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

OFFICE USE ONLY
Log No. 111191
Permit No. 77641
Basin 137B

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. 64973

1. OWNER Young Brothers
MAILING ADDRESS HC 65 Box A
Austin, NV 89310

ADDRESS AT WELL LOCATION Big Smokey Valley (North Part)
Austin, NV 89310
Subdivision Name: County: Lander

2. LOCATION NE ¼ NE ¼ Sec 21 T 16N N/S R 44 E
PERMIT/WAIVER No. 77641 (Issued by Water Resources) Parcel No.

Latitude 39.24163 N
Longitude -117.02845 W
UTM E N
☐ NAD 27 ☒ 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	Thickness
Sand & Gravel		0	35	35
Sand gravel w/s clay		35	55	20
Gravel w/s sand		55	60	5
Medium-Large Gravel		60	112	72
Small Gravel		112	146	34
Medium Gravel	X	146	158	12
Medium Gravel w/string clay	X	158	197	39
Brown Clay		197	210	13
Gravel w/s sand	X	210	255	45
Gravel w/s Clay	X	255	270	15
Sand w/s gravel	X	270	400	130
Gravel Sand	XX	400	425	25
Clay		425	450	25

Date started: 7-Jun, 20 2010
Date completed: 10-Jun, 20 2010

9. WELL CONSTRUCTION
Depth Drilled 450 Feet Depth Cased 450 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
36	Inches	0	Feet	20	Feet
24	Inches	20	Feet	450	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
18	58.9	.312	0	145
16	42.1	.250	145	410
18	58.9	.312	410	450

Perforations:
Type of perforation Mill cut
Size of perforation 3\16
From 145 feet to 410 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 0 to 100 ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 100 to 450 ☐ Pumped ☒ Poured
Type: 3/8"
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: 87 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: Cool °F
Quality: Unknown

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☒ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
2000	43	8

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 (Driller performing actual drilling on site or contractor)
Date 6/18/2010

(Rev. 06-08) NAD-27 GPS 39.2417 °N 117.027530 °W

USE ADDITIONAL SHEETS IF NECESSARY

PLO. F