WHITE—DIVISION OF WATER RESOURCES
CANARY—CLIENT'S COPY
PINK—WELL DRILLER'S COPY

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STATE OF NEVADA
DIVISION OF WATER RESOURCES

# WELL DRILLER'S REPORT

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

OFFICE USE ONLY
Log No. 70484
Permit No.
Basin 41

NOTICE OF INTENT NO. 36945

1. OWNER Mike Thurmond & Marcia Rutherford
MAILING ADDRESS P.O. Box 344, Elko, NV 89803
ADDRESS AT WELL LOCATION None

2. LOCATION SW ¼ NE ¼ Sec. 6 T. 34 N/S R. 56 E/W Elko County
PERMIT NO. (Issued by Water Resources) Lot 65, Blk E (Parcel No.) Last Chance Ranch Unit #3 (Subdivision Name)

3. WORK PERFORMED
☑ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Abandon ☐ 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 |
|---|---|---|---|---|
| Clay, gravel, boulder | | 0 | 10 | 10 |
| Mostly clay (tuff) | | 10 | 80 | 70 |
| Shale-Soft, blue-gray | | 80 | 260 | 180 |
| Sandy shale | 5 gpm | 260 | 265 | 5 |
| Shale | | 265 | 290 | 25 |
| Sand & shale | 10 gpm | 290 | 340 | 50 |
| T.D. | | 340 | | |

Date started 12-2, 1997
Date completed 12-12, 1997

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

| G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|---|---|---|
| 15 | 65 | 2 hrs |

8. WELL CONSTRUCTION
Depth Drilled 340 Feet Depth Cased 341 Feet

HOLE DIAMETER (BIT SIZE)

| | | From | To |
|---|---|---|---|
| 10 Inches | 0 Feet | 60 Feet | |
| 8 Inches | 60 Feet | 340 Feet | |
| Inches | Feet | Feet | |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 6 5/8 | 12.92 | .188 | +1 | 340 |

Perforations:
Type perforation Mill slots & torch cut
Size perforation 1/8 x 3" & 1/16 x 4"
From feet to feet
From 260 feet to 280 Torch cut feet
From 280 feet to 340 mill slot feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 50
Placement Method: ☐ Pumped ☑ Poured
Seal Type: ☐ Neat Cement ☑ Cement Grout ☐ Concrete Grout

Gravel Packed: ☑ Yes ☐ No
From 50 feet to 340 feet

9. WATER LEVEL
Static water level 140 feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature Cold °F Quality Fair

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Muth Drilling Co. (Contractor)
Address 205 Pine Street, Elko, NV 89801
Nevada contractor's license number issued by the State Contractor's Board 10819
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 632
Signed James V. Muth (By driller performing actual drilling on site or contractor)
Date 1-6-98

(Rev. 3-91)
USE ADDITIONAL SHEETS IF NECESSARY
(O)-627