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

OFFICE USE ONLY
Log No. 122812
Permit No.
Basin No. 062

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. 36747
WELL NAME (if applicable) MW-2R

1. OWNER/CLIENT NAME HALLIBURTON ENERGY SERVICES
MAILING ADDRESS 912 DUNPHY RANCH RD
BATTLE MOUNTAIN NV 89820

DETAILED ADDRESS AT WELL LOCATION ROSS MINE
Subdivision Name:
County: ELKO

2. PLS LOCATION NE ¼ SW ¼ 22 Sec. 37 N/S 49 E
PERMIT/WAIVER NO. M10-2002 (Issued by Water Resources) Current Parcel No.

Latitude 179778.11 UTM E ☐ NAD 27
Longitude 14919595.24 UTM N ☐ NAD 83/WGS 84

3. WORKED PERFORMED
☐ New Well ☐ Deepen: Orig WL#
☒ Replacement: Original well log # 117292
☐ Recondition: Original well log #

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☒ Monitor
☐ Mining / Dewater ☐ Com / Ind ☐ Stock
☐ Test / Other ☐ Mun / QM ☐ Rec

5. WELL TYPE
☐ Auger ☒ Rotary ☐ RVC
☐ Air ☐ Mud ☐ Sonic
☐ Other

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To
ALLUVIUM SAND BROWN			0	8
SILTY SAND W/GRAVEL BROWN			8	20
STIFF LIGHT GRAY CLAY			20	38
SANDSTONE REDISH BROWN			38	57
SILTY SAND REDISH		62	57	62
BROWN CLAY WITH SAND			62	76
SILTY CLAY + SAND BROWN			76	104
BLACK CHERT			104	115
NAD 27				
41.067567°N				
116.427853°W				

Date started: JUNE 25, 20 15
Date completed: JUNE 26, 20 15

7. WATER QUALITIES
Static water level: 62 Feet below land surface
Artesian Flow: NO G.P.M. P.S.I.
Water Temperature: COOL °Fahrenheit
Water Quality: CLEAR

8. WELL TEST DATA
Test Method: ☐ Bailer ☐ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)

9. CONSTRUCTION
Depth Drilled: 115 Feet Depth Cased: 115 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 5/8	Inches	0	Feet	70	Feet
8 1/2	Inches	70	Feet	115	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4 in PVC SCH 40			110	115
4 in PVC SCH 40			+3	60

ANNULAR MATERIALS
Sanitary Seal ☒ Yes ☐ No

☒ Neat Cement	0	to 20	☒ Pumped	☐ Poured
☐ Cement Grout		to	☐ Pumped	☐ Poured
☐ Concrete Grout		to	☐ Pumped	☐ Poured
☒ Bentonite Chips	56	to 58	☐ Pumped	☒ Poured
☐ Gravel Pack [> 0.2 in.]		to	☐ Pumped	☐ Poured
☒ Sand Pack [< 0.2 in.]	58	to 115	☐ Pumped	☒ Poured
☒ Other, explain:	20	to 56	☒ Pumped	☐ Poured

BENITONITE GROUT

PERFORATIONS:
Type of perforation: MILL
Size of perforation: 0.010

From 60 Feet	To 110 Feet		
From Feet	To Feet		
From Feet	To Feet		
From Feet	To Feet		
From Feet	To Feet		

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name YELLOW JACKET DRILLING (Contractor)
Address 3922 E UNIVERSITY DR SUITE 1 PHOENIX AZ (Contractor)
Nevada contractor's license number as issued by the State Contractor's Board: 0053804A
Nevada well driller's license number as issued by the Nevada Division of Water Resources (on-site driller): 2263-M
Signed: Jeff Rawlett (By driller performing actual drilling on site of contractor)
Date: JUNE 26 2015

(Rev. 12-13) USE ADDITIONAL SHEETS IF NECESSARY pg. of pg.

Replaces Well log 117292