Chevron

September 26, 2002

Chevron Products Company
Retail Marketing
Sales - West
145 S. State College Blvd., Suite 400
P.O. Box 2292
Brea, CA 92822-2292
Phone 714-671-3200

Ms. Kelly Dorsey
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, California 92123-4340

Subject: **SUBMITTAL OF AQUIFER TEST WORK PLAN FOR CHEVRON PRODUCTS COMPANY SERVICE STATION #9-1870 28900 RANCHO CALIFORNIA ROAD, TEMECULA, CALIFORNIA (CRWQCB-SDR CASE #9UT106)**

Dear Ms. Dorsey:

Please find enclosed the work plan for aquifer testing as requested in agency letter dated September 24, 2002. I certify under penalty of perjury that, to the best of my knowledge, the work plan is true, complete, and correct.

If you have any questions or require additional information, please contact me at (714) 671-3347, or at e-mail address ERRO@Chevrontexaco.com.

Sincerely,

Eric R. Roehl
Project Manager
Chevron Products Company

Attachment: Aquifer Test Work Plan, dated September 26, 2002

cc: Central Files
Mr. Barry Pulver, CRWQCB-San Diego Region

HOLGUIN, FAHAN & ASSOCIATES, INC.
ENVIRONMENTAL MANAGEMENT CONSULTANTS

September 26, 2002

Ms. Kelly Dorsey
California Regional Water Quality Control Board
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9174 Sky Park Court, Suite 100
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Subject: **SUBMITTAL OF AQUIFER TEST WORK PLAN FOR CHEVRON PRODUCTS COMPANY SERVICE STATION #9-1870 28900 RANCHO CALIFORNIA ROAD, TEMECULA, CALIFORNIA (CRWQCB-SDR CASE #9UT106)**

Dear Ms. Dorsey:

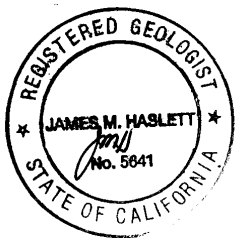
On behalf of Chevron Products Company (Chevron), Holguin, Fahan & Associates, Inc. (HFA) is submitting the attached Aquifer Test Work Plan for the above-referenced site. The investigation will be conducted under my immediate supervision. I certify under penalty of perjury that, to the best of my knowledge, the work plan is true, complete, and correct.

Holguin, Fahan & Associates, Inc. trusts that the California Regional Water Quality Control Board - San Diego Region will find this letter report to its satisfaction. If you have any questions or require additional information, please contact me at (909) 422-8988, or at e-mail address Jim_Haslett@hfa.com.

Respectfully submitted,

James M. Haslett

James M. Haslett, RG, REA
Senior Geologist
Holguin, Fahan & Associates, Inc.



JMH:dm:rri

Attachment: Aquifer Test Work Plan, dated September 26, 2002

cc: Mr. Eric Roehl, Chevron Products Company
Mr. Barry Pulver, CRWQCB-San Diego Region

HOLGUIN, FAHAN & ASSOCIATES, INC.
ENVIRONMENTAL MANAGEMENT CONSULTANTS

September 26, 2002

Ms. Kelly Dorsey
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, California 92123

Subject: **AQUIFER TEST WORK PLAN FOR**
CHEVRON PRODUCTS COMPANY SERVICE STATION #9-1870
28900 RANCHO CALIFORNIA ROAD, TEMECULA, CALIFORNIA
(CRWQCB-SDR FILE #9UT106)

Dear Ms. Dorsey:

On behalf of Chevron Products Company (Chevron), Holguin, Fahan & Associates, Inc. (HFA) is pleased to submit this aquifer test work plan for the above-referenced site. In its Investigation Order No. R9-2002-318, the CRWQCB-SDR required five RPs in the vicinity of RCWD well #118 to participate in monitoring groundwater levels on their respective sites during an aquifer test conducted by the RCWD on well #118. A list of acronyms used in this work plan is attached.

BACKGROUND

SITE LOCATION AND CONTACT PERSONS

Chevron Service Station #9-1870 is located at 28900 Rancho California Road in Temecula, California (see Figure 1 - Site Location Map). The site environmental contact is Mr. Eric Roehl, Chevron Products Company, Post Office Box 2292, Brea, California, 92822-2292, (714) 671-3347. The consultant contact is Mr. James M. Haslett, Holguin, Fahan & Associates, Inc., 1003 East Cooley Drive, Suite 201, Colton, California, 92324, (909) 422-8988. The regulatory contact is Ms. Kelly Dorsey, California Regional Water Quality Control Board, San Diego Region, 9174 Sky Park Court, Suite 100, San Diego, California, 92123, (858) 467-2980.

SITE DESCRIPTION

The subject site is an active Chevron service station located on the northeastern corner of the intersection of Rancho California Road and Front Street in Temecula, California. Current site features include a mini-mart building, one 20,000-gallon gasoline UST, one 15,000-gallon gasoline UST, four dispensers on two dispenser islands, and the associated product and vent piping (see Figure 2 - Plot Plan for current site features).

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Ventura, California 93001
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(805) 652-0793 FAX
Mark_Fahan@hfa.com

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Cypress, California 90630
(714) 236-1741
(714) 236-1745 FAX
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1215 South Park Lane, Suite 1
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(480) 505-3336 FAX
Theresa_Kalaghan@hfa.com

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PROPOSED WORK

JUSTIFICATION FOR PROPOSED INVESTIGATION

In its Investigation Order No. R9-2002-318, the CRWQCB-SDR required five RPs in the vicinity of RCWD well #118 to participate in monitoring groundwater levels on their respective sites during an aquifer test conducted by the RCWD on well #118.

RCWD AQUIFER TEST

The RCWD has proposed to conduct a 72-hour aquifer test using well #118 as the extraction well. On October 17, 2002, well #118 will be shut down to allow groundwater levels to recover to static conditions prior to the test. The test is tentatively scheduled to begin at 6:00 a.m. on Tuesday, October 22, 2002 and continue until 6:00 a.m. on Friday, October 25, 2002. Following completion of the test, well #118 will be allowed to recover for at least 72 hours prior to being placed back in service.

OBSERVATION WELLS

HFA proposes using Chevron wells R-1S, R-1D, GT-2S, GT-2D, GT-3S, and GT-3D as observation wells during the RCWD aquifer test (see Figure 2 for well locations). Wells R-1S, GT-2S, and GT-3S are screened in the shallowest groundwater-bearing zone. Wells R-1D, GT-2D, and GT-3D are screened in deeper groundwater-bearing zones. These wells were selected to provide both shallow and deep groundwater data at three non-linear locations across the site so groundwater contour maps can be prepared for both the shallow and deeper groundwater intervals.

