

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

OFFICE USE ONLY  
Log No. 15334  
Permit No. 80795T  
Basin 057

PRINT OR TYPE ONLY  
DO NOT WRITE ON BACK

*\* Drilling Back-up IRR well*

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

NOTICE OF INTENT NO. 67021

1. OWNER Farr Farms  
MAILING ADDRESS HC 61 Box 165  
Battle Mountain, NV 89820

ADDRESS AT WELL LOCATION Antelope Valley  
Battle Mountain, NV 89820  
Subdivision Name: \_\_\_\_\_  
County: Lander

2. LOCATION SE 1/4 NE 1/4 Sec 12 T 24N N/S R 40 E  
PERMIT/WAIVER No. NW 80795T  
Issued by Water Resources Parcel No. \_\_\_\_\_

Latitude 40.911111 N UTM E 39.968853 N NAD 27 / Dec. Deg.  
Longitude -117.87665 W N 117.425699 W NAD 83/NAO 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	Thickness
Sand w/Gravel		0	38	38
Gravel		38	49	11
Sand w/Gravel		49	92	43
Gravel w/ Sand		92	135	43
Gravel w/s Clay		135	152	17
Clay w/s Gravel		152	163	11
Sand w/s Clay		163	168	5
Brown Clay		168	226	58
Sand w/s Clay	X	226	235	9
Brown Clay		235	242	7
Gravel		242	258	16
Brown Clay		258	327	69
Gravel W/ Sand	X	327	341	14
Brown Clay		341	352	11
Gravel		352	369	17
Sand w/s Gravel	X	369	386	17
Brown Clay		386	404	18
Gravel	X	404	417	13
Gravel w/Brown Clay	X	417	420	3
Brown Clay		420	428	8
Gravel w/Sand	X	428	432	4
Brown Clay		432	448	16
Gravel	X	448	461	13
Brown Clay		461	486	25
Gravel w/s Clay		486	495	9
Brown Clay		495	588	93
Date started: <u>26-Sep</u> 20 <u>11</u>				
Date completed: <u>30-Sep</u> 20 <u>11</u>				

9. WELL CONSTRUCTION				
Depth Drilled	1120	Feet	Depth Cased	1120
HOLE DIAMETER (BIT SIZE)				
	From	To		
36	Inches 0	Feet 50	Feet	
24	Inches 0	Feet 1120	Feet	
	Inches	Feet	Feet	
CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
30	39.5	.109	0	50
16	52.27	.312	0	1120
Perforations:				
Type of perforation	Double Row			
Size of perforation	0.25			
From 170	feet to	1120	feet	
From	feet to		feet	
From	feet to		feet	
From	feet to		feet	
From	feet to		feet	
Annular Seal: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
<input type="checkbox"/> Neat Cement	to	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured	
<input checked="" type="checkbox"/> Cement Grout	50 to 0	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured	
<input type="checkbox"/> Concrete Grout	to	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured	
<input type="checkbox"/> ≥30% Bentonite Grout	to	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured	
Gravel Pack: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1120 to -8.50	<input type="checkbox"/> Pumped	<input checked="" type="checkbox"/> Poured	
Type:				
Bentonite Chips: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	to	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured	
Type:				

7. Water Level  
Static water level: 210 feet below land surface  
Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
Water Temperature: Cool °F  
Quality: Unknown

8. WELL TEST DATA			
TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailor <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 Parsons Drilling, Inc. Contractor  
Address P.O. Box 1265 Contractor  
Fallon, NV 89407  
Nevada contractor's license number issued by the State Contractor's Board 29064  
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2307  
Signed [Signature]  
By driller performing actual drilling on site or contractor  
Date 10/7/2011

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MAILING ADDRESS HC 61 Box 165 Battle Mountain, NV 89820  
Battle Mountain, NV 89820 Subdivision Name: \_\_\_\_\_ County: Lander

2. LOCATION SE 1/4 NE 1/4 Sec 12 T 24N N/S R 40 E Latitude 40° 11' 41" N UTM E 39,968,853 m  NAD 27 / Dec. Deg.  
PERMIT/WAIVER No. NW 80795T Longitude -117° 27' 08.5" W N 117,495,699 m  NAD 83 / UGS 84

Issued by Water Resources Parcel No. \_\_\_\_\_

3. WORKED PERFORMED  New Well  Replace  Recondition  
 Deepen  Other

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

5. WELL TYPE  Cable  Rotary  RVC  
 Air  Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Brown Clay w/ streaks Gravel	X	588	605	17
Brown Clay		605	638	33
Brown Clay w/ Gravel	X	638	656	18
Brown Clay		656	660	4
Brown Clay		660	707	47
Sand w/ Gravel	X	707	716	9
Brown Clay w/s Gravel	X	716	743	27
Gravel	X	743	755	12
Gravel w/s Clay	X	755	766	11
Brown Clay		766	778	12
Gravel w/s Sand	X	778	786	8
Gravel w/ Clay	X	786	797	11
Clay w/ Gravel	X	797	809	12
Gravel	X	809	817	8
Brown Clay		817	896	79
Clay w/ Gravel	X	896	935	39
Brown Clay		935	955	20
Hard Brown Rock	X	955	968	13
Brown Clay		968	990	22
Clay		990	1016	26
Gray Clay w/s Sand		1016	1023	7
Brown Clay		1023	1047	24
Gray Clay w/s Sand		1047	1054	7
Gray Clay	XX	1054	1120	66

9. WELL CONSTRUCTION

Depth Drilled 1120 Feet Depth Cased 1120 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
36 Inches	0	50 Feet
24 Inches	0	1120 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
30	39.5	.109	0	50
16	52.27	.312	0	1120

Perforations:

Type of perforation Double Row  
Size of perforation 0.25

From 170 feet to 1120 feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Annular Seal:  Yes  No

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

Gravel Pack:  Yes  No 1120 to 0  Pumped  Poured  
Type: \_\_\_\_\_  
Bentonite Chips:  Yes  No \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
Type: \_\_\_\_\_

Date started: 26-Sep, 20 11  
Date completed: 30-Sep, 20 11

7. Water Level  
Static water level: 210 feet below land surface  
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By driller performing actual drilling on site or contractor  
Date 10/7/2011