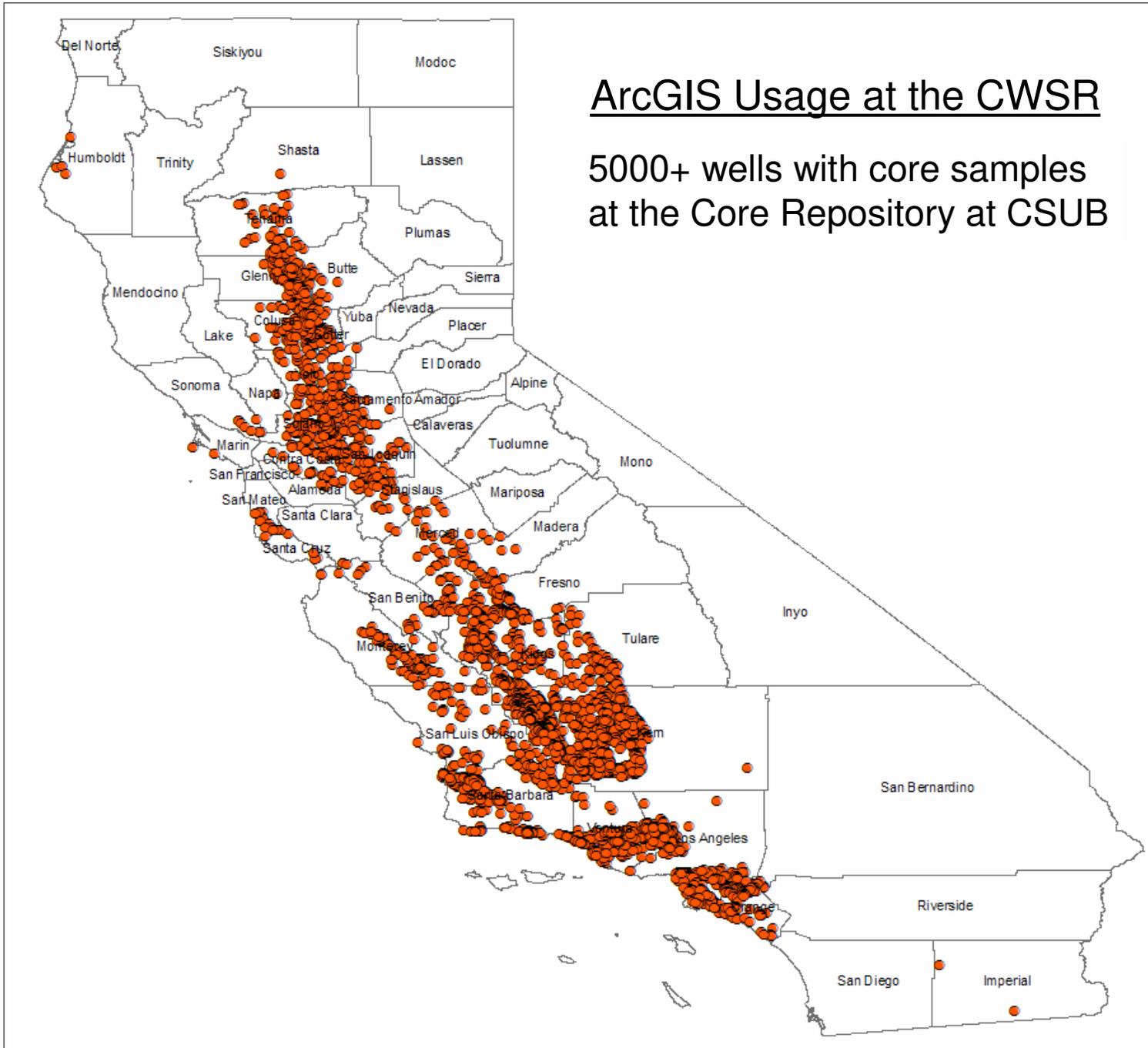
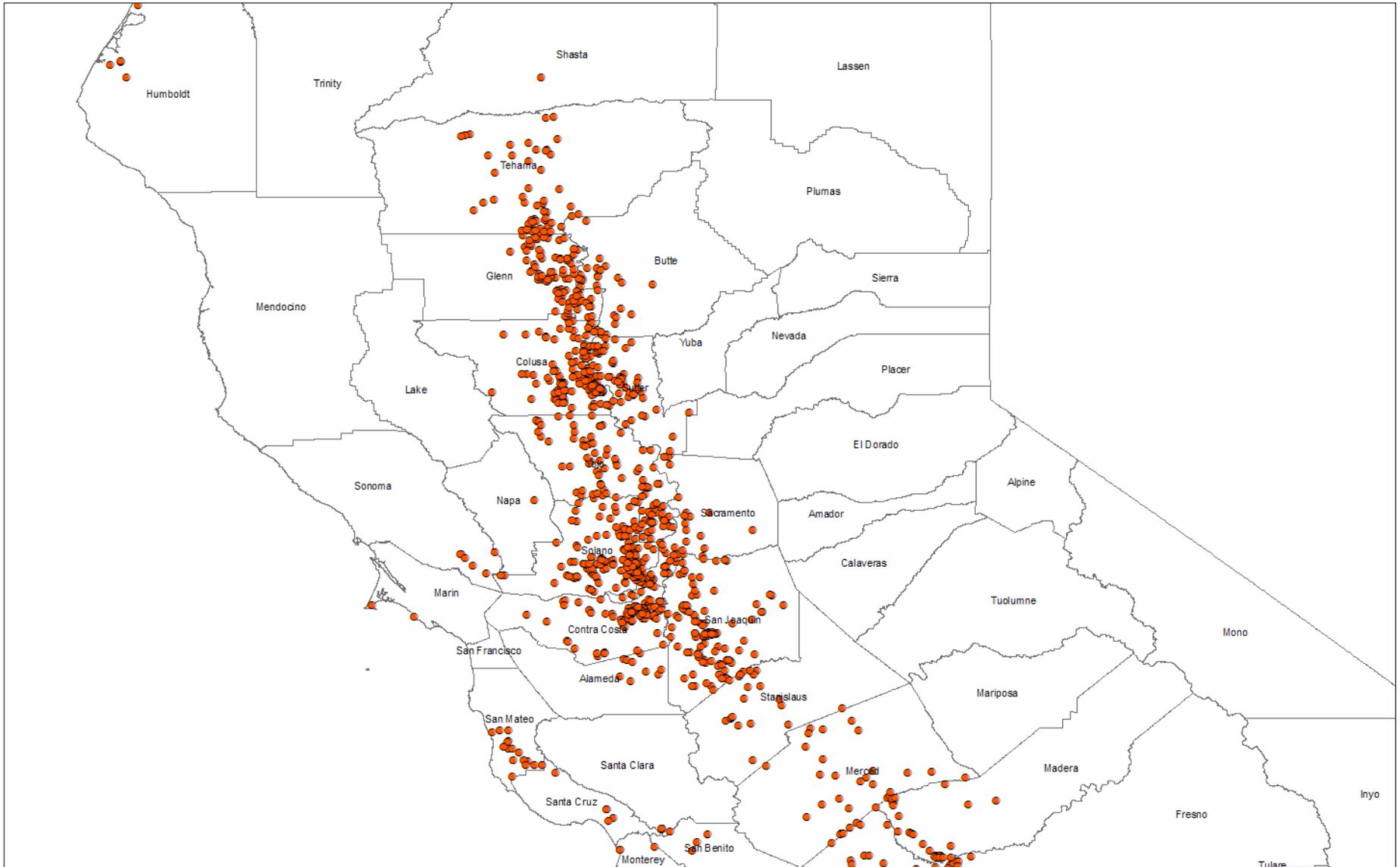