Each well is constructed of 4-inch-diameter PVC casing. Depth to groundwater measurements and elevations measured during second quarter 2002 groundwater monitoring (HFA, 2002, Second Quarter 2002 Groundwater Monitoring and Progress Report, June 21, 2002), and the screened intervals for the six proposed observation wells are presented in the following table. Logs of exploratory borings for the wells are included in Attachment 1.

Well Number	Date	Depth to Groundwater (ft-TOC)	Groundwater Elevation (feet above MSL)	Screened Interval (fbg)
R-1S	6-29-02	23.06	1,012.20	18-38
GT-2S	6-29-02	23.15	1,011.13	10-35
GT-3S	6-29-02	27.03	1,014.73	10-35
R-1D	6-29-02	24.72	1,012.27	48-58
GT-2D	6-29-02	24.84	1,011.57	66-76
GT-3D	6-29-02	27.71	1,014.65	70-80

Depths to groundwater in monitoring wells B-13, B-15, and MW-25 will also be measured prior to the beginning of the pumping, at the end of pumping, and at the end of the recovery period (see Figure 2 for the well locations) using an electronic water level indicator. Well MW-26A will not be monitored because the well is located in Rancho California Road and cannot be safely monitored during daylight hours.

EQUIPMENT AND PROCEDURES

An In-Situ Inc. miniTROLL data logger will be placed in each observation well to monitor groundwater levels during the RCWD test. The miniTROLL has an onboard data logger capable of storing up to 440,000 data points. The miniTROLL is also capable of compensating for changes in atmospheric pressure and temperature.

The data loggers will be placed in the observation wells on Friday, October 18, 2002, to monitor ambient groundwater water conditions for 3 days prior to the beginning of the RCWD test. The data loggers will remain in the wells until Monday, October 28, 2002, following completion of the recovery test on well #118. Groundwater measurements will be collected at a minimum of once every 5 minutes through the duration of the RCWD test.

DATA EVALUATION

Groundwater data collected from wells R-1S, R-1D, GT-2S, GT-2D, GT-3S, and GT-3D and data provided by the RCWD will be evaluated using Geraghty & Miller Modeling Group's AQTESOLV™ computer program, or an equivalent program. If sufficient drawdown is measured in the observaton wells, AQTESOLV™ can be used to plot the data, fit "type curves" to the data, and estimate aquifer properties such as transmissivity (T), coefficient of storage (S), and hydraulic conductivity (K), from which estimates of groundwater velocity, ROI, and the capture zone of a pumping well can be made.

REPORT PREPARATION

Preliminary test data will be submitted to the CRWQCB-SDR by December 2, 2002, in accordance with the CRWQCB-SDR's Investigation Order No. R9-2002-318. Preliminary data will include paper and electronic copies of groundwater elevation contour maps and a summary table of depth to groundwater, groundwater elevations, and time since the start of the test.

A final report will be submitted to the CRWQCB-SDR by January 18, 2003, in accordance with the CRWQCB-SDR's Investigation Order No. R9-2002-318. The final report (paper and electronic copies) will include a summary of field procedures, groundwater elevation contour maps, summary tables, estimates of aquifer parameters, interpretations of the results, and conclusions.

The report will be reviewed and stamped by the registered geologist or registered professional engineer overseeing the work.

Holguin, Fahan & Associates, Inc. trusts that this work plan provides you with the information you require. If you have any questions or require additional information, please contact Mr. James Haslett at (909) 422-8988 or at e-mail address Jim_Haslett@hfa.com.

