

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

OFFICE USE ONLY  
Log No. 115160  
Permit No. 81267  
Basin 049

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. 67610

1. OWNER NATIONAL OILWELL VARCO LP. ADDRESS AT WELL LOCATION 9006 E. IDAHO ST  
MAILING ADDRESS P.O. BOX 900 ELKO, NV  
WELLS, NV 89835 Subdivision Name: ELKO RAILPORT County: ELKO

2. LOCATION SE 1/4 NW 1/4 Sec 10 T 35N N/S R 56 E Latitude UTM E 11T 0613499  NAD 27  
PERMIT/WAIVER No. 81267 006-320-039 Longitude N 4532487  NAD 83/WGS 84

Issued by Water Resources Parcel No.

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
COMPACTED FILL		0	8	8
TOPSOIL		8	11	3
SAND & GRAVEL	X	11	35	24
GREY/GREEN SHALE		35	120	85
TAN/GREEN SHALE		120	170	50
TAN/BROWN SHALE		170	240	70
TAN/BRN SHALE W/OXIDIZED	XXX	240	270	30
TAN SHALE		270	280	10
FIRST WATER @ 11'				
SECOND WATER @ 180'				
THIRD WATER @ 240'				

9. WELL CONSTRUCTION

Depth Drilled 280 Feet Depth Cased 280 Feet

HOLE DIAMETER (BIT SIZE)

From	To	Feet	Feet
<u>12 3/4</u> Inches	<u>0</u> Feet	<u>280</u> Feet	
Inches	Feet	Feet	Feet
Inches	Feet	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>8 5/8</u>	<u>18</u>	<u>.188</u>	<u>+2</u>	<u>280</u>

Perforations:

Type of perforation PLASMA CUT  
Size of perforation 3/16" X 4", 8 ROWS

From	feet to	feet	feet
<u>240</u>	<u>280</u>		

Annular Seal:  Yes  No

<input checked="" type="checkbox"/> Neat Cement	<u>5</u> to <u>100</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Cement Grout	to	<input 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	<u>100</u> to <u>280</u>	<input type="checkbox"/> Pumped	<input checked="" type="checkbox"/> Poured
Type:	<u>3/8" WASHED PEA GRAVEL</u>		
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: 20 feet below land surface  
Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
Water Temperature: 52 °F  
Quality: GOOD

8. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>125 PSI @</u>			
<u>825 CFM</u>	<u>150+</u>		

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name HACKWORTH DRILLING, INC.  
Contractor

Address P. O. BOX 850  
Contractor

ELKO, NV 89803

Nevada contractor's license number 020582  
issued by the State Contractor's Board

Nevada driller's license number issued by the 1408  
Division of Water Resources, the on-site driller

Signed [Signature]  
By driller performing actual drilling of site or contractor

Date 2/22/2012

40.937542°N  
115.651779°W NAD27