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. 40228
Permit No.
Basin 212

NOTICE OF INTENT NO. 10316

1. OWNER Dynair Fueling Inc
MAILING ADDRESS PO Box 11065 Tank Farm McCarren Int'l Airport Las Vegas Nev 89111
ADDRESS AT WELL LOCATION Dynair PO Box 11065 Witty Hawk Rd Tank Farm McCarren Int'l Airport Las Vegas NV 89111

2. LOCATION NW ¼ SW ¼ Sec. 27 T. 21 N R 61 E Clark County
PERMIT NO. MO-2188/R-1001 (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 Auger

6. # TW-1 LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Lt Brn Sandy		0		
Gravel's & Silty				
Sand's			11	11
Caliche white/orange		11	21½	10½
grayish Orange Sand		21½		
Very fine & wet			25	3½
Small Caliche layer		25	26	1
yellowish Brn		26		
Silty Sand			30½	4½
yellowish Brn		30½	33½	
Silty clay's			33	3
yellow Brn		33½		
Silty Sand's with				
Small gravel up to				
1" in Size			48	15½

Well # TW-1

RECEIVED
NOV 13 1992
Div. of Water Resources
Branch Office - Las Vegas, NV

Date started 10/15, 1992
Date completed 10/19, 1992

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 48 Feet Depth Cased 46 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
12 Inches	0 Feet	48 Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6½	low carbon	1/4 wall	1	21
6½	wire wrap	stainless steel	21	41
6½	low carbon	Steel 1/4	41	46

Perforations:
Type perforation 6" wire wrap
Size perforation 0.020 wire wrap Stainless steel
From 21 feet to 41 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 17.5
Placement Method: ☐ Pumped ☑ Poured
Seal Type: 5% Bent ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout
1/4 Bent Pellets From 17.5-20.5

Gravel Packed: ☑ Yes ☐ No #3 Sand
From 20.5 feet to 48 feet

9. WATER LEVEL
Static water level 18.4 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 Western
Contractor
Address
Contractor

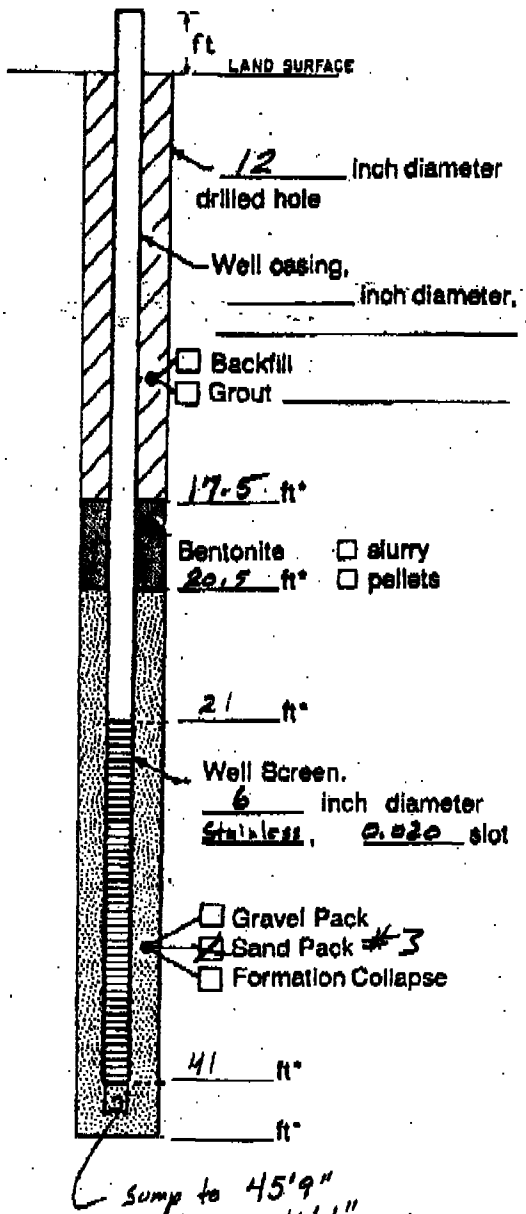
Nevada contractor's license number issued by the State Contractor's Board 0019101
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1470
Signed [signature]
By driller performing actual drilling on site or contractor
Date 11/9/92

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

DRAFT

GERAGHTY & MILLER, INC.
Environmental Services

WELL CONSTRUCTION LOG
(UNCONSOLIDATED)



Measuring Point is Top of Well Casing Unless Otherwise Noted.

*Depth Below Land Surface

Project Chevron NV09903 Well TW-1
Town/City Las Vegas NV
County Clark State NV
Permit No. R-1001
Land-Surface Elevation and Datum _____ feet ☐ Surveyed ☐ Estimated
Installation Date(s) 10-15-92 to 10-17-92
Drilling Method 12" HSA
Drilling Contractor Layne Environmental
Drilling Fluid None

Development Technique(s) and Date(s)

Fluid Loss During Drilling _____ gallons
Water Removed During Development _____ gallons
Static Depth to Water _____ feet below M.P.
Pumping Depth to Water _____ feet below M.P.
Pumping Duration _____ hours
Yield _____ gpm Date _____
Specific Capacity _____ gpm/ft
Well Purpose

Remarks
Lost a 6-inch steel bolt (wrapped with duct tape) when tag line weight broke off at 20 feet. (bgs)