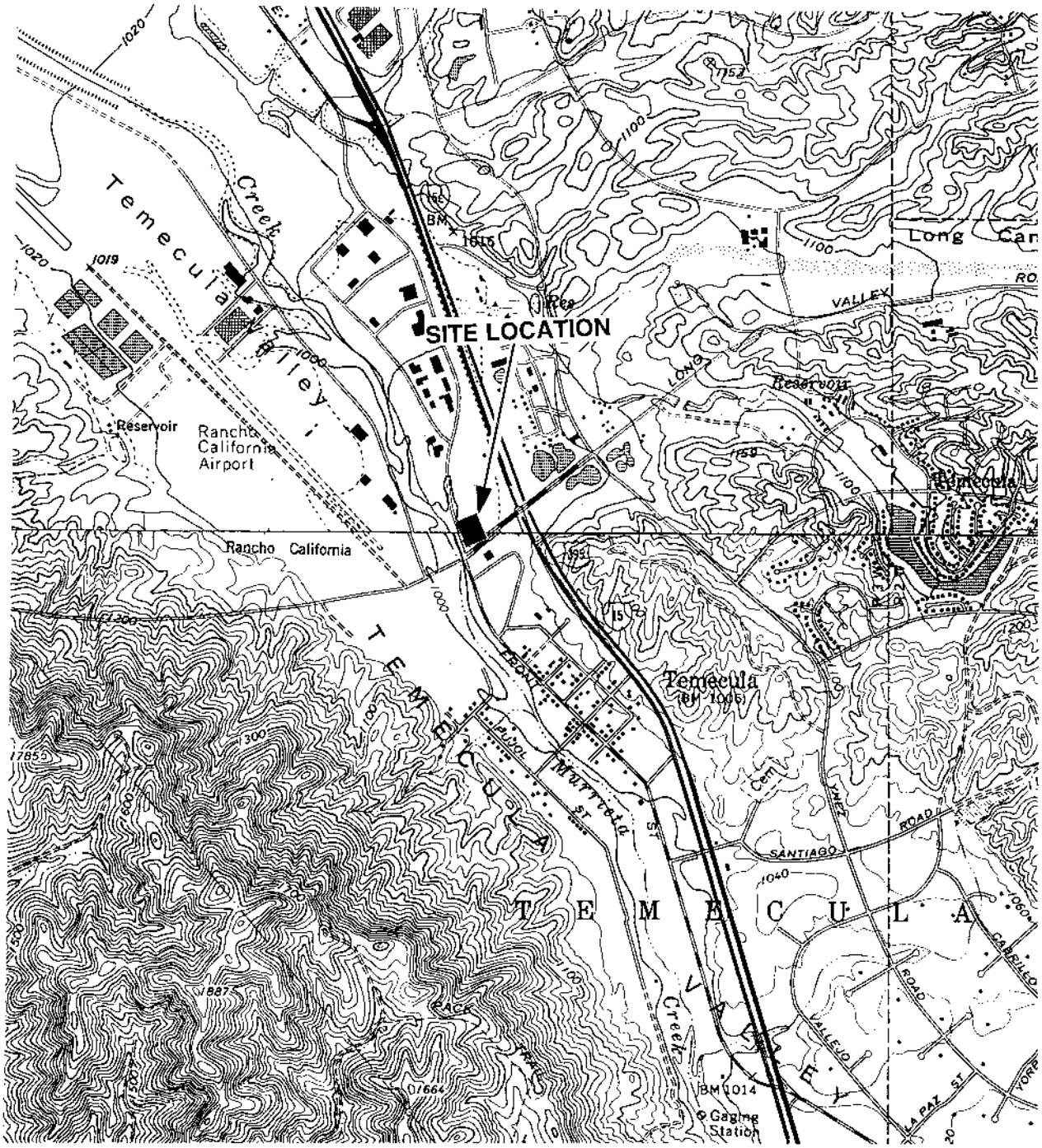
Respectfully submitted,

James M. Haslett, RG, REA
Senior Geologist
Holguin, Fahan & Associates, Inc.

JMH:dm:rri

Enclosures: Figure 1 - Site Location Map
Figure 2 - Plot Plan
List of Acronyms
Attachment 1 - Logs of Exploratory Borings

cc: Mr. Eric Roehl, Chevron Products Company
Mr. Barry Pulver, CRWQCB-SDR



LEGEND

0 0.5 1 MILE
0 1,000 2,000 3,000 4,000 5,000 FEET
0 0.5 1 KILOMETER

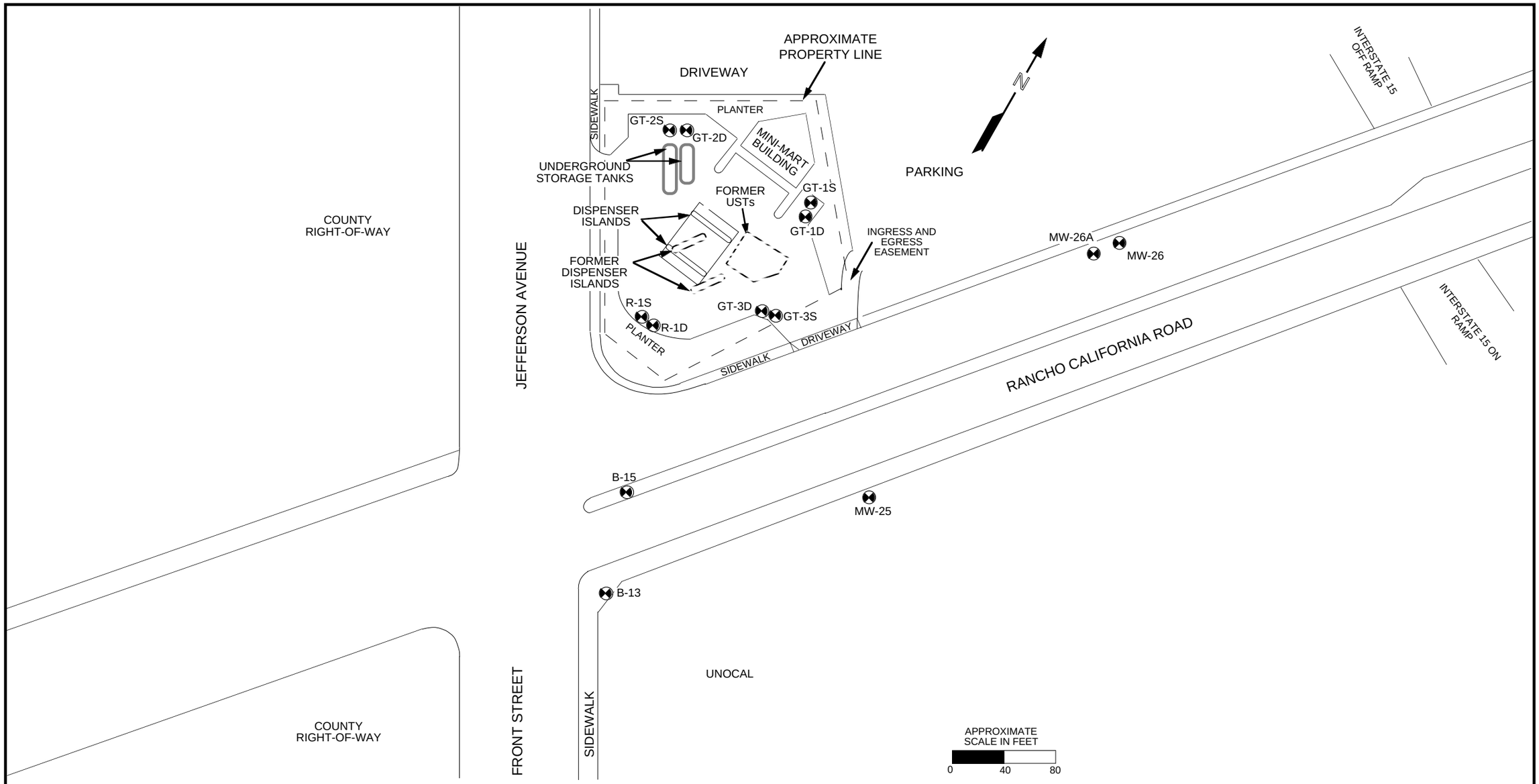
N

USGS TEMECULA AND MURRIETA 7.5 MINUTE SERIES QUADRANGLES

CHEVRON PRODUCTS COMPANY

SERVICE STATION #9-1870
28900 RANCHO CALIFORNIA ROAD
TEMECULA, CALIFORNIA
FIGURE 1 - SITE LOCATION MAP

HOLGUIN, FAHAN & ASSOCIATES, INC.



LEGEND

GROUNDWATER MONITORING WELL

CHEVRON PRODUCTS COMPANY

SERVICE STATION #9-1870
28900 RANCHO CALIFORNIA ROAD
TEMECULA, CALIFORNIA
FIGURE 2 - PLOT PLAN

HOLGUIN, FAHAN & ASSOCIATES, INC.

