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. 40226
Permit No.
Basin 212

NOTICE OF INTENT NO.

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

2. LOCATION NW ¼ SW ¼ Sec. 27 T. 21 N/S R. 61 E/W Clark County
PERMIT NO. M02188 / 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. OB-1 LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Lt Brn Silty		0		
Silty Sand And				
Small Gravel			6½	6½
White Sandy		6½		
Clay Mix				
With Fine Sand			10	3½
Orange Sandy		10		
Clay with Small				
Gravel Mix			18	8
White Caliche		18		
Layer Hard			22	4
Yellow Brown		22		
Sandy Clay				
With Some Small				
Layer of Gravel			36	14
Light Brown		36		
Silty Clay Firm				
Stiff			42.5	6½

Well # OB-1

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

Date started 10-16, 1992
Date completed 10-16, 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 42½ Feet Depth Cased 41½ Feet

HOLE DIAMETER (BIT SIZE)
8 Inches From 0 Feet To 42½ Feet
Inches Feet Feet
Inches Feet Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2½	PVC	SCH 40	0	21½

Perforations:
Type perforation SCH 40 PVC Slot
Size perforation 0.020
From 21½ feet to 41½ 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 5% Bent
Placement Method: ☐ Pumped ☑ Poured 1/4 Bent Pellets From 17.5-20.5
Gravel Packed: ☑ Yes ☐ No #3 Sand
From 20.5 feet to 42.5 feet

Seal Type: ☑ Neat Cement ☐ Cement Grout ☐ Concrete Grout

9. WATER LEVEL
Static water level 18.6 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

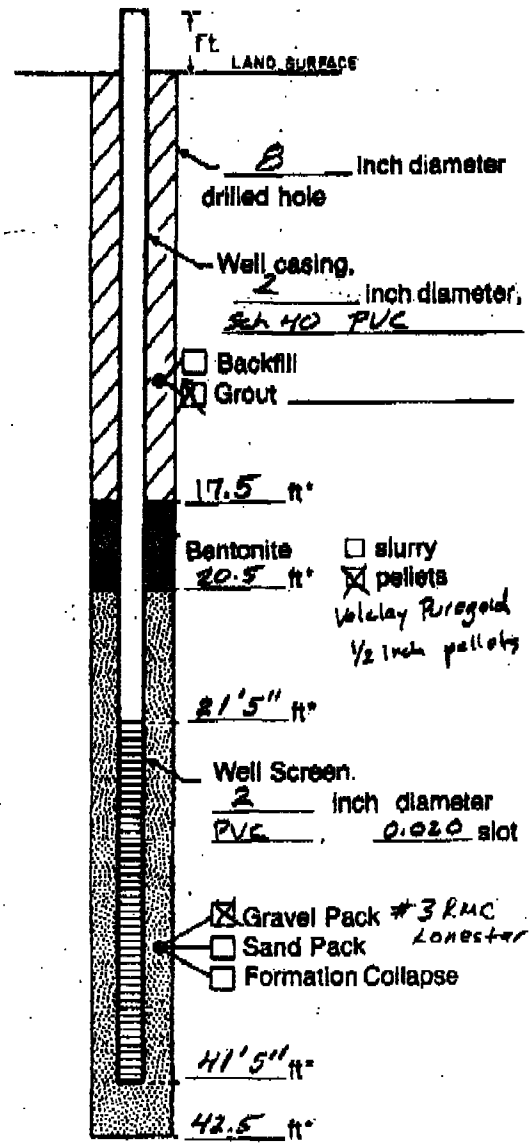
Nevada contractor's license number issued by the State Contractor's Board 0019101
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1470
Signed [signature]
By driller performing actual drilling on site or contractor
Date 11/9/92

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

GERAGHTY & MILLER, INC.
Environmental Services

WELL CONSTRUCTION LOG
(UNCONSOLIDATED)

DRAFT



Measuring Point is Top of Well Casing Unless Otherwise Noted.

