MW 6

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

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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. 73938
Permit No.
Basin 212

NOTICE OF INTENT NO. 38804

1. OWNER SHELL OIL - Carson Terminal
MAILING ADDRESS P.O. Box 6249
Carson, CA 90749

ADDRESS AT WELL LOCATION
65 W. Lake Mead Drive
Henderson, NV

2. LOCATION ¼ NW ¼ Sec. 18 T. 22 N/S R. 63 E. CLARK County
PERMIT NO. MO - 2743 (Issued by Water Resources) | 179 - 18 - 204 - 009 (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 HOLLOW STEM

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
SAND - FINE TO COARSE		0	7	DENSE
SAND - FINE		7	12	
PROPABLE FILL				
SAND - FINE TO COARSE		12	28	DENSE
GRAVELLY SAND- fine TO COARSE		28	43	DENSE
SAND - FINE TO COARSE		43	58	DENSE
SILTY SAND- FINE TO MEDIUM - CALICHE AT 75'		58	80	DENSE

DCNR/DWR Received FEB 12 1999 LAS VEGAS OFFICE

Date started 10-9, 19 97
Date completed 10-9, 19 97

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 80 Feet Depth Cased 80 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
11 Inches		0 Feet	80 Feet
Inches		Feet	Feet
Inches		Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4.5	21lbs	.025"	0	60'

Perforations:
Type perforation MILL SLOT
Size perforation .020"
From 60' feet to 80' feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 57'
Placement Method: ☒ Pumped ☐ Poured
Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout

Gravel Packed: ☒ Yes ☐ No
From 57 feet to 80 feet

9. WATER LEVEL
Static water level 1807.07 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 Gregg Drilling & Testing, Inc. (Contractor)
Address 2726 Walnut Avenue (Contractor)
Signal Hill, CA 90806
Nevada contractor's license number issued by the State Contractor's Board 0038113
Nevada driller's license number issued by the Division of Water Resources, the on-site driller M2018
Signed (By driller performing actual drilling on site or contractor)
Date 2-9-99

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

WAYNE PERRY, INC.
Buena Park, CA

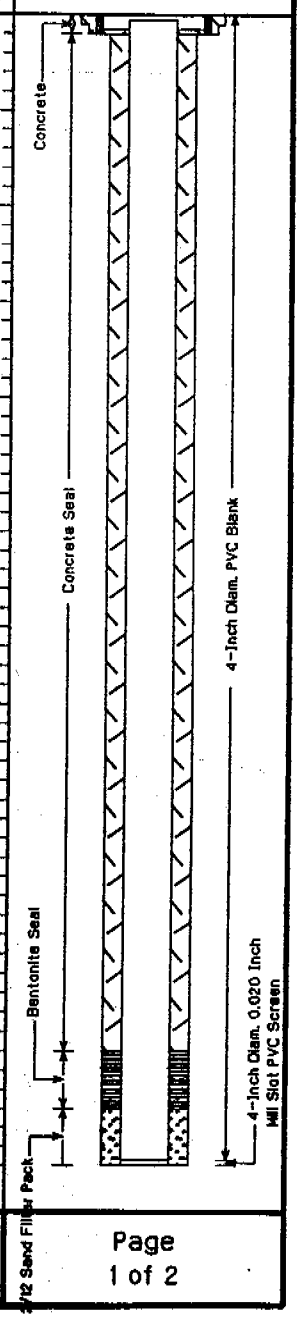
Log of WELL MW-6

PROJECT: *Shell Oil Company* WIC No. 227-4080-0101	SURFACE ELEVATION:
LOCATION: *65 W. Lake Mead Blvd, Henderson,*	TOTAL DEPTH: *80 ft.* DIAMETER: *11 inches*
PROJECT NO.: *96.023*	DEPTH TO FIRST SATURATION:
DATE BEGAN: *10/7/97* FINISHED: *10/7/97*	WELL CASING ELEVATION: *1878.29 ft.*
DRILLING COMPANY: *Gregg Drilling & Testing*	STATIC WATER LEVEL: *1807.07 ft.* DATE: *11/6/97*
DRILLING METHOD: *Mari Hollow Stem Auger*	LOGGED BY: *MSW*

This log is a representation of subsurface conditions at the time and place of drilling. With the passage of time or at any other location, there may be consequential changes in conditions.

DEPTH (feet)	Samples	Sample I.D.	Time	Blows/6"	Geologic Description	PID/LEL (ppm/%)	Soil Class	Graphic Log	DEPTH (feet)
					Asphalt.				
					Aggregate base.		sp		
5	X	MW-6@5'	7:55	3/8/10	*SAND*: fine- to coarse-grained, red brown, moist, dense. trace gravel.	0			5
10	X	MW-6@10'	8:00	2/2/3	*SAND*: fine-grained, yellow brown, moist, loose, (probable fill)	---	sp		10
15	X	MW-6@15'	8:05	8/10/16	*SAND*: fine- to coarse-grained, red brown, moist, dense; trace gravel.	---	sp		15
20	X	MW-6@20'	8:10	13/18/25		1			20
25	X	MW-6@25'	8:15	18/38/35		1			25
30	X	MW-6@30'	8:25	6/9/4	Gravelly *SAND*: fine- to coarse-grained, red brown, moist, dense.	1500	sp		30
35	X	MW-6@35'	8:35	12/35/24		5			35
40	X	MW-6@40'	8:40	24/50 for 5"		5			40
45	X	MW-6@45'	8:50	25/28/20	*SAND*: fine- to coarse-grained, light brown, moist, dense; trace silt and gravel.	5	sp		45
50	X	MW-6@50'	8:55	18/23/25	Partially cemented with caliche at 50 feet.	55			50
55	X	MW-6@55'	9:00	26/29/30		5			55
60	X	MW-6@60'	9:05	24/28/30	Silty *SAND*: fine- to medium-grained, brown, moist, dense.	5	sm		60

Well Diagram



DCNR/DWR
Received
FEB 12 1999
LAS VEGAS OFFICE

Remarks/Notes: 1) Bottom of boring at 80 feet.
2) Contacts dashed where approximate.

WAYNE PERRY, INC.
Buena Park, CA

Log of WELL MW-6

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PROJECT NO.: *96.023*
LOCATION: *65 W. Lake Mead Blvd, Henderson,*
DATE BEGAN: *10/7/97*

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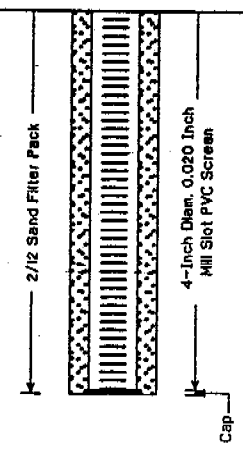
DEPTH (feet)	Samples	Sample I.D.	Time	Blows/6"	Geologic Description	PID/LEL (ppm/%)	Soil Class	Graphic Log	DEPTH (feet)
							sm		
65	☒	MW-6@65'	9:15	18/20/31		500			65
70	☒	MW-6@70'	9:25	20/22/12		300			70
75	☒	MW-6@75'	9:35	12/19/34	Some caliche in 75 ft sample saturated at 75 ft.	80			75
80	☒	MW-6@80'	9:45	20/24/30		30			80
					Bottom of Boring.				
85									85
90									90
95									95
100									100
105									105
110									110
115									115
120									120
125									125
130									130

Well Diagram



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