STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 101519
Permit No.
Basin 097

PRINT OR TYPE ONLY

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

NOTICE OF INTENT NO. 55520

1. OWNER Vidler Fish Springs Ranch LLC Well #2
MAILING ADDRESS 704 West Nye Lane, Suite 201
Carson City, NV 89703

ADDRESS AT WELL LOCATION Fish Springs Ranch, north of Sparks, Nevada

GPS:

Latitude	40°5.150'	UTME		☒ NAD 27
Longitude	119°53.016'	N		☐ NAD 83/WGS 84

2. LOCATION SE¼SE¼ Sec30T26N R19E

PERMIT/WAIVER NO. W587/Permit# 74053 (Issued by Water Resources)

N/A (Parcel. No.)

3. WORK PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Other

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test
☒ Municipal/Industrial ☐ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☒ RVC
☐ Air ☐ Other Flooded reverse

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Alluvium		0	20	20
Volcanic sand		20	55	35
Clay		55	60	5
Black fine volcanic		60		
gravel			80	20
Clay/gravel		80	100	20
Black and red basalt		100	250	150
Red clay		250	255	5
Black and red basalt		255	370	115
Basalt with clay layers		370	400	30
Black basalt		400	465	65
Basalt some clay		465	485	20
Basalt		485	510	25
Brown and black basalt		510	520	10
Cement and hole plug				
between 16" and 32".				
Cement 0 to 100'				
Hole plug 100' to 105'.				

Date started: 07/07, 20 06
Date completed: 07/22, 20 06

9. WELL CONSTRUCTION

Depth Drilled 520 Feet Depth Cased 510 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
46 Inches	0 Feet	22 Feet
38 Inches	22 Feet	101 Feet
26 Inches	101 Feet	520 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
40	210.93	0.500	0	22
32	126.66	0.375	0	101
16	52.27	0.312	+2	510

Perforations:
Type perforation Louvered
Size perforation 0.090"
From 120 feet to 220 feet
From 230 feet to 510 feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No

☒ Neat Cement	0 to 100		☒ Pumped	☐ Poured
☐ Cement Grout	to		☐ Pumped	☐ Poured
☐ Concrete Grout	to		☐ Pumped	☐ Poured
☐ ≥30% Bentonite Grout	to		☐ Pumped	☐ Poured
Gravel Pack: ☒ Yes ☐ No	105 to 520		☐ Pumped	☒ Poured
Type:				
Bentonite Chips: ☒ Yes ☐ No	100 to 105		☐ Pumped	☒ Poured
Type:				

7. Water Level

Static water level: 53 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: 55 °F
Quality: Good

8. WELL TEST DATE

TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
564	20	1

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 1366

Signed
By driller performing actual drilling on site or contractor

Date 7-3-06

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NOTICE OF INTENT NO. **55520**

1. OWNER **Fish Springs Ranch LLC Well #2 Page 2**
MAILING ADDRESS **704 West Nye Lane, Suite 201**
Carson City, NV 89703

ADDRESS AT WELL LOCATION **Fish Springs Ranch, north of Sparks, Nevada**

GPS:

Latitude		UTME		☐ NAD 27
Longitude		N		☐ NAD 83/WGS 84

2. LOCATION **SE¼SE¼** Sec**30**T**26**N R**19**E
PERMIT/WAIVER NO. **W587/Permit# 74053**
Issued by Water Resources Parcel. No.

3. WORK PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Other

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test
☒ Municipal/Industrial ☐ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☒ RVC
☐ Air ☐ Other **Flooded reverse**

6. **LITHOLOGIC LOG**

Material	Water Strata	From	To	Thick-ness

Date started: , 20
Date completed: , 20

7. *Water Level*
Static water level: feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: °F
Quality:

8. WELL TEST DATE
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

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

9. ***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)
3.50	7.58	0.216	+2	110
2.50	3.65	0.154	+2	220

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

Annular Seal: ☐ Yes ☐ No
☐ Neat Cement to ☐ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☐ Yes ☐ No to ☐ Pumped ☐ Poured
Type:
Bentonite Chips: ☐ Yes ☐ No to ☐ Pumped ☐ Poured
Type:

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* **1366**
Signed
By driller performing actual drilling on site or contractor
Date

(Rev 12/01) USE ADDITIONAL SHEETS IF NECESSARY

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