REVISION DATE: APRIL 4, 2002: CDC

LIST OF ACRONYMS

CRWQCB-SDR	California Regional Water Quality Control Board, San Diego Region (9)
fbg	feet below grade
ft-TOC	feet below top of casing
MSL	mean sea level
PVC	polyvinyl chloride
ROI	radius of influence
RP	responsible party
RCWD	Rancho California Water District
USGS	United States Geological Survey
UST	underground storage tank

ATTACHMENT 1.

LOGS OF EXPLORATORY BORINGS

CLIENT: Chevron Products Company

PROJECT: Service Station #9-1870

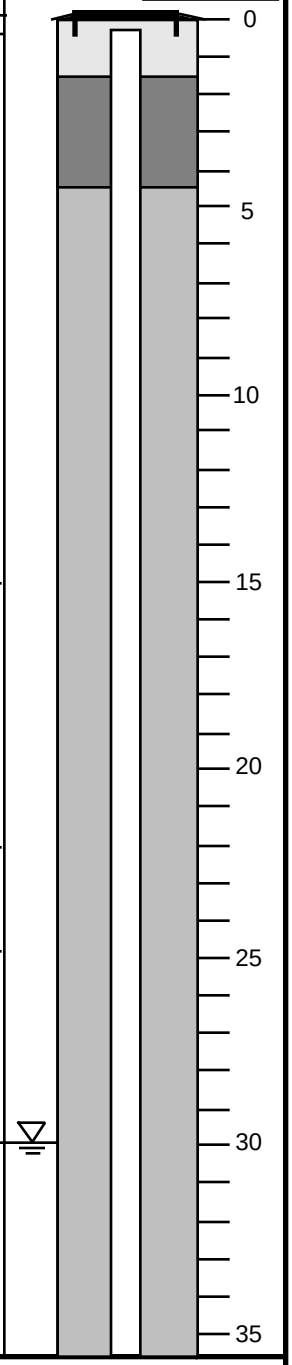
LOCATION: 28900 Rancho California Road, Temecula, CA

SAMPLE INTERVAL	DEPTH (fbg)	DESCRIPTION AND SOIL CLASSIFICATION NAME: %gravel/sand/fines, gradation/plasticity, color, angularity, maximum size (gravels), density/consistency, moisture, odor, stain	BLOWS PER 6 INCHES	PID (ppmv)	USCS
	0	6" of concrete			
		SAND: 0/100/0, well graded, brown, fine-grained to coarse-grained, subrounded, moist, no odor, no stain			SW
	5				
	10		--	0	
	15	SANDY CLAY: 0/10/90, high plasticity, gray, fine-grained to medium-grained sand, soft, moist, no odor, no stain	--	0	CH
	20		--	0	
		CLAYEY SAND: 0/80/20, gray, fine-grained sand, loose, moist, no odor, no stain			SC
	25	SAND: 0/100/0, well graded, gray, very fine-grained to medium-grained, subrounded, loose, moist, no odor, no stain	--	0	SW
	30	wet	--	0	
	35		--	0	

COMPLETION DETAIL

[X] GROUNDWATER WELL
[ ] VADOSE WELL
[ ] SPARGE WELL
[ ] BORING

CASING: 4-inch SCH 40 PVC
SLOT SIZE: 0.02 inch
FILTER PACK: #3 Monterey Sand



DRILLING METHOD: CME-75, 10"-OD Hollow-stem auger	DATE DRILLED: December 26, 2001
SAMPLER TYPE: 2.5-inch-diameter Continuous Core Sampler	LOGGED BY: K. Rasheedi
TOTAL BORING DEPTH: 58 fbg	APPROVED BY: J. Haslett, RG #5641
DEPTH TO WATER: ~30 fbg	DRILLED BY: Cascade Drilling

HOLGUIN, FAHAN & ASSOCIATES, INC.

LOG OF EXPLORATORY BORING

R-1D

CLIENT: Chevron Products Company

PROJECT: Service Station #9-1870

LOCATION: 28900 Rancho California Road, Temecula, CA

SAMPLE INTERVAL	DEPTH (fbg)	DESCRIPTION AND SOIL CLASSIFICATION NAME: %gravel/sand/fines, gradation/plasticity, color, angularity, maximum size (gravels), density/consistency, moisture, odor, stain	BLOWS PER 6 INCHES	PID (ppmv)	USCS
	35				SW
	40	SANDY SILT: 0/10/90, low plasticity, gray, fine-grained to medium-grained sand, damp, no odor, no stain	--	0	ML
	45	SILT: 0/0/100, low plasticity, gray, medium stiff, damp, no odor, no stain	--	1,260	
	50		--	0	
	55		--	0	
	60				
	65				
	70				

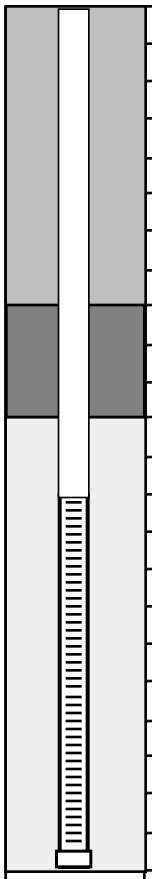
COMPLETION DETAIL

- [X] GROUNDWATER WELL
- [ ] VADOSE WELL
- [ ] SPARGE WELL
- [ ] BORING

CASING: 4-inch SCH 40 PVC

SLOT SIZE: 0.02 inch

FILTER PACK: #3 Monterey Sand



DRILLING METHOD: CME-75, 10"-OD Hollow-stem auger

SAMPLER TYPE: 2.5-inch-diameter Continuous Core Sampler

TOTAL BORING DEPTH: 58 fbg

DEPTH TO WATER: ~30 fbg

DATE DRILLED: December 26, 2001

LOGGED BY: K. Rasheedi

APPROVED BY: J. Haslett, RG #5641

DRILLED BY: Cascade Drilling

HOLGUIN, FAHAN & ASSOCIATES, INC.