Prepared by [illegible]

DRAFT

EXPLORATORY BORING LOG

GERAGHTY & MILLER, INC.
Environmental Services

PROJECT NO. NV09903 DATE 10/13/92
CLIENT Chevron
LOCATION McCarran Airport Tank Farm
LOGGED BY _____ DRILLER _____

BORING TW-1
SHEET 1 OF 2

FIELD LOCATION OF BORING:
~~[illegible]~~ lbs 30 in drop
700

GROUND ELEV. _____ DATUM _____

DRILLING METHOD HSA
HOLE DIA. 8" Nom. Reamed out to 12"
CASING DIA. _____

WELL COMPLETION DATA _____

WATER LEVEL				
TIME				
DATE				

WELL CONSTRUCTION		SAMPLE NUMBER	BLOWS/FT. OR PRESSURE PSI	DEPTH	SAMPLE	SOIL GROUP SYMBOL (U.S.C.S.)	SAMPLE/CORE DESCRIPTION
						SP	Lt Brn (5 YR 5/6) Gravelly Sand (SP)
				2		SM	Sl Moist. Sand is fine-grained. Gravel ~20% to 1/2 inch (upper foot only). Loose
			3/3/2	4	X		Lt Brn (5 YR 5/6) Silty Sand (SM)
						SP	Sl Moist, Loose Fine to V Fine
				6			Gravels at 4" (SP) Rounded to 1/2 dia ~30% Minor cobbles to 3"
				8		CL	Very Pale Orange (10 YR 8/2) to Pale Reddish
			2/3/4		X		Brown (10 YR 5/4) Silty Clay (CL)
				10			Mottled colors with 1/2 nodules of V Pale Orange
							Clay Soft, Moist Approx Contact
				12			Very Pale Orange (10 YR 8/2)
							CALICHE Sl Moist, Soft
			4/6/7	14	X	Caliche Soft to Hard	Minor gravels - rounded to 1/4 inch
				16	X		Grading to Mod Orange Pink (5 YR 8/4)
			4/6/9/13		X	SL	Sl Moist, Hard below 16 Feet
				18	X		Grades to V Pale Orange (10 YR 8/2)
			5/4/27/26-3"		X		Caliche w/ gravels ~20% Hard to V Hard
				20		Caliche V Hard	
				22			
		Wet Sample	2/7/17/16		X		Very Pale Orange (10 YR 8/2) to Grayish Orange
				24	X		Pink 5 YR 7/2 Silty Sand (SM)
		23-25'	2/3/4/5		X		Sand is fine to very fine w/ 30-40% silt
	140 lb hammer	24-24'8	15/50-2"	26	X		Strong Odor, Loose V Moist to Wet
							24-25' As above - color LT BRN 5 YR 6/4
				28			Pale Yell Brown (10 YR 6/2) Silty Med Sand (SM)
			3/8/12/13		X		Wet Loose at 25 to 25 1/2 Strong Odor
				30			Caliche Layer at 25 1/2 to 26 Approx
							(V Pale Orange, Wet)
		30.5-32.5	15/26/37/50	32	X	CL	Moderate Yellowish Brn (10 YR 5/4) and
							Grayish Orange Pink (5 YR 7/2) Silty Clay
							Wet, Soft to Firm Interbedded, Mottled
							Strong Odor
							30.5-32.5 DK Yell Brn (10 YR 4/2) Silty Clay (CL)
							V Moist, Stiff Mottled w/ Very Pale Orange
							(10 YR 8/2) Strong Odor

MKE 9/89

DRAFT

EXPLORATORY BORING LOG

GERAGHTY & MILLER, INC.
Environmental Services

PROJECT NO. _____ DATE _____
CLIENT _____
LOCATION _____
LOGGED BY _____ DRILLER _____

BORING TW-1
SHEET 2 OF 2

FIELD LOCATION OF BORING:

GROUND ELEV. _____ DATUM _____

DRILLING METHOD _____
HOLE DIA. _____
CASING DIA. _____

WELL COMPLETION DATA _____

WATER LEVEL				
TIME				
DATE				

WELL CONSTRUCTION		SAMPLE NUMBER	BLOWS/FT. OR PRESSURE PSI	DEPTH	SAMPLE	SOIL GROUP SYMBOL (U.S.C.S.)	SAMPLE/CORE DESCRIPTION
				32			~33.5 As above
			7/8/10/10	34	X		33.5 Pale Yell Brown (10YR 6/2) Gravelly Silty Clay (CL) Wet, Soft-Firm-
			8/30-8"	36	X		Moderate Odor Gravel are well rounded to 1/2" ~20% Clay inclusions ~15% (Greenish Yellow)
			20/Refusal	38	X	Grav GP	35.5 Pale Yell Brn (10YR 6/3) Sandy Gravel (Gr) Wet, Dense, Rounded Fine Gravel & Coarse Sand (CP) Moderate Odor Contact Approx
				40			Mod Brn Sandy silt (ML) Wet Soft
			5/7/10	42	X		with Sandstone / Chert? Cobbles V/Hard ~~Odor~~ Slight to no odor
			1/1/2/2	44	X		40.5 As above, Gravels are ~15% 1-inch max, mixed SS, volcanics
				46			43' As above Mod Brn Sandy Silt (ML) Wet V Soft No Gravel
				48			TD @ 48'
				50			