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

OFFICE USE ONLY
Log No. 122811
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. 36748
WELL NAME (If applicable): MW-5

1. OWNER/CLIENT NAME HALLIBURTON ENERGY SERVICES
MAILING ADDRESS 9/2 DUNPHY RANCH ROAD, BATTLE MOUNTAIN, NV 89820

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

2. PLS LOCATION SW ¼ SW ¼ 15 Sec 37 N/S 49 E
PERMIT/WAIVER NO. M10-2002 (Issued by Water Resources) 004-610-900 (Current Parcel No.)
Latitude 41.077519 UTM E [redacted] ☐ NAD 27
Longitude 116.434539 UTM N ☐ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Deepen: Orig WL#
☐ Replacement: Original well log #
☐ 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
CLAY w/ SAND			0	6
REDISH BROWN CHERT			6	15
GRAY CHERT			15	50
LIGHT RED CHERT			50	265
DARK REDDISH CHERT			265	300
NAD 27				
41.077610°N				
116.433613°W				

Date started: JUNE 18, 20 15
Date completed: JUNE 25, 20 15

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

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: 300 Feet Depth Cased: 300 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 5/8	Inches	0	Feet	30	Feet
9 7/8	Inches	30	Feet	240	Feet
8 1/2	Inches	240	Feet	300	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4 in PVC	SCH 40		295	300
4 in PVC	SCH 40		+3	245

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	239 to 243	☐ Pumped	☒ Poured
☐ Gravel Pack [> 0.2 in.]	to	☐ Pumped	☐ Poured
☒ Sand Pack [< 0.2 in.]	243 to 300	☐ Pumped	☒ Poured
☒ Other, explain: BENTONITE GROUT	20 to 239	☒ Pumped	☐ Poured

PERFORATIONS:
Type of perforation: MILL
Size of perforation: 0.010
From 245 Feet To 295 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 (Contractor) YELLOW JACKET DRILLING
Address (Contractor) 3920 E. UNIVERSITY DR. SUITE 1 PHOENIX, AZ
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 Rawlins (By driller performing actual drilling on site or contractor)
Date: JUNE 25 2015

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