LOG OF EXPLORATORY BORING

R-1D

SAMPLE INTERVAL	DEPTH (fbg)	DESCRIPTION AND SOIL CLASSIFICATION NAME: %gravel/sand/fines, gradation/plasticity, color, angularity, maximum size (gravels), density/consistency, moisture, odor, stain	BLOWS PER 6 INCHES	PID (ppmv)	USCS
	0	6" of concrete			
		SAND: 0/100/0, well graded, brown, fine-grained to coarse-grained, fine- t coarse-grained, subrounded, moist, no odor, no stain			SW
	15	SANDY CLAY: 0/10/90, high plasticity, gray, fine-grained to medium-grained, soft, moist, no odor, no stain			CH
	25	SAND: 0/100/0, well graded, gray, very fine-grained to medium grained, subrounded, loose, moist, no odor, no stain			SW
	30	wet			
	35				

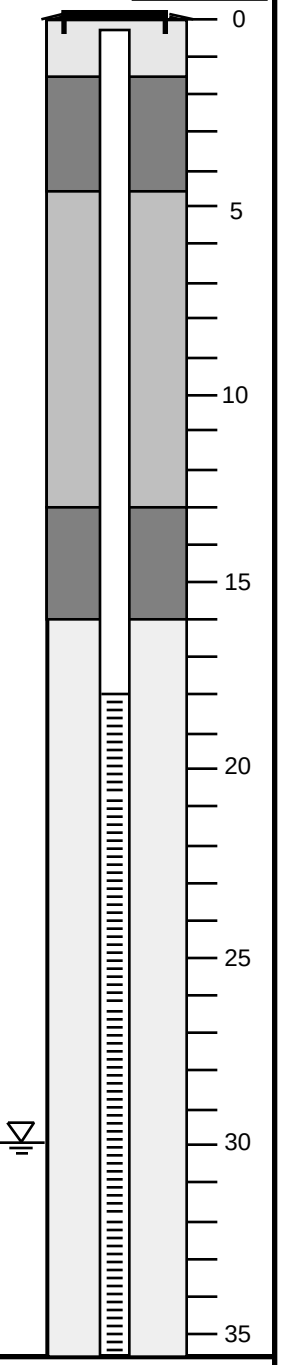
CLIENT: Chevron Products Company

PROJECT: Service Station #9-1870

LOCATION: 28900 Rancho California Road, Temecula, CA

COMPLETION DETAIL
- [X] GROUNDWATER WELL
- [ ] VADOSE WELL
- [ ] SPARGE WELL
- [ ] BORING

CASING: 4-inch SCH 40 PVC
SLOT SIZE: 0.02 inch
FILTER PACK: #3 Monterey Sand



DRILLING METHOD: CME-75, 10"-OD Hollow-stem auger	DATE DRILLED: December 26, 2001
SAMPLER TYPE: California-modified, split spoon	LOGGED BY: K. Rasheedi
TOTAL BORING DEPTH: 38 fbg	APPROVED BY: J. Haslett, RG #5641
DEPTH TO WATER: ~30 fbg	DRILLED BY: Cascade Drilling

HOLGUIN, FAHAN & ASSOCIATES, INC.

LOG OF EXPLORATORY BORING

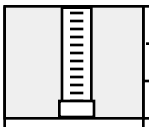
R-1S

SAMPLE INTERVAL	DEPTH (fbg)	CLIENT: Chevron Products Company PROJECT: Service Station #9-1870 LOCATION: 28900 Rancho California Road, Temecula, CA DESCRIPTION AND SOIL CLASSIFICATION NAME: %gravel/sand/fines, gradation/plasticity, color, angularity, maximum size (gravels), density/consistency, moisture, odor, stain	BLOWS PER 6 INCHES	PID (ppmv)	USCS
	35				SW
	40				
	45				
	50				
	55				
	60				
	65				
	70				

COMPLETION DETAIL

- [X] GROUNDWATER WELL
- [ ] VADOSE WELL
- [ ] SPARGE WELL
- [ ] BORING

CASING: 4-inch SCH 40 PVC
SLOT SIZE: 0.02 inch
FILTER PACK: #3 Monterey Sand



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DEPTH TO WATER: ~30 fbg	DRILLED BY: Cascade Drilling

HOLGUIN, FAHAN & ASSOCIATES, INC.

LOG OF EXPLORATORY BORING

R-1S

CLIENT: Chevron Products Company

PROJECT: Service Station #9-1870

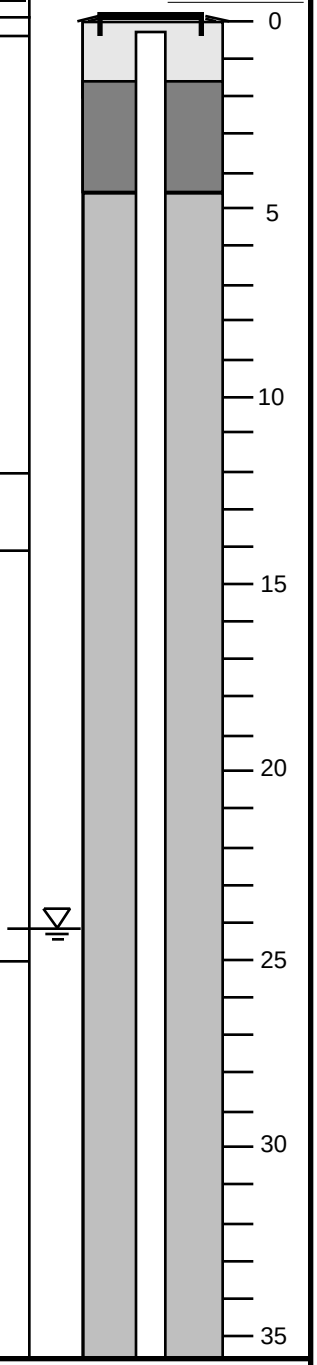
LOCATION: 28900 Rancho California Road, Temecula, CA

SAMPLE INTERVAL	DEPTH (fbg)	DESCRIPTION AND SOIL CLASSIFICATION NAME: %gravel/sand/fines, gradation/plasticity, color, angularity, maximum size (gravels), density/consistency, moisture, odor, stain	BLOWS PER 6 INCHES	PID (ppmv)	USCS
	0	6" of concrete			
		SILT: 0/5/95, low plasticity, brown, trace fine-grained sand, soft, dry, no odor, no stain			ML
	5				
	10		--	0	
		SAND: 0/100/0, poorly graded, brown, fine-grained, subrounded, loose, no odor, no stain			SP
	15	CLAY: 0/0/100, low plasticity, dark brown, stiff, moist, no odor, no stain	--	0	CL
	20		--	0	
	25	SAND: 0/100/0, poorly graded, gray, fine-grained to medium-grained, subrounded, loose, wet, no odor, no stain	--	0	SP
	30		--	0	
	35		--	0	

COMPLETION DETAIL

[X] GROUNDWATER WELL
[ ] VADOSE WELL
[ ] SPARGE WELL
[ ] BORING

CASING: 4-inch SCH 40 PVC
SLOT SIZE: 0.02 inch
FILTER PACK: #3 Monterey Sand



DRILLING METHOD: CME-75, 10"-OD Hollow-stem auger	DATE DRILLED: December 27, 2001
SAMPLER TYPE: 2.5-inch-diameter Continuous Core Sampler	LOGGED BY: T. Jones
TOTAL BORING DEPTH: 76 fbg	APPROVED BY: J. Haslett, RG #5641
DEPTH TO WATER: ~24 fbg	DRILLED BY: Cascade Drilling

HOLGUIN, FAHAN & ASSOCIATES, INC.

