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

OFFICE USE ONLY
Log No. 116022
Permit No.
Basin 155A

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

Please complete this form it its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 69364

1. OWNER Timberline Resources Corp
MAILING ADDRESS 101 E. Lakeside Coeur d'Alene ID 83814

ADDRESS AT WELL LOCATION Ratto Springs 155A / Little Smokey Valley BHMW-003

2. LOCATION SE ¼ SW ¼ Sec 27 T 18 N/S R 53 E
PERMIT/WAIVER No. 1755A (Issued by Water Resources) 1514 Parcel No.

Latitude
Longitude
Subdivision Name N/A

UTM E 586,826 ☒ NAD 27
N 4,304,425 ☐ NAD 83/WGS 84
County: Eureka

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
Hard Fracture Igneous		0	245	245
Hard Rock		245	586 585	340'
Fill placed 555' to 585'				

39.399840°N NAD 27
115.991631°W

Date started 10-4-12, 20 12
Date completed 10-11-12, 20

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
4		
39.399840°N	NAD 27	
115.991631°W		

8. WELL CONSTRUCTION
Depth Drilled 586' 585 Feet Depth Cased 555' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
8¾"	Inches	25'	Feet	245'	Feet
8½"	Inches	245'	Feet	586'	Feet
	Inches		Feet	585	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4½"		1/4"	18"+	555'

Perforations:
Type of perforation SLOT
Size of perforation 1/8"
From 154' feet to 555' feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 50'
Placement Method: ☒ Pumped ☐ Poured
Bentonite 60' - 245'
Gravel Packed: ☒ Yes ☐ No
From 152' feet to 555' feet

Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout

9. WATER LEVEL
Static water level 483' feet below land surface
Artesian flow NONE G.P.M. 4 P.S.I
Water temperature °F Quality

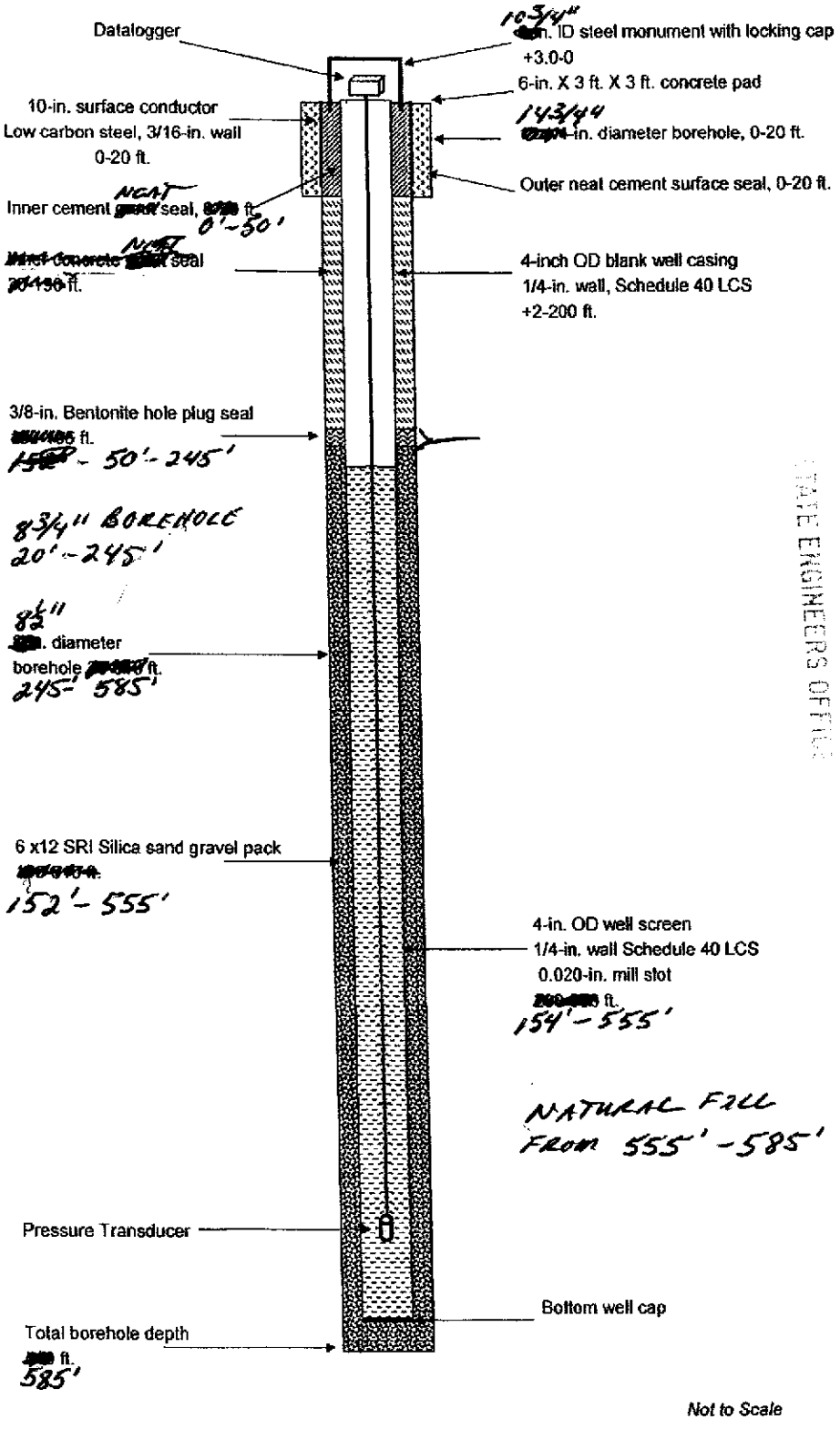
10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Robert Longyear (Contractor)
Address P.O. Box 2748 Elko, NV 89803 (Contractor)
Nevada contractor's license number issued by the State Contractor's Board 0073086
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2426
Signed Todd McManus (By driller performing actual drilling on site or contractor)
Date 10-15-12

(Rev. 06/10)

USE ADDITIONAL SHEETS IF NECESSARY

BHMW-003 Schematic Construction Diagram
Timberline Resources Corp.
Lookout Mountain Project

Schlumberger WATER SERVICES



Not to Scale

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