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

OFFICE USE ONLY 107111

Log No.
Permit No.
Basin 179

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

NOTICE OF INTENT NO. 60779

1. OWNER Sierra Pacific Resources
MAILING ADDRESS 705 Aultman St. Suite #3
Ely, Nevada 89301

ADDRESS AT WELL LOCATION 1.6 miles west of hwy 93 and 16 miles north of McGill
Subdivision Name: Hernandez Ranch County: White Pine

2. LOCATION SE 1/4 NW 1/4 Sec 19 T 21N N/S R 64 E
PERMIT/WAIVER No. 27222

Latitude 39.67498 UTM E
Longitude 114.78477 N

3. WORKED PERFORMED
New Well, Replace, Recondition, Deepen, Other

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

5. WELL TYPE
Cable, Rotary, RVC, Air, Other

LITHOLOGIC LOG table with columns: Material, Water Strata, From, To, Thickness. Rows include Sand silt and gravel, poorly graded sand, clayey sand, etc.

WELL CONSTRUCTION table with columns: Depth Drilled, HOLE DIAMETER (BIT SIZE), Depth Cased. Rows show 1000 Feet Drilled, 960 Feet Cased.

CASING SCHEDULE table with columns: Size O.D., Weight/Ft., Wall Thickness, From, To. Rows show 16 inch casings at various depths.

Perforations table with columns: Type of perforation, Size of perforation, Ful Flo Louvered. Rows show perforations from 100 to 340 feet.

Annular Seal: Neat Cement, Cement Grout, Concrete Grout, Bentonite Grout.
Gravel Pack: Bentonite Chips.
Type: 1/4" x 1/8" SRI

Date started: 15-Apr-09
Date completed: 1-MAY-09

7. Water Level
Static water level: 10 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: °F
Quality:

8. WELL TEST DATA table with columns: TEST METHOD (Bailer, Pump, Air Lift), G.P.M., Draw Down, Time (Hours).

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name: WDC Exploration & Wells
Address: 580 W. Silver Street Ely, NV 89801
Signed: Scott Campbell
Date: 6-5-09

RECEIVED
2009 JUL - 16 1616
PH 1:48
STATE ENGINEERS OFFICE

USE ADDITIONAL SHEETS IF NECESSARY

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WELL DRILLER'S REPORT

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NOTICE OF INTENT NO. 60779

1. OWNER Sierra Pacific Resources
MAILING ADDRESS 705 Aultman St. Suite #3
Ely, Nevada 89301

ADDRESS AT WELL LOCATION 1.6 miles west of hwy 93 and 16 miles
north of McGill
Subdivision Name: Hernandez Ranch County: White Pine

2. LOCATION SE ¼ NW ¼ Sec 19 T 21N N/S R 64 E
PERMIT/WAIVER No. _____

Latitude 39.67498 UTM E NAD 27
Longitude 114.78477 N NAD 83/WGS 84

3. WORKED 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
clayey sand		540	650	110
fat clay		650	660	10
clayey sand		660	670	10
sandy clay		670	700	30
clayey sand		700	730	30
poorly graded sand		730	740	10
clayey sand		740	770	30
sandy clay		770	780	10
clayey sand		780	790	10
sandy clay		790	810	20
well graded sand		810	830	20
gravelly fat clay		830	840	10
well graded sand		840	850	10
clay		850	890	40
well graded sand		890	900	10
clay		900	910	10
fat clay		910	960	50
well graded sand		960	970	10
fat clay		970	1000	30

9. WELL CONSTRUCTION

Depth Drilled	1000	Feet	Depth Cased	960	Feet
HOLE DIAMETER (BIT SIZE)					
	From		To		
36	Inches	0	Feet	35	Feet
26	Inches	35	Feet	1000	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/FL (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16		.312	950	960

Perforations:

Type of perforation	Size of perforation	From	To
Ful Flo Louvered	0.125	100	240
		260	300
		340	950

Annular Seal: Yes No

Neat Cement 0 to 50 Pumped Poured
 Cement Grout to Pumped Poured
 Concrete Grout to Pumped Poured
 ≥30% Bentonite Grout to Pumped Poured

Gravel Pack: Yes No 50 to 1000 Pumped Poured
 Type: 1/4" x 1/8" SRI
 Bentonite Chips: Yes No Pumped Poured
 Type: _____

Date started: 15-Apr 20 08
Date completed: 1-May 20 08

7. Water Level
Static water level: 10 feet below land surface
Artesian Flow: _____ G.P.M. _____ P.S.I.
Water Temperature: _____ °F
Quality: _____

8. WELL TEST DATA

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

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.

Name WDC Exploration & Wells
Contractor
Address 580 W. Silver Street Ely, NV 89801
Contractor

Nevada contractor's license number 0012852
issued by the State Contractor's Board
Nevada driller's license number issued by the 1616
Division of Water Resources, the on-site driller

Signed Scott Campbell
By driller performing actual drilling on site pt contractor
Date 6-5-08

2008 JUL - 7 10 PM
 ENGINEERS & CONTRACTORS
 1616

USE ADDITIONAL SHEETS IF NECESSARY