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

OFFICE USE ONLY
Log No 124929
Permit No.
Basin No. 187

PRINT OR TYPE IN BLACK INK 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. 74337
WELL NAME *(If applicable)*:

1. OWNER/CLIENT NAME WADSWORTH BROTHERS / NDOT
MAILING ADDRESS 1350 EAST DRAPER PARK WAY
DRAPER, ut 84020

DETAILED ADDRESS AT WELL LOCATION EAST OF OASIS OFF I-80
Subdivision Name: BLM *County:* ELKO

2. PLS LOCATION SW ¼ NW ¼ 18 Sec 36 N/S 67 E
PERMIT/WAIVER NO. C.287 *Issued by Water Resources* 010-110-900 *Current Parcel No.*

Latitude 41 00' 18" -NAD83 UTM E 714619 [X] NAD 27
Longitude 114 26' 46" -NAD83 UTM N 4542227 [ ] NAD 83/WGS 84

3. WORKED PERFORMED
[X] New Well [ ] Deepen: Orig WL#
[ ] Replacement: Original well log #
[ ] Recondition: Original well log #

4. PROPOSED USE
[ ] Domestic [ ] Irrigation [ ] Monitor
[ ] Mining / Dewater [X] Com / Ind [ ] Stock
[ ] Test / Other [ ] Mun / QM [ ] Rec

5. WELL TYPE
[ ] Auger [X] Rotary [ ] RVC
[X] Air [ ] Mud [ ] Sonic
[ ] Other

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To
TOP SOIL			0	2'
SAND & GRAVEL			2'	20'
COARSE SAND			20'	30'
SAND & GRAVEL			30'	60'
CLAY & GRAVELS			60'	90'
GRAVEL			90'	120'
FINE GRAVEL & CLAY			120'	150'
GRAVEL		X	150'	160'
VERY COARSE SAND			160'	170'
FINE GRAVEL			170'	220'
COARSE SAND			220'	230'
GRAVEL		XX	230'	300'
1ST WATER @ 150'				
2ND WATER @ 240'				

Date started: 22-Mar , 20 16
Date completed: 25-Mar , 20 16

9. CONSTRUCTION
Depth Drilled: 300' Feet Depth Cased: 300' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 5/8	Inches	0	Feet	300'	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6.625	13	.188	+1.5	300'

ANNULAR MATERIALS
Sanitary Seal [X] Yes [ ] No

[X] Neat Cement	5' to 25'	[ ] Pumped	[X] Poured
[ ] Cement Grout	to	[ ] Pumped	[ ] Poured
[ ] Concrete Grout	to	[ ] Pumped	[ ] Poured
[X] Bentonite Chips	25' to 55'	[ ] Pumped	[X] Poured
[X] Gravel Pack [> 0.2 in.]	55' to 300'	[ ] Pumped	[X] Poured
[ ] Sand Pack [< 0.2 in.]	to	[ ] Pumped	[ ] Poured
[ ] Other, explain:	to	[ ] Pumped	[ ] Poured

PERFORATIONS:
Type of perforation: PLASMA CUT & STUCKY PERFORATOR
Size of perforation: 3/16" X 4" 6 ROWS

From	Feet	To	Feet
260'		300'	
160' S		220' S	
140'		160'	
120' S		140' S	

7. WATER QUALITIES
Static water level: 106' Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 60 ° Fahrenheit
Water Quality: GOOD

8. WELL TEST DATA
Test Method: [ ] Bailer [ ] Pump [X] Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
300'	75	120'=3 .5HR	1HR.
280'	75		1HR.
220'-180'	60	NAD 27	1.5HR.
160'	50	41.004908	.5HR
140'	28	114.448095	.5HR

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name HACKWORTH DRILLING INC. Contractor
Address P.O. BOX 850, ELKO, NV 89803 Contractor
Nevada contractor's license number as issued by the *State Contractor's Board:* 0020562
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* 1486
Signed: [signature] *By driller performing actual drilling on site or contractor*
Date: 3/28/2016

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(Rev 12-13) USE ADDITIONAL SHEETS IF NECESSARY

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STATE ENGINEER'S OFFICE