

HMW-15

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

STATE OF NEVADA
DIVISION OF WATER RESOURCES

OFFICE USE ONLY
Log No. 77685
Permit No.
Basin. 212

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

WELL DRILLER'S REPORT

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

NOTICE OF INTENT NO. 191686

1. OWNER: HANCOCK PETROLEUM Co.
MAILING ADDRESS: 715 W. BONANZA Rd.
LAS VEGAS NV. 89106
ADDRESS AT WELL LOCATION: 715 W. BONANZA Rd.
LAS VEGAS NV. 89106
2. LOCATION: NW 1/4, SW 1/4 Sec. 27, T. 20, N. 61, E.
CLACK County
PERMIT NO.: 139-27-401-001
Issued by Water Resources Parcel No. 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 ASA-CHE25

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>ASPHALTIC CONCRETE</u> <u>4 INCHES THICK BROWN</u> <u>TYPE II BANKFILL MATERIAL</u>		<u>0'</u>	<u>3'</u>	<u>3'</u>
<u>BROWN SILTY CLAY</u>		<u>3'</u>	<u>7'</u>	<u>4'</u>
<u>GRAY SILTY CLAY</u>		<u>7'</u>	<u>8'</u>	<u>1'</u>
<u>GRAY CLAYEY SILT</u>		<u>8'</u>	<u>10'</u>	<u>2'</u>
<u>CALICHE LAYER</u>		<u>10'</u>	<u>12'</u>	<u>2'</u>
<u>GRAY CLAYEY SILT</u>		<u>12'</u>	<u>15'</u>	<u>3'</u>
<u>CALICHE LAYER</u>		<u>15'</u>	<u>16'</u>	<u>1'</u>
<u>GRAY SILTY CLAY WET</u> <u>HYDROCARBON OIL</u>		<u>17'</u>	<u>16'</u>	<u>1'</u>
<u>CALICHE</u>		<u>17'</u>	<u>18'</u>	<u>1'</u>
<u>END OF BOREHOLE @ 18'</u>				

8. WELL CONSTRUCTION
Depth Drilled: 18 Feet Depth Cased: 18 Feet
HOLE DIAMETER (BIT SIZE)
From 8 Inches To 0 Feet 18 Feet
Inches Feet Feet
Inches Feet Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>4"</u>	<u>.203</u>	<u>.237</u>	<u>0</u>	<u>18</u>

Perforations:
Type perforation
Size perforation: .020 inches
From 5 feet to 18 feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: Yes No Seal Type:
Depth of Seal: 1' Neat Cement
Placement Method: Pumped Cement Grout
 Poured Concrete Grout
Gravel Packed: Yes No
From 3' feet to 18 feet

9. WATER LEVEL
Static water level: n/a feet below land surface
Artesian flow: n/a G.P.M. P.S.I.
Water temperature: °F Quality:

Date started: 10-27-99, 19____
Date completed: 10-27-99, 19____

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift		<u>n/a</u>	

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name: (Thomas Spiloto) West Hazmat Drilling
Contractor
Address: 1016 E. HATILLA AVE.
Contractor
ANNAHEIM CA 92305
Nevada contractor's license number issued by the State Contractor's Board: 0031386
Nevada driller's license number issued by the Division of Water Resources, the on-site driller: MA2129
Signed: Thomas Spiloto
By driller performing actual drilling on site or contractor
Date: 11-28-99