LOG OF EXPLORATORY BORING

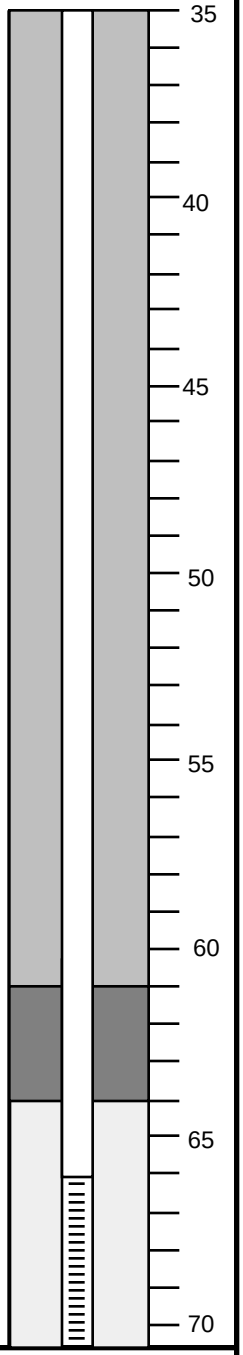
GT-2D

SAMPLE INTERVAL	DEPTH (fbg)	CLIENT: Chevron Products Company PROJECT: Service Station #9-1870 LOCATION: 28900 Rancho California Road, Temecula, CA DESCRIPTION AND SOIL CLASSIFICATION NAME: %gravel/sand/fines, gradation/plasticity, color, angularity, maximum size (gravels), density/consistency, moisture, odor, stain	BLOWS PER 6 INCHES	PID (ppmv)	USCS
	35				SP
	40		--	0	
	45	SANDY SILT: 0/20/80, low plasticity, gray, fine-grained to medium-grained sand, soft, moist, no odor, no stain	--	0	ML
	50	SAND: 0/100/0, poorly graded, gray, fine-grained, subrounded, loose, wet, no odor, no stain	--	0	SP
	55	SILT: 0/0/100, low plasticity, gray, hard, moist, no odor, no stain	--	0	ML
	60	SANDY CLAY: 0/20/80, low plasticity, gray, fine-grained sand, soft, wet, no odor, no stain	--	0	CL
	65		--	0	
	70	SAND: 0/100/0, poorly graded, gray, fine-grained, wet, no odor, no stain	--	0	SP

COMPLETION DETAIL

- [X] GROUNDWATER WELL
- [ ] VADOSE WELL
- [ ] SPARGE WELL
- [ ] BORING

CASING: 4-inch SCH 40 PVC
SLOT SIZE: 0.02 inch
FILTER PACK: #3 Monterey Sand



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DEPTH TO WATER: ~24 fbg	DRILLED BY: Cascade Drilling

HOLGUIN, FAHAN & ASSOCIATES, INC.

LOG OF EXPLORATORY BORING

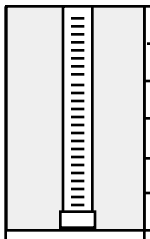
GT-2D

SAMPLE INTERVAL	DEPTH (fbg)	CLIENT: Chevron Products Company PROJECT: Service Station #9-1870 LOCATION: 28900 Rancho California Road, Temecula, CA DESCRIPTION AND SOIL CLASSIFICATION NAME: %gravel/sand/fines, gradation/plasticity, color, angularity, maximum size (gravels), density/consistency, moisture, odor, stain	BLOWS PER 6 INCHES	PID (ppmv)	USCS
	70				SP
	75	heaving sands			
	80				
	85				
	90				
	95				
	100				
	105				

COMPLETION DETAIL

[X] GROUNDWATER WELL
[ ] VADOSE WELL
[ ] SPARGE WELL
[ ] BORING

CASING: 4-inch SCH 40 PVC
SLOT SIZE: 0.02 inch
FILTER PACK: #3 Monterey Sand



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HOLGUIN, FAHAN & ASSOCIATES, INC.

LOG OF EXPLORATORY BORING

GT-2D

CLIENT: Chevron Products Company

PROJECT: Service Station #9-1870

LOCATION: 28900 Rancho California Road, Temecula, CA

SAMPLE INTERVAL	DEPTH (fbg)	DESCRIPTION AND SOIL CLASSIFICATION NAME: %gravel/sand/fines, gradation/plasticity, color, angularity, maximum size (gravels), density/consistency, moisture, odor, stain	BLOWS PER 6 INCHES	PID (ppmv)	USCS
	0	6" of concrete			
		SILT: 0/5/95, low plasticity, brown, trace fine-grained sand, soft, dry, no odor, no stain			ML
	5				
	10				
	15	CLAY: 0/0/100, low plasticity, dark brown, fine-grained, stiff, moist, no odor, no stain	--	0	CL
	20		--	0	
	25	SAND: 0/100/0, poorly graded, gray, fine-grained to medium-grained, subrounded, loose, wet, no odor, no stain	--	0	SP
	30		--	0	
	35		--	0	