ArcGIS Usage at the CWSR

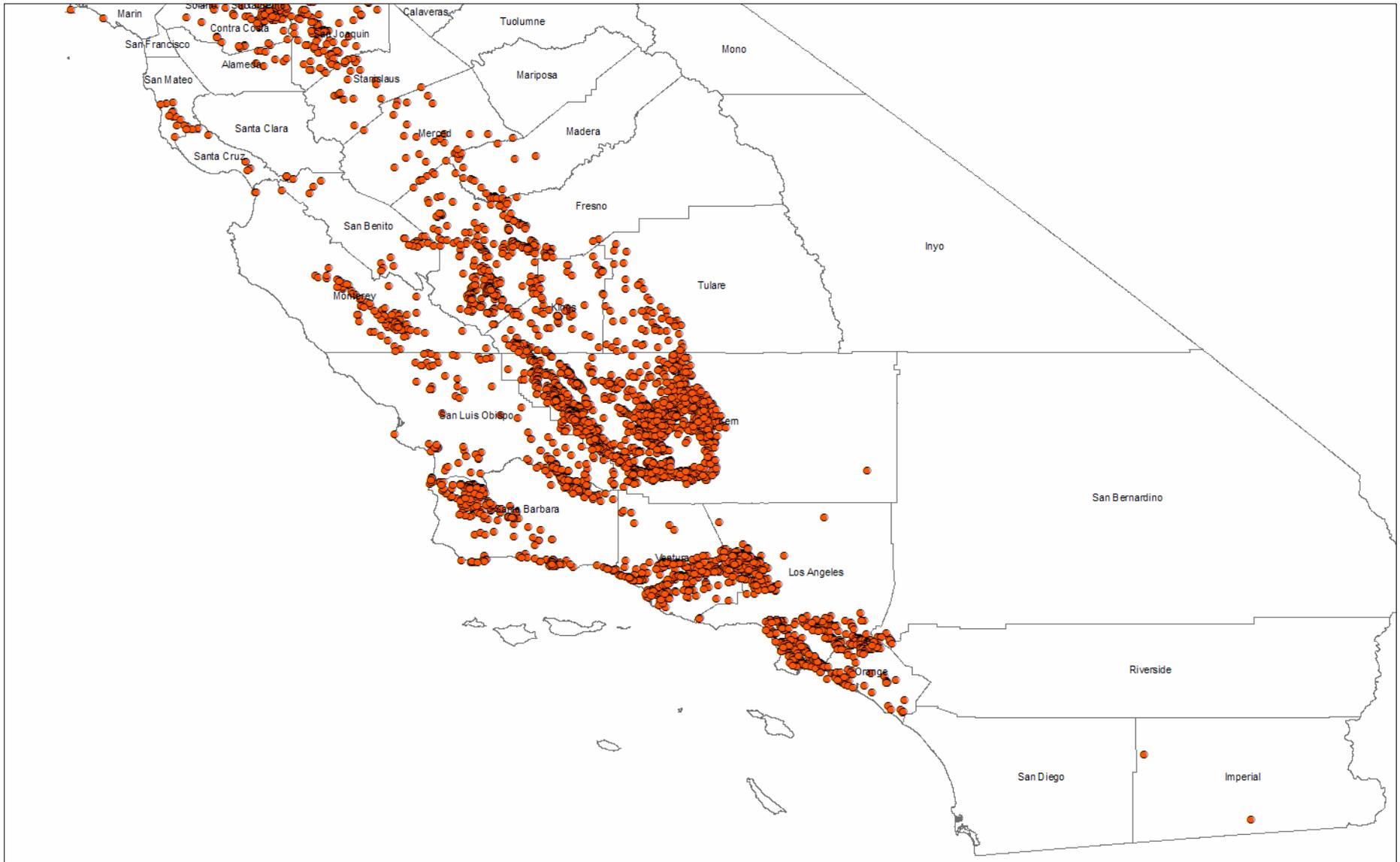
5000+ wells with core samples
