



Koch California Ltd.

662 Eucalyptus Road, P.O. Box 1127
Nipomo, CA 93444

Phone: (805) 929-4153
Mobil: (805) 440-8362
Fax: (805) 929-5598
Email: kochcal@earthlink.net

December 16, 2009

U.S. Geological Survey
USGS WR SW WRD
Thomas C Haltom
Placer Hall, 6000 J Street
Sacramento, CA 95819-6129

916-278-3100 Phone
916-278-3070 Fax
tchaltom@usgs.gov

Dear Thomas C Haltom:

Would you please forward my public record request to whoever would be responsible for 1960-1970 drilling records and well data if needed.

In the Santa Maria Valley of San Luis Obispo County there has been concern for seawater intrusion for sometime.

In the 1960's the county of San Luis Obispo County and the California Department of Water Resources (DWR) did a study on seawater intrusion called DWR Bulletin No. 63-3.

It seems that the County of San Luis Obispo has given up on locating at least one of the seawater intrusion monitoring wells drilled as part of the DWR Bulletin No. 63-3 study. I am looking for information on that well, to help locate the well, so that it can be monitored or properly sealed before being abandoned to prevent seawater from traveling up or down the well tubes between different aquifers. The DWR web site has a longitude/latitude/GPS location, but based on other wells of known location, that location has an accuracy of about a 200 foot radius and there are shifting sand dunes in the area. I am looking for additional information to help locate the well.

I have accessed the USGS website: <http://wdr.water.usgs.gov/nwisgmap/> and DWR websites <http://www.water.ca.gov/waterdatalibrary/index.cfm> for 11N36W13K2 to 6 (which is actually two holes 20 feet apart, one with two casings and the other with three casings at different depths.)

The USGS site has information on other wells in the monitoring series but not the Oso Flaco Well. The DWR lists all the wells in the series but has the USGS as the source of the

data. When I look at the DWR location information for the other wells it looks like a “rounded up” decimal number taken from the a original USGS hour-Minute-second number.

I also located a document from the USGS, 1973 Ground Water Data of San Luis Obispo County 1970-1973, that lists data from the well.

From this I conclude the USGS may have done the actual monitoring or measuring of the wells from about 1967 to 1973 and holds the original data and notes.

I am looking for additional documents that will help locate the well. I am thinking there should be a file folder on this well at your office.

I would like to make a public records request for well OFO-1 (also know as 11N36W13K002S to 11N36W13K006S or 11N36W13K2-6) monitoring or drilling records, such as Pictures of the drilling, the drilling log, E-logs, Well construction, Well head protection, Drilling location, elevation calculations or Drilling contracts. As described in the DWR 63-3 report on Page 20: “Monthly fluctuations of water levels of 32 DWR constructed piezometers at eight coastal sites (sites POO-1 through 5, OFO-1, 00-1 and 2) are shown in Figure 7 for May 1967 to August 1968. Construction data for these observation wells are given in Table 1.”

Attached is a copy of the data from the DWR website.

A scanned copy of the DWR Bulletin No. 63-3 can be found at:

http://www.nipomowaterfacts.com/index.php/get_info/pismo_sentinel_well/

If you have any questions please email me or call.

Thank You



John Snyder
Vice President

DWR location on

<http://www.water.ca.gov/waterdatalibrary/index.cfm>

Agency Code Lookup

Code	Agency Name
5000	U S Geological Survey

Groundwater Level Data for Well 11N36W13K002S

Groundwater Levels in Well 11N36W13K002S

Groundwater Level Readings

Meas. Date	R.P. Elev.	G.S. Elev.	RPWS	WSE	GSWS	QM Code	NM Code	Agency	Comment
01-29-1970	33.1	33.1	21.0	12.2	21.0			5000	
03-27-1970	33.1	33.1	21.0	12.1	21.0			5000	
06-03-1970	33.1	33.1	21.0	12.1	21.0			5000	
08-04-1970	33.1	33.1	21.1	12.0	21.1			5000	
12-15-1970	33.1	33.1	21.0	12.1	21.0			5000	
03-02-1971	33.1	33.1	20.8	12.3	20.8			5000	
06-02-1971	33.1	33.1	20.9	12.2	20.9			5000	
08-26-1971	33.1	33.1	21.2	11.9	21.2			5000	
11-24-1971	33.1	33.1	21.2	11.9	21.2			5000	
02-23-1972	33.1	33.1	21.1	12.0	21.1			5000	
06-29-1972	33.1	33.1	21.2	11.9	21.2			5000	
06-07-1974	33.1	33.1	20.7	12.4	20.7			5000	
04-01-1975	33.1	33.1	20.9	12.2	20.9			5000	
07-07-1975	33.1	33.1	21.2	11.9	21.2			5000	
01-14-1976	33.1	33.1	21.3	11.8	21.3			5000	
06-07-1976	33.1	33.1	21.4	11.7	21.4			5000	
05-17-1977	33.1	33.1	21.3	11.8	21.3			5000	
11-07-1977	33.1	33.1	21.4	11.7	21.4			5000	