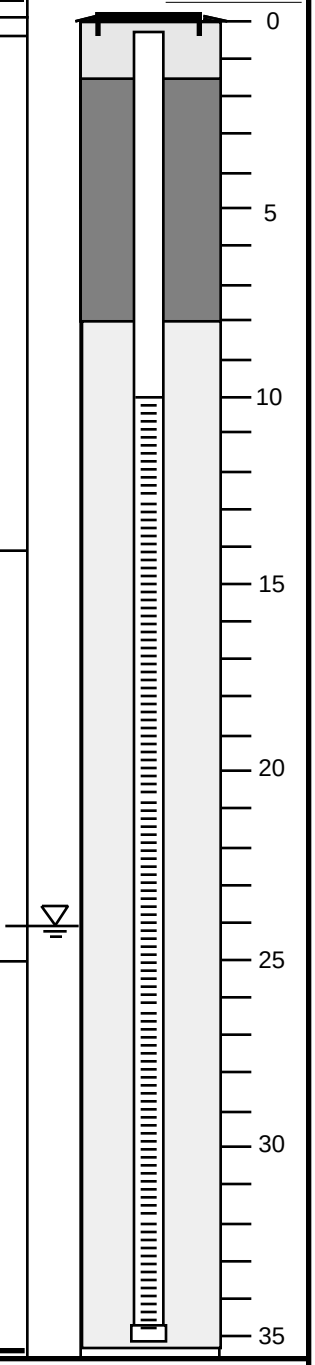
COMPLETION DETAIL

- [X] GROUNDWATER WELL
- [ ] VADOSE WELL
- [ ] SPARGE WELL
- [ ] BORING

CASING: 4-inch SCH 40 PVC

SLOT SIZE: 0.02 inch

FILTER PACK: #3 Monterey Sand



DRILLING METHOD: CME-75, 10"-OD Hollow-stem auger	DATE DRILLED: December 31, 2001
SAMPLER TYPE: California-modified, split spoon	LOGGED BY: K. Rasheedi
TOTAL BORING DEPTH: 35 fbg	APPROVED BY: J. Haslett, RG #5641
DEPTH TO WATER: ~24 fbg	DRILLED BY: Cascade Drilling

HOLGUIN, FAHAN & ASSOCIATES, INC.

LOG OF EXPLORATORY BORING

GT-2S

CLIENT: Chevron Products Company

PROJECT: Service Station #9-1870

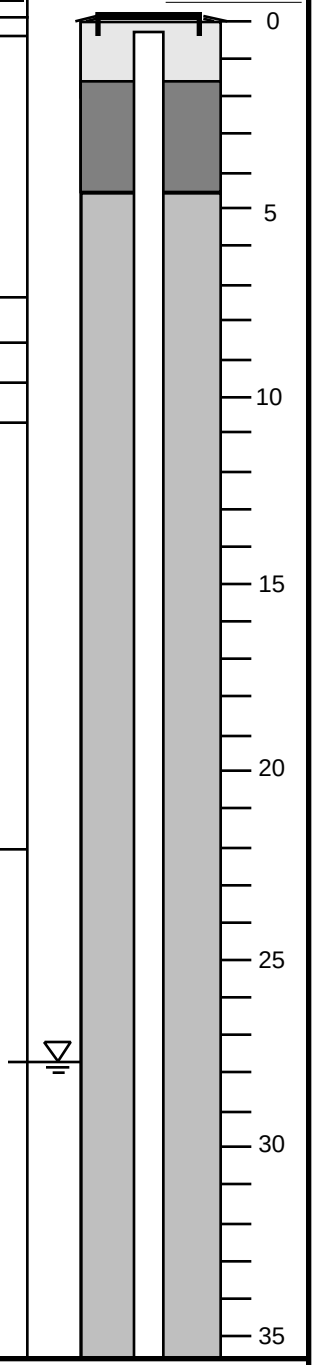
LOCATION: 28900 Rancho California Road, Temecula, CA

SAMPLE INTERVAL	DEPTH (fbg)	DESCRIPTION AND SOIL CLASSIFICATION NAME: %gravel/sand/fines, gradation/plasticity, color, angularity, maximum size (gravels), density/consistency, moisture, odor, stain	BLOWS PER 6 INCHES	PID (ppmv)	USCS
	0	6" of concrete			
		SILTY CLAY: 0/0/100, low plasticity, brown, soft, moist, no odor, no stain			CL
	5				
		SANDY SILT: 0/10/90			ML
		SILTY SAND: 0/80/20			SM
	10	SAND: 0/100/0	--	0	SP
		CLAY: 0/0/100, low plasticity, gray, stiff, moist, no odor, no stain			CL
	15		--	0	
	20		--	0	
		SAND: 0/100/0, poorly graded, gray, fine-grained, subrounded, loose, moist, no odor, no stain			SP
	25		--	0	
		wet			
	30		--	0	
	35		--	0	

COMPLETION DETAIL

[X] GROUNDWATER WELL
[ ] VADOSE WELL
[ ] SPARGE WELL
[ ] BORING

CASING: 4-inch SCH 40 PVC
SLOT SIZE: 0.02 inch
FILTER PACK: #3 Monterey Sand



DRILLING METHOD: CME-75, 10"-OD Hollow-stem auger	DATE DRILLED: January 3, 2002
SAMPLER TYPE: 2.5-inch-diameter Continuous Core Sampler	LOGGED BY: T. Jones
TOTAL BORING DEPTH: 80 fbg	APPROVED BY: J. Haslett, RG #5641
DEPTH TO WATER: ~28 fbg	DRILLED BY: Cascade Drilling

HOLGUIN, FAHAN & ASSOCIATES, INC.

LOG OF EXPLORATORY BORING

GT-3D

CLIENT: Chevron Products Company

PROJECT: Service Station #9-1870

LOCATION: 28900 Rancho California Road, Temecula, CA

SAMPLE INTERVAL	DEPTH (fbg)	DESCRIPTION AND SOIL CLASSIFICATION NAME: %gravel/sand/fines, gradation/plasticity, color, angularity, maximum size (gravels), density/consistency, moisture, odor, stain	BLOWS PER 6 INCHES	PID (ppmv)	USCS
	35				SP
		SILT: 0/0/100, low plasticity, gray, hard, moist, no odor, no stain			ML
	40		--	0	
	45		--	0	
	50		--	0	
	55		--	0	
	60		--	0	
	65	SILTY SAND: 0/80/20, gray, fine-grained sand, very dense, wet, no odor, no stain	--	0	SM
	70	heaving sands	--	0	

