  
PERMIT NO. M/O-1217 007-651-01 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 \_\_\_\_\_

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Sand and clay		0	437	437
Basalt varying from vesicular to massive		437	730	293
Sand and clay		730	756	26
Construction details:				
Cement around 20" casing		0	20	20
Cement around 12" casing		0	441	441
Hole plug		0	10	10
Pure Gold grout		10	432	422
Hole plug		432	524	92
Pure Gold grout		524	544	20
Hole plug		544	550	6
Gravel pack		550	584	34
Hole plug		584	588	4
Pure Gold grout		588	688	100
Hole plug		688	699	11
Gravel plug		699	725	26
Hole plug		725	734	9
Gravel pack		734	756	22

Continued on next page

8. WELL CONSTRUCTION  
Depth Drilled 756 Feet Depth Cased 755 Feet  
HOLE DIAMETER (BIT SIZE)  
From To  
26 inches 0 Feet 20 Feet  
17.500 inches 20 Feet 441 Feet  
9.875 inches 441 Feet 756 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>20</u>	<u>78.60</u>	<u>0.375</u>	<u>0</u>	<u>20</u>
<u>12</u>	<u>49.56</u>	<u>0.375</u>	<u>+2</u>	<u>441</u>
<u>#1: 2</u>	<u>0.958</u>	<u>Sch. 80</u>	<u>+2</u>	<u>583</u>

Perforations:  
Type perforation Machine slot  
Size perforation 0.02"  
From #1: 588 feet to 578 feet  
From #2: 710 feet to 720 feet  
From #3: 740 feet to 750 feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
Depth of Seal 441'  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 1:46.5 2:44.9 3:42.5 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 Has  
By driller performing actual drilling on-site or contractor  
Date 9/12/01

Date started 8/15/2001, 19  
Date completed 8/29/2001, 19

7. WELL TEST DATA

TEST METHOD:	<input type="checkbox"/> Bailer	<input type="checkbox"/> Pump	<input checked="" type="checkbox"/> Air Lift
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	
<u>#3</u>	<u>20</u>	<u>1 Hour</u>	
<u>#2</u>	<u>13</u>	<u>1 Hour</u>	
<u>#1</u>	<u>10</u>	<u>1 Hour</u>	

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

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

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Page 2 of 2  
 NOTICE OF INTENT NO. **47480**

OWNER **U.S. Geological Survey - WRD (DB-1)**  
 MAILING ADDRESS **333 West Nye Lane**  
**Carson City, NV 89706**  
 ADDRESS AT WELL LOCATION **1600 Austin Highway,**  
**Fallon, NV**

2. LOCATION **SE** 1/4 **NW** 1/4 Sec. **32** T **19N** N/S R **29E** E **Churchill** County  
 PERMIT NO. **M/O-1217** **007-651-01** **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 \_\_\_\_\_

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Sand and clay		0	437	437
Basalt varying from vesicular to massive		437	730	293
Sand and clay		730	756	26
<b>Construction details:</b>				
Cement around 20" casing		0	20	20
Cement around 12" casing		0	441	441
Hole plug		0	10	10
Pure Gold grout		10	432	422
Hole plug		432	524	92
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Gravel plug		699	725	26
Hole plug		725	734	9
Gravel pack		734	756	22

Continued on next page

8. WELL CONSTRUCTION

Depth Drilled **756** Feet Depth Cased **755** Feet

HOLE DIAMETER (BIT SIZE)

	From	To	
<b>26</b> Inches	<b>0</b> Feet	<b>20</b> Feet	
<b>17.500</b> Inches	<b>20</b> Feet	<b>441</b> Feet	
<b>9.875</b> Inches	<b>441</b> Feet	<b>756</b> Feet	

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<b>#2: 2</b>	<b>5.02</b>	<b>Sch. 80</b>	<b>+2</b>	<b>725</b>
<b>#3: 2</b>	<b>5.02</b>	<b>Sch. 80</b>	<b>+2</b>	<b>755</b>

Perforations:

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

From	To
<b>#1: 568</b> feet to	<b>578</b> feet
<b>#2: 710</b> feet to	<b>720</b> feet
<b>#3: 740</b> feet to	<b>750</b> feet

Surface Seal:  Yes  No  
 Depth of Seal **441'**  
 Placement Method:  Pumped  Poured  
 Seal Type:  Neat Cement  Cement Grout  Concrete Grout  
 Gravel Packed:  Yes  No  
 From **See Detail** feet to \_\_\_\_\_ feet

Date started **8/15/2001**, 19\_\_\_\_  
 Date completed **8/29/2001**, 19\_\_\_\_

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)		Time (Hours)
		<input type="checkbox"/> Bailer	<input type="checkbox"/> Pump	
<b>#3</b>	<b>20</b>	<input checked="" type="checkbox"/> Air Lift		<b>1 Hour</b>
<b>#2</b>	<b>13</b>			<b>1 Hour</b>
<b>#1</b>	<b>10</b>			<b>1 Hour</b>

9. WATER LEVEL  
 Static water level **1:46.5 2:44.9 3:42.5** 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 \_\_\_\_\_  
By driller performing actual drilling on-site or contractor  
 Date **9/12/01**