Well Coordinates

Projection	Datum	Easting	Northing	Units	Zone
UTM	NAD27	174418	3877614	metres	11

Groundwater Level Data for Well 11N36W13K003S

Groundwater Levels in Well 11N36W13K003S

Groundwater Level Readings

Meas. Date	R.P. Elev.	G.S. Elev.	RPWS	WSE	GSWS	QM Code	NM Code	Agency	Comment
01-29-1970	33.1	33.1	21.1	12.0	21.1			5000	
03-27-1970	33.1	33.1	21.2	12.0	21.2			5000	
06-03-1970	33.1	33.1	21.4	11.7	21.4			5000	
08-04-1970	33.1	33.1	21.4	11.7	21.4			5000	
12-15-1970	33.1	33.1	21.9	11.2	21.9			5000	

03-02-1971	33.1	33.1	21.0	12.1	21.0			5000	
06-02-1971	33.1	33.1	21.2	12.0	21.2			5000	
08-26-1971	33.1	33.1	21.4	11.7	21.4			5000	
11-24-1971	33.1	33.1	21.3	11.8	21.3			5000	
02-23-1972	33.1	33.1	21.2	11.9	21.2			5000	
06-29-1972	33.1	33.1	21.6	11.5	21.6			5000	
06-07-1974	33.1	33.1	20.9	12.3	20.9			5000	
04-01-1975	33.1	33.1	21.0	12.1	21.0			5000	
07-07-1975	33.1	33.1	21.4	11.7	21.4			5000	
01-14-1976	33.1	33.1	21.4	11.7	21.4			5000	
06-07-1976	33.1	33.1	21.5	11.6	21.5			5000	
05-17-1977	33.1	33.1	21.5	11.6	21.5			5000	
11-07-1977	33.1	33.1	21.7	11.4	21.7			5000	

Well Coordinates

Projection	Datum	Easting	Northing	Units	Zone
UTM	NAD27	174418	3877614	metres	11
LL	NAD27	120.6225	35.0322	decimal degrees	

Groundwater Level Data for Well 11N36W13K004S

Groundwater Levels in Well 11N36W13K004S

Groundwater Level Readings

Meas. Date	R.P. Elev.	G.S. Elev.	RPWS	WSE	GSWS	QM Code	NM Code	Agency	Comment
01-29-1970	33.1	33.1	20.9	12.2	20.9			5000	
03-27-1970	33.1	33.1	21.1	12.0	21.1			5000	
06-03-1970	33.1	33.1	22.3	10.8	22.3			5000	
08-01-1970	33.1	33.1	22.3	10.8	22.3			5000	
12-15-1970	33.1	33.1	20.9	12.2	20.9			5000	
03-02-1971	33.1	33.1	21.6	11.5	21.6			5000	
06-02-1971	33.1	33.1	21.6	11.5	21.6			5000	
08-26-1971	33.1	33.1	22.1	11.0	22.1			5000	
11-24-1971	33.1	33.1	21.5	11.6	21.5			5000	
02-23-1972	33.1	33.1	21.5	11.6	21.5			5000	
06-29-1972	33.1	33.1	22.0	11.1	22.0			5000	
06-07-1974	33.1	33.1	21.3	11.8	21.3			5000	
04-01-1975	33.1	33.1	20.8	12.3	20.8			5000	
07-07-1975	33.1	33.1	21.9	11.2	21.9			5000	
01-14-1976	33.1	33.1	21.4	11.7	21.4			5000	
06-07-1976	33.1	33.1	22.3	10.9	22.3			5000	
05-17-1977	33.1	33.1	21.9	11.2	21.9			5000	
11-07-1977	33.1	33.1	22.3	10.8	22.3			5000	

Well Coordinates

Projection	Datum	Easting	Northing	Units	Zone
UTM	NAD27	174418	3877614	metres	11
LL	NAD27	120.6225	35.0322	decimal degrees	