at the Core Repository at CSUB



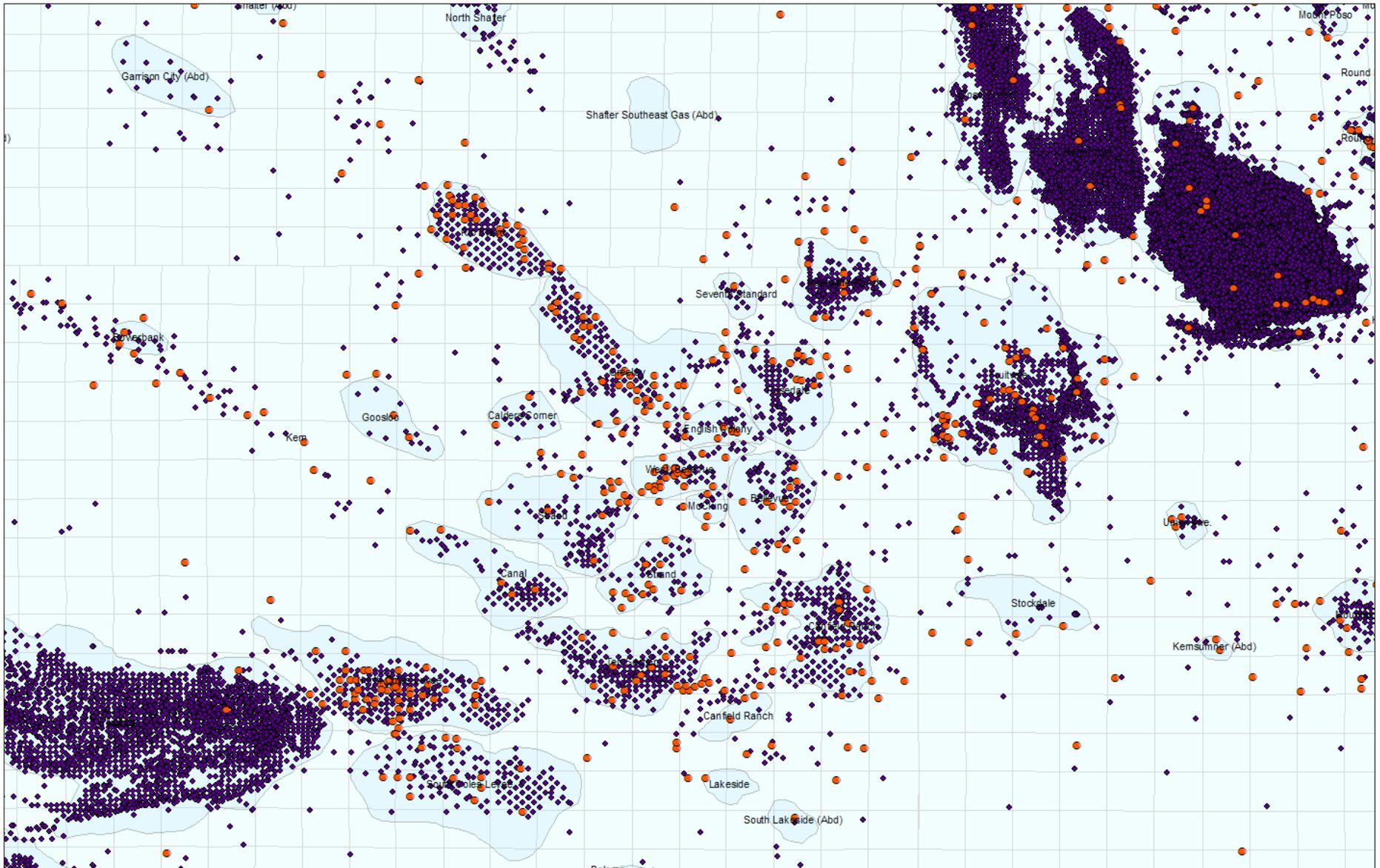
Wells with core samples