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. 81905
Permit No.
Basin 230

NOTICE OF INTENT NO. 22347

1. OWNER NYE COUNTY
MAILING ADDRESS
ADDRESS AT WELL LOCATION MILE MARKER #40 ON US 95 2½ MILES NORTH

2. LOCATION SE ¼ NW ¼ Sec. 22 T. 14 N/S R. 48 E. County
PERMIT NO. Issued by Water Resources | Parcel No. | HOLE # 75 | 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 |
|---|---|---|---|---|
| SEE ATTACHED SHEET # | | | | |

Received 11-7-00 WC

OPERATIONS SUSPENDED MAY 5 2000 WILL RESUME COMPLETION WITH NEW BUDGET.

Date started APRIL 13 2000, 19
Date completed MAY 5 2000, 19

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

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

8. WELL CONSTRUCTION
Depth Drilled ~~748~~ 778 Feet Depth Cased 50' Feet

HOLE DIAMETER (BIT SIZE)

| | From | To |
|---|---|---|
| 12¾ Inches | 0 Feet | 750' Feet |
| Inches | Feet | Feet |
| Inches | Feet | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 16 | 42# | 1/4" | 0 | 50' |

Perforations:
Type perforation N/A
Size perforation
From feet to 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
Seal Type: ☐ Neat Cement ☐ Cement Grout ☐ Concrete Grout

Gravel Packed: ☐ Yes ☑ No
From feet to feet

9. WATER LEVEL
Static water level 22' feet below land surface
Artesian flow G.P.M. 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 LAYNE CHRISTENSEN CO.
Contractor
Address 12030 E RIGGS RD
Contractor
CHANDLER

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

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1813

Signed [signature]
By driller performing actual drilling on site or contractor
Date MAY 3 2000

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

SUMMARY **CUTTINGS SAMPLE LOG** Log 81905

~~CONTINUATION~~

Borehole ID NC-EWDP-07SC Drill Depth From 0 To 778.5 Page 1 of 1

| DEPTH (Feet) | Top/Bottom of Cuttings Sample Interval | Description of Lithology - Petrology | GRAPHIC LOG | LITHOLOGIC UNIT | Notes |
|---|---|---|---|---|---|
| | | TO 48', GRAVEL WITH PEBBLE TO COBBLE SIZE CLASTS | | | 16" CASING SET TO 62.66'. DRILLED WITH AUGER RIG WATER AT 24.3' ON 03-14-00 @ 1115 HRS. |
| | | 48' TO 62.66' CLAY DRY, COMPACT WITH COARSE SAND & COBBLES | | | |
| 60' | 62.66' | SILTY GRAVEL LIMESTONE/DOLOMITE PEBBLES OF MEGABRECCIA MULTICOLORED, MINOR VOLCANIC CLASTS | | | |
| | 90' | CLAY RICH SECTION WITH LIMESTONE/DOLOMITE CLASTS AS ABOVE | | | |
| 120' | 115' | | | | |
| | 125' | SAND & SILT, MINOR GRAVEL | | | |
| | | SAND WITH MINOR GRAVEL, MED. LIGHT GRAY (N6) CARBONATE SOURCE MATERIAL | | | ABOUT 5 GAL/MIN, ESTIMATED |
| | 162' | ASH FALL TUFF PALE RED (10R 6/2) | | | |
| 180' | | 10% FELDSPAR PHENOCRYSTS, 5% QUARTZ, 1% BIOTITE | | | |
| | 195' | ASH FALL TUFF SAND SIZE MATERIAL, PALE RED (10R 6/2) | | | |
| | 210' | ASH FALL TUFF, GRAY (N5-N6), LOCAL SAND SIZE MATERIAL | | | INTERVAL CONTAMINATED @ 230' BIT WAS PULLED BACK 80' WHEN RODS STARTED TO STICK |
| 240' | 250' | SILTY, CLAYED SAND WITH GRAVEL, CLAY IS PALE BROWN (5YR 5/2) | | | |
| | 265' | CLAY & SILT GRADES DOWN TO SAND & GRAVEL GRAYISH ORANGE PINK (5YR 7/2) | | | |
| 300' | 305' | CLAY RICH SILT GRADES DOWN TO SANDY GRAVEL MOD ORANGE (10R 6/4) | | | |
| 360' | | | | | |
| 420' | 420' | | | | |
| | 425' | CLAY MOD. ORANGE (10R 6/4) | | | |
| | | SILTY SAND LOCAL CLAY & MINOR GRAVEL MOD. ORANGE (10R 6/4) | | | INCREASE IN WATER RETURN |
| 480' | 480' | | | | |
| | | CLAY MINOR SAND & SILT, PALE RED (10R 6/2) | | | < 5 GAL/MIN, INJECTED WATER |
| | 510' | TUFF OR TUFFACEOUS SAND, MOD. RED (5R 5/6) | | | |
| 540' | 530' | INTERBEDDED CLAY, SAND & GRAVEL, POLYMICTIC | | | |
| | 567' | ASH FALL TUFF MOD. BROWN (5YR 4/4), FINE POROUS TEXTURE | | | 20 GAL/MIN, ESTIMATED |
| 600' | 595' | ASH FALL TUFF SAND SIZE MATERIAL, LOCAL CLAY ALTERATION LIGHT BROWN (5YR 6/4) | | | |
| | 627' | ASH FALL TUFF MOSTLY LT. BROWNISH GRAY (5YR 6/1) BECOMES LT. GRAY (N8) WHEN DRY 10% FELDSPAR PHENOCRYSTS, 1-2% MAFICS (BIOTITE) | | | 10-15 GAL/MIN, ESTIMATED |
| 660 | | | | | |
| 720 | | | | | |
| 778.5 | T.D. | | | | |

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