Groundwater Level Data for Well 11N36W13K005S

Groundwater Levels in Well 11N36W13K005S

Groundwater Level Readings

Meas. Date	R.P. Elev.	G.S. Elev.	RPWS	WSE	GSWS	QM Code	NM Code	Agency	Comment
03-27-1970	33.1	33.1	18.0	15.1	18.0			5000	
06-03-1970	33.1	33.1	21.7	11.4	21.7			5000	
08-04-1970	33.1	33.1	22.2	11.0	22.2			5000	
12-15-1970	33.1	33.1	15.1	18.1	15.1			5000	
03-02-1971	33.1	33.1	18.3	14.8	18.3			5000	
06-02-1971	33.1	33.1	18.7	14.4	18.7			5000	
08-26-1971	33.1	33.1	21.4	11.8	21.4			5000	
11-24-1971	33.1	33.1	17.8	15.3	17.8			5000	
02-23-1972	33.1	33.1	17.6	15.5	17.6			5000	
06-29-1972	33.1	33.1	22.5	10.6	22.5			5000	
06-07-1974	33.1	33.1	21.4	11.8	21.4			5000	
04-01-1975	33.1	33.1	16.4	16.7	16.4			5000	
07-07-1975	33.1	33.1	21.1	12.0	21.1			5000	
01-14-1976	33.1	33.1	18.0	15.1	18.0			5000	
06-07-1976	33.1	33.1	32.8	0.4	32.8			5000	
05-17-1977	33.1	33.1	21.2	11.9	21.2			5000	
11-07-1977	33.1	33.1	23.0	10.1	23.0			5000	
05-04-1978	33.1	33.1	19.0	14.1	19.0			5000	

Well Coordinates

Projection	Datum	Easting	Northing	Units	Zone
UTM	NAD27	174418	3877614	metres	11

11N36W13K006S

Groundwater Levels in Well 11N36W13K006S

Groundwater Level Readings

Meas. Date	R.P. Elev.	G.S. Elev.	RPWS	WSE	GSWS	QM Code	NM Code	Agency	Comment
03-27-1970	33.1	33.1	18.7	14.4	18.7			5000	
06-03-1970	33.1	33.1	22.1	11.0	22.1			5000	
08-04-1970	33.1	33.1	22.4	10.7	22.4			5000	
12-15-1970	33.1	33.1	15.5	17.6	15.5			5000	
03-01-1971	33.1	33.1	18.6	14.5	18.6			5000	
06-02-1971	33.1	33.1	18.9	14.2	18.9			5000	
08-26-1971	33.1	33.1	21.4	11.7	21.4			5000	
11-24-1971	33.1	33.1	17.8	15.3	17.8			5000	
02-23-1972	33.1	33.1	17.8	15.3	17.8			5000	
06-29-1972	33.1	33.1	22.7	10.4	22.7			5000	
06-07-1974	33.1	33.1	21.8	11.4	21.8			5000	
04-01-1975	33.1	33.1	16.9	16.2	16.9			5000	
07-07-1975	33.1	33.1	21.4	11.7	21.4			5000	
01-14-1976	33.1	33.1	18.5	14.6	18.5			5000	
06-07-1976	33.1	33.1	23.1	10.0	23.1			5000	

05-17-1977	33.1	33.1	21.3	11.8	21.3			5000	
11-07-1977	33.1	33.1	23.1	10.0	23.1			5000	
05-04-1978	33.1	33.1	19.5	13.6	19.5			5000	

Well Coordinates

Projection	Datum	Easting	Northing	Units	Zone
UTM	NAD27	174418	3877614	metres	11
LL	NAD27	120.6225	35.0322	decimal degrees	

Well Use: Undetermined

For more information contact:

Information from 1970 Sea-Water Intrusion: Pismo-Guadalupe Area, Department of Water Resources (DWR Bulletin 63-3)

Field number	State well number	Depth of hole in feet	Length of casing.* in feet	Depth of perforations, in feet	Formation tapped	Aquifer
OFO-IA	IIN/36W-13K6	1,165	400	320-400	Paso Robles	C zone
OFO-IB	IIN/36W-13K5	1,165	270	230-270	Paso Robles	B zone
OFO-IC	IIN/36W-13K4	215	203	120-203	Paso Robles	A zone
OFO-ID	IIN/36W-13K3	215	90	70-90	Alluvium	Semperched
OFO-IE	IIN/36W-13K2	215	45	30-45	Alluvium	Semperched

Page 38

At USGS multiple piezometer installations 10N/35W-6A1-3 and 10N/36W-12K2-3 and DWR site OFO-1,

Additional monitoring piezometers were constructed at Oso Flaco Lake in 1966 and the Guadalupe Oil Field in 1967, both of which are also in the study area. Water level and water sampling programs were conducted in the fall of 1967. By 1969, when data obtained both from field work and from available reports and files had been analyzed, preparation of this bulletin was completed.