*Depth Below Land Surface

Project NV09903 - Chevron Well OB-1
Town/City Las Vegas
County Clark State NV
Permit No. MO-2188
Land-Surface Elevation and Datum _____ feet ☐ Surveyed ☐ Estimated
Installation Date(s) 10/16/92
Drilling Method 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 7 bags sand, 1 bucket pellets

Prepared by

G&M Form 05 12-88

Scumprint 89-0978

DRAFT

EXPLORATORY BORING LOG

GERAGHTY & MILLER, INC.
Environmental Services

PROJECT NO. NV09703 DATE 10/16/92
CLIENT Chevron
LOCATION McCarran Airport Tank Farm
LOGGED BY PCastro DRILLER

BORING OB-1
SHEET 1 OF 2

FIELD LOCATION OF BORING:

GROUND ELEV. DATUM

DRILLING METHOD HSA 5 1/4 I.D.
HOLE DIA. 8"
CASING DIA. 2"

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
							Moderate Orange Pink (5YR 8/4) Sandy Gravel Dry, Med Dense
				1			
				2		SM	Lt Brn (5YR 5/6) SILTY SAND SM DRY-SL Moist, Loose Minor gravel Sand is f-grained
				3			
			6				
			6	4		SM	Poor sample - rock @ SM in shoe
			11				Pale Yell Orange (10YR 8/6) Silty Sand (SM) Sl Moist, Med Dense Minor clayey inclusions
				5			
				6			Gradational Contact
				7			
				8		CL	Very Pale Orange (10YR 8/2) SANDY CLAY (CL) Moist, Firm Mottled @ white and orange pink. Sand (~30%) fine-grained Clay inclusions to 1/2 inch.
			4				
			5	9			
			4				
				10			Gradational Contact
				11			Moderate Orange Pink (5YR 8/4) Clayey Sand (SC) Moist, Loose
				12		SC	
				13			Sample contains 25% gravel Rounded to Subangular 1 inch max size
			7				
			6	14			
			6				
				15			
				16			
				17			
				18			Caliche Layer - Hard Drilling
				19			

MXF 9/89

DRAFT

EXPLORATORY BORING LOG

GERAGHTY & MILLER, INC.
Environmental Services

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

BORING OB-1
SHEET 2 OF 3

FIELD LOCATION OF BORING:

GROUND ELEV. _____ DATUM _____

DRILLING METHOD _____
HOLE DIA. _____
CASING DIA. _____

WELL COMPLETION DATA _____

WELL CONSTRUCTION			SAMPLE NUMBER	BLOWS/FT. OR PRESSURE PSI	DEPTH	SAMPLE	SOIL GROUP SYMBOL (U.S.C.S.)	SAMPLE/CORE DESCRIPTION
					20		Caliche	Caliche – Hard to V. Hard
					21			
					22			Imed. below Caliche is 2½" layer of Greenish Gray (5 GY 6/1) SAND (SP) Moist to V. Moist, Strongly Calcareous Poorly graded fine sand.
				4	23			
				9	24			Underlain by Pale Yell Brn (10 YR 6/2) SANDY CLAY (CL) V Moist, Soft 20% Sand
				9				
				5	25		CL	
					26			
					27			Approx Contact
					28			Sample at 28 ft is Lt Brn (5 YR 6/4) Clayey Gravel (GP) Wet Soft Gravel very angular as in broken rock. Not a highly permeable zone.
				1				
				8	29		GP	
				4				
					30			
				50/3"				
					31		CL	
					32			Approx Contact / Poss Gradational Med Orange Pink (5 YR 8/4 Light Brn (5 YR 6/4) Mottled Sandy Clay (CL) w/ Gravel Sand (30%) is f-grained Gravel = 20% is rounded 1/4 max
				10				
				8	33			
				8				
					34		GW	
					35			
					36			Grades to Lt Brn (5 YR 6/4) SANDY GRAVEL (GW) Wet, Med Dense to Dense Gravel rounded to 1 inch (½ ave) 40% - 50% Gravel Matrix is well-graded sand silt clay
					37		CL	
				No Sample	38			

WATER LEVEL | TIME | DATE

SAMPLE/CORE DESCRIPTION

MKF 9-89

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EXPLORATORY BORING LOG

GERAGHTY & MILLER, INC.
Environmental Services

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

BORING 08-1
SHEET 3 OF 3

FIELD LOCATION OF BORING:

DRILLING METHOD _____
HOLE DIA. _____
CASING DIA. _____

WELL COMPLETION DATA _____

GROUND ELEV. _____ DATUM _____

WELL CONSTRUCTION	SAMPLE NUMBER	BLOWS/FT. OR PRESSURE PSI	DEPTH	SAMPLE	SOIL GROUP SYMBOL (U.S.C.S.)	SAMPLE/CORE DESCRIPTION
			39			Lt Brown (5YR 5/6) Silty Clay (CL)
			40		CL	V Moist, Firm to Stiff
						Hard drilling 40-41 feet
			41			
Plug		25 / 25	42			
			43			TD @ 42.5
			44			
			45			
			46			
			47			
			48			
			49			
			50			

WATER LEVEL				
TIME				
DATE				

MKE 9/89