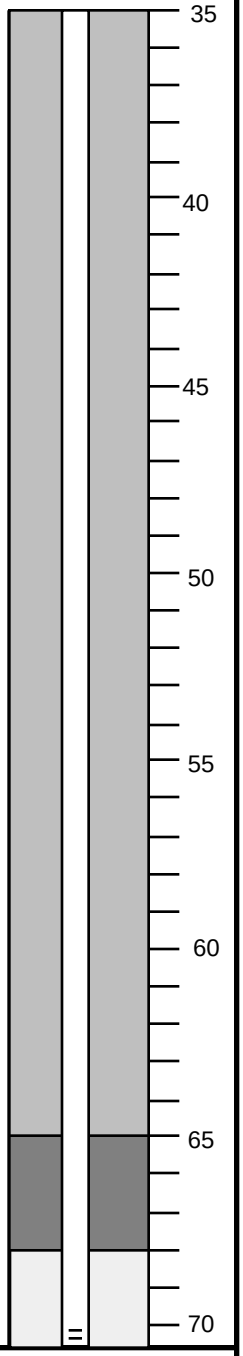
COMPLETION DETAIL

- [X] GROUNDWATER WELL
- [ ] VADOSE WELL
- [ ] SPARGE WELL
- [ ] BORING

CASING: 4-inch SCH 40 PVC

SLOT SIZE: 0.02 inch

FILTER PACK: #3 Monterey Sand

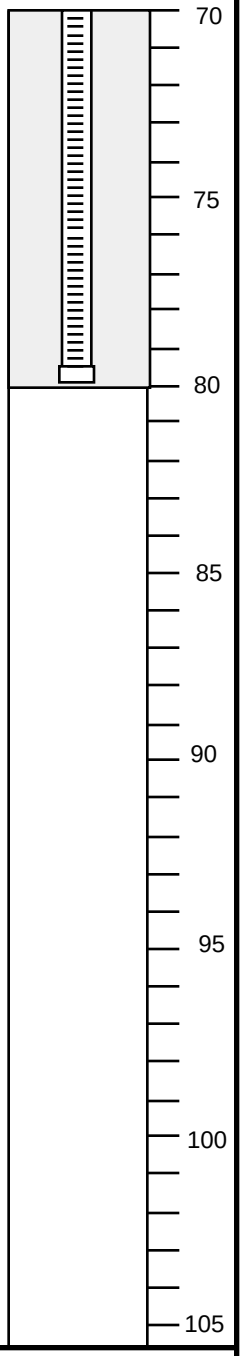


DRILLING METHOD: CME-75, 10"-OD Hollow-stem auger	DATE DRILLED: January 3, 2002
SAMPLER TYPE: 2.5-inch-diameter Continuous Core Sampler	LOGGED BY: T. Jones
TOTAL BORING DEPTH: 80 fbg	APPROVED BY: J. Haslett, RG #5641
DEPTH TO WATER: ~28 fbg	DRILLED BY: Cascade Drilling

SAMPLE INTERVAL	DEPTH (fbg)	CLIENT: Chevron Products Company PROJECT: Service Station #9-1870 LOCATION: 28900 Rancho California Road, Temecula, CA DESCRIPTION AND SOIL CLASSIFICATION NAME: %gravel/sand/fines, gradation/plasticity, color, angularity, maximum size (gravels), density/consistency, moisture, odor, stain	BLOWS PER 6 INCHES	PID (ppmv)	USCS
	70	heaving sands			SM
	75	CLAY: 0/0/100, low plasticity, gray, damp, no odor, no stain			CL
	80				
	85				
	90				
	95				
	100				
	105				

COMPLETION DETAIL
- [X] GROUNDWATER WELL
- [ ] VADOSE WELL
- [ ] SPARGE WELL
- [ ] BORING

CASING: 4-inch SCH 40 PVC
SLOT SIZE: 0.02 inch
FILTER PACK: #3 Monterey Sand



DRILLING METHOD: CME-75, 10"-OD Hollow-stem auger	DATE DRILLED: January 3, 2002
SAMPLER TYPE: 2.5-inch-diameter Continuous Core Sampler	LOGGED BY: T. Jones
TOTAL BORING DEPTH: 80 fbg	APPROVED BY: J. Haslett, RG #5641
DEPTH TO WATER: ~28 fbg	DRILLED BY: Cascade Drilling

HOLGUIN, FAHAN & ASSOCIATES, INC.

LOG OF EXPLORATORY BORING

GT-3D

CLIENT: Chevron Products Company

PROJECT: Service Station #9-1870

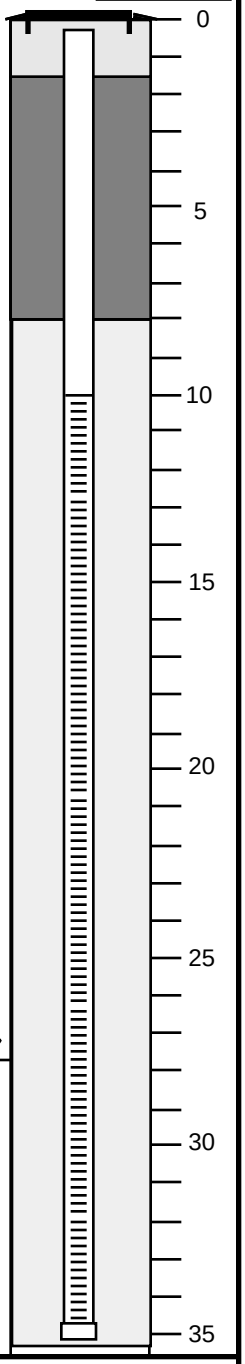
LOCATION: 28900 Rancho California Road, Temecula, CA

SAMPLE INTERVAL	DEPTH (fbg)	DESCRIPTION AND SOIL CLASSIFICATION NAME: %gravel/sand/fines, gradation/plasticity, color, angularity, maximum size (gravels), density/consistency, moisture, odor, stain	BLOWS PER 6 INCHES	PID (ppmv)	USCS
	0	6" of concrete			
		SILTY CLAY: 0/0/100, low plasticity, brown, soft, moist, no odor, no stain			CL
	5				
		SANDY SILT: 0/10/90			ML
		SILTY SAND: 0/80/20			SM
	10	SAND: 0/100/0			SP
		CLAY: 0/0/100, low plasticity, gray, stiff, moist, no odor, no stain			CL
	15				
	20				
		SAND: 0/100/0, poorly graded, gray, fine-grained to medium-grained, subrounded, loose, moist, no odor, no stain			SP
	25				
		wet			
	30				
		SILT: 0/0/100, low plasticity, gray, moist, no odor, no stain			ML
	35				

COMPLETION DETAIL

[X] GROUNDWATER WELL
[ ] VADOSE WELL
[ ] SPARGE WELL
[ ] BORING

CASING: 4-inch SCH 40 PVC
SLOT SIZE: 0.02 inch
FILTER PACK: #3 Monterey Sand



DRILLING METHOD: CME-75, 10"-OD Hollow-stem auger	DATE DRILLED: December 31, 2001
SAMPLER TYPE: California-modified, split spoon	LOGGED BY: T. Jones
TOTAL BORING DEPTH: 35 fbg	APPROVED BY: J. Haslett, RG #5641
DEPTH TO WATER: ~28 fbg	DRILLED BY: Cascade Drilling

HOLGUIN, FAHAN & ASSOCIATES, INC.

LOG OF EXPLORATORY BORING

GT-3S