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

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

Please complete this form in its entirety

OFFICE USE ONLY
Log No. 318-66
Permit No.
Basin CC 106

PRINT OR TYPE ONLY

NOTICE OF INTENT NO. 16320

1. OWNER Groundwater Resources, Inc. ADDRESS AT WELL LOCATION
MAILING ADDRESS 5400 ALDRIN CT.
BAKERSFIELD, CAL. 93313

2. LOCATION N.E. ¼ N.E. ¼ Sec. 23 T. 10N N/S R. 21 E. Douglas County
PERMIT NO. M10 318 (Issued by Water Resources) Parcel No. Subdivision Name

3. TYPE OF WORK: New Well ☒ Recondition ☐ Deepen ☐ Other ☐

4. PROPOSED USE: Domestic ☐ Irrigation ☐ Test ☒ Municipal ☐ Industrial ☐ Stock ☐

5. TYPE WELL: Cable ☐ Rotary ☐ Other ☒

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Surface Gravel		0	10	10
SCHIST/Phyllite		10	30	20
Phyllite		30	50	20
SCHIST/Phyllite		50	70	20
SCHIST		70	90	20
SCHIST/Phyllite		90	105	15
WHITE CLAY/SCHIST		105	129	24
Hit H_2O	129			
SCHIST	130	129	130	1
SCHIST		130	135	5
WELL MW-17				

Date started Oct 19, 1990
Date completed Oct 19, 1990

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

BAILER TEST
G.P.M. ..... Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours

8. WELL CONSTRUCTION
Diameter 5 3/4" inches Total depth 135 feet
..... inches
..... inches
Casing record SCH. 40 2" P.V.C.
Weight per foot ..... Thickness .....

Diameter	From	To
2 inches	0 feet	130 feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes ☒ No ☐, Type NEAT CEMENT
Depth of seal 0 - 50' feet
Gravel packed: Yes ☒ No ☐
Gravel packed from 89 feet to 130 feet

Perforations:
Type perforation SLOTTED
Size perforation .04 INCH
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet

9. WATER LEVEL
Static water level 109.2 feet below land surface
Flow 3 G.P.M. ..... P.S.I.
Water temperature Cool °F Quality Poor

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name El Kostelecky (Becker Drills, Inc. Contractor
Address P.O. Box 567 Commerce City, Co. 80037 Contractor
Nevada contractor's license number issued by the State Contractor's Board 0010071
Nevada contractor's driller's number issued by the Division of Water Resources 0029577
Nevada driller's license number issued by the Division of Water Resources, the on-site driller M-1724
Signed El Kostelecky
By driller performing actual drilling on site or contractor
Date Nov. 13 1990

(Rev. 11-85) USE ADDITIONAL SHEETS IF NECESSARY (O)-627

WELL COMPLETION	ANALYSES Lab Benzene TPH Diesel ppm	ANALYSES Field TIP P.I.D. ppm	BLOWCOUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	lithology symbol	u.s.c.s.-desig.	SOIL DESCRIPTION
Monument Well Cover				0					
Neat Cement (11 Bags)				5					Drilling through surface gravel 20 FT. COMPOSITE SAMPLES
		0		10		MW14-10			Schist/Phyllite, dk gry to grysh brn, platey to subblocky, dry, occ angular, no petrol odor, hard.
2" Sch. 40 PVC Blank				15					
				20					
				25					
Stabilizers Every 15'									
	ND ND	0.1		30		MW14-30			Phyllite, dk gry to grysh brn, humid, platey to subblocky cuttings, lots of fine dust, tr fractures with rust staining, no petrol odor.
				35					
				40					
				45					
				50					

LOGGED BY: RJB
DATE DRILLED: 10/19/90
TOTAL DEPTH: 135 FT.
DRILLING COMPANY: BECKER DRILL

DIAMETER OF BORING: 5 3/4"
WATER ENCOUNTERED AT: 109.2'
SAMPLING METHOD: CYCLONE

GROUNDWATER RESOURCES, INC.
(805)835-7700
environmental/geotechnical services

PROJECT NUMBER: 1410-4

BORING LOCATION: 70' South of MW-2

PROJECT NAME: CONTEL AUTOVON, TOPAZ, NEVADA

LOG OF BORING MW-14

PLATE
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page 1 of 3

WELL COMPLETION	ANALYSES Lab: Benzene TPH Diesel ppm	ANALYSES Field: TIP P.I.D. ppm	BLOWCOUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	lithology symbol	u.s.c.s.-desig.	SOIL DESCRIPTION
50.5' Bentonite Seal (1 Bag) 53.5'		5		50		MW14-50			Schist/Phyllite, becoming grysh brn in color, tr fine dust , humid, tr rust staining, faint petrol odor.
				55					Petroleum odor increasing to moderate odor.
#2/12 Sand (4 Bags)				60					
				65					
	ND 640	15		70		MW14-70			Schist, lt to dark gry, humid, subblocky cuttings, sli to mod degraded petrol odor, occ rust staining on fracture surfaces.
73'				75					
Bentonite Seal (4 Bags)				80					
				85					
89'				90					
Medium Aquarium Filter Pack (7 bags)		10		95		MW14-90			Schist/Phyllite, dk gry, subblocky, sli petrol odor, tr rust staining on fracture surfaces.
				100					

LOGGED BY: RJB
DATE DRILLED: 10/19/90
TOTAL DEPTH: 135 FT.
DRILLING COMPANY: BECKER DRILL

DIAMETER OF BORING: 5 3/4"
WATER ENCOUNTERED AT: 109.2 FT.
SAMPLING METHOD: CYCLONE

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LOG OF BORING MW-14

PLATE 5

	ANALYSES Lab Benzene TPH Diesel ppm	ANALYSES Field TIP P.I.D. ppm	BLOWCOUNT	DEPTH (feet)	SAMPLE INTERVAL	SAMPLE NUMBER	lithology symbol	u.s.c.s.-desig.	SOIL DESCRIPTION
100'				100					
Medium Aquarium Sand				105					Trace white clay fragments, slight petroleum odor continues
.04-inch Slotted Sch. 40 2" PVC	109.2' 0.021 54	2		110	■	MW14-110			Schist, dk gry, occ white clay fragments, platey to blocky cuttings, hard to soft, humid, sil petroleum odor.
				115					
				120					
				125					Becoming moist @ 115'.
130' 2" End Plug		1		130	■	MW14-130			Schist, dk gry, moist to wet, good water flow at 129', decrease in petrol odor.
135'									TD @ 135'.
5 3/4" ~~Open Hole~~ SLOUGH				135					
				140					
				145					
				150					

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LOG OF BORING MW-14

PLATE 5