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

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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. 77368
Permit No.
Basin 84

NOTICE OF INTENT NO. 42664

1. OWNER Rocketdyne Propulsion & Power
MAILING ADDRESS P.O. Box 7992 Canoga Park, CA 91309
ADDRESS AT WELL LOCATION 2855 Lighthand Canyon Rd Reno, NV

2. LOCATION SW ¼ SE ¼ Sec. 18 T. 22 N/S R. 22 E County
PERMIT NO. Issued by Water Resources | Parcel No. 77-310-03 | 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 ☐ PVC
☐ Air ☒ Other HSA

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Boring # C-14A				
SEE ATTACHED				

Date started 5-25, 1999
Date completed 5-27, 1999

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 ____ Feet Depth Cased ____ Feet

HOLE DIAMETER (BIT SIZE)

Inches	From Feet	To Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:
Type perforation
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
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 ____ 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 (Contractor) WEST HAZMAT DRILLING
Address (Contractor) 3233 Fitzgerald Rd Rancho Cordova, CA 95742
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 M2060
Signed (By driller performing actual drilling on site or contractor)
Date 6-2-99

(Rev. 3-91)

USE ADDITIONAL SHEETS IF NECESSARY

(O)-627

log # 77368

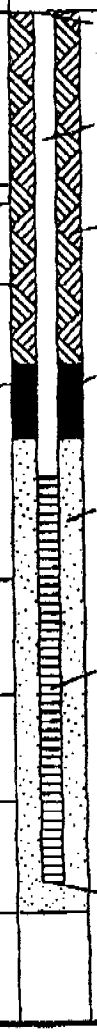
SRK CONSULTING
5250 Neil Road #300
Reno, Nevada 89502
(775) 828-6800

WELL LOG: C-14A

PROJECT NAME: ROCKETDYNE: AREA C PROJECT NUMBER: 118403	BORING NUMBER: C-14A	DRILLING COMPANY: WEST HAZMAT DRILLING
LOGGED BY: DANA BROWN APPROVED BY: DAVE YOHEY	SURFACE ELEVATION: 4814.00	COORDINATES OR LOCATION: N 36° 46' 11.0" W 119° 33' 19.8"
DRILLING METHOD: HOLLOW STEM AUGER	HOLE DIAMETER: 10-inches	FLUID USED: NONE	STARTING DATE: 5/26/99 ENDING DATE: 5/27/99

DEPTH (ft)	SAMPLE TYPE	SAMPLE NAME	LITHOLOGY	MATERIAL DESCRIPTION
0				**Silty SAND (SM)** Dark yellowish-brown 10YR 4/2, very loose, dry. >5% fine A-SA gravel to 1/4", 75% medium to fine sand, 20% non to low-plastic fines. High est. K. No odor. Fining downward to >10% fine gravel at 10'.
5	X	SS-1		
				--Cobbles in sand with caliche cement: 8.5 - 9.5
10	X	SS-2		--Silty SAND (SM), same as above
15	X	SS-3		**Lean CLAY with Sand (CL)** Moderate brown 5YR 4/4, stiff to very stiff, dry. >2% fine A-SA gravel to 3/8", 33% fine sand, 65% high-plastic fines. Very low est. K. No odor. Many thin caliche veinlets to 1/8".
20	X	SS-4		**Clayey SAND (SC)** Moderate yellowish-brown 10YR 5/4, very stiff, dry. >2% fine SA gravel to 3/8", 65% fine sand, 35% high-plastic fines. Low est. K. No odor.
25	X	SS-5		
30	X	SS-6		**Poorly Graded SAND with Clay (SP-SC)** Moderate brown 5YR 3/4, medium dense to loose, damp to wet. >2% fine SA gravel to 3/4", 90% fine to coarse sand, 10% moderate to high-plastic fines. High est. K. No odor.
35	X	SS-7		**Poorly Graded SAND (SP)** Moderate brown 5YR 3/4, very loose, wet. 10% fine SA gravel to 3/4", 85% fine to medium sand, >5% moderate-plastic fines. High to very high est. K. No odor.
40	X	SS-8		**Well Graded SAND (SW)** Moderate brown 5YR 3/4, loose, wet. >2% fine SA-A gravel to 3/8", 95% fine sand, 5% high-plastic fines. High to very high est. K. No odor.

WELL CONSTRUCTION



- Steel well vault with locking expansion plug.
- 4" SCH 40 threaded PVC well casing: 0' - 23'
- Type II Portland cement: 0' - 17.5'
- Hydrated amorphous bentonite: 17.5' - 21'
- RMC Lonestar #3 silica sand: 21' - 44.5'
- 4" Factory slotted (0.020" slots) SCH 40 PVC well screen: 23' - 43'
- Threaded bottom cap

GROUND WATER ENCOUNTERED: ▽ 27.00 feet	GROUT MATERIAL: Neat Cement	CASING MATERIAL: 4" SCH 40 PVC	TOTAL DEPTH DRILLED: 44.50 feet
GROUND WATER STATIC: ▽ 26.95 feet	SEAL MATERIAL: Hydrated Bentonite FILTER MATERIAL: #3 Silica Sand	SCREEN SIZE: 0.020"	FIGURE A - 2