in the Sacramento Valley "gas" region



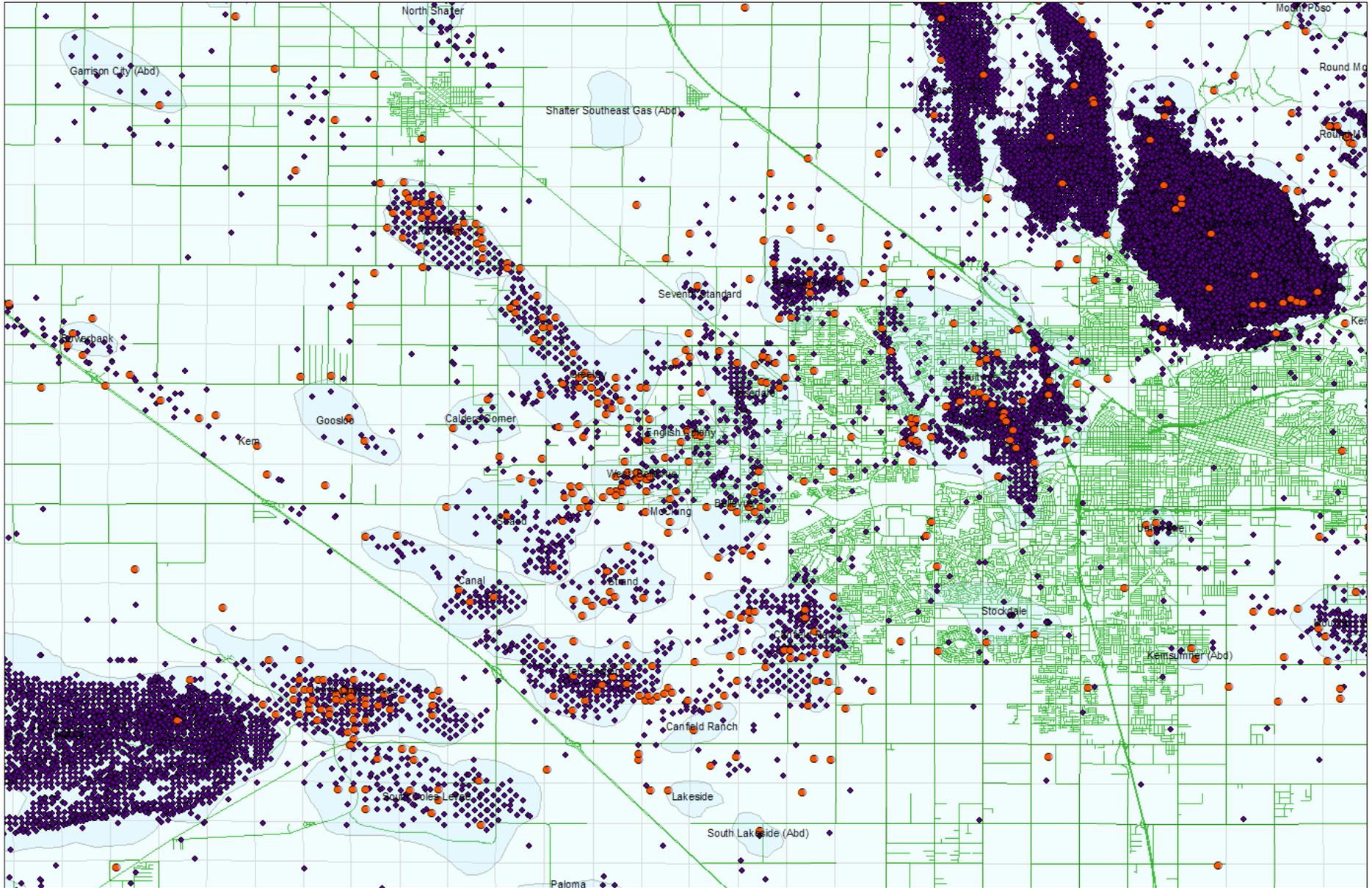
Wells with core samples in the San Joaquin Valley and other Southern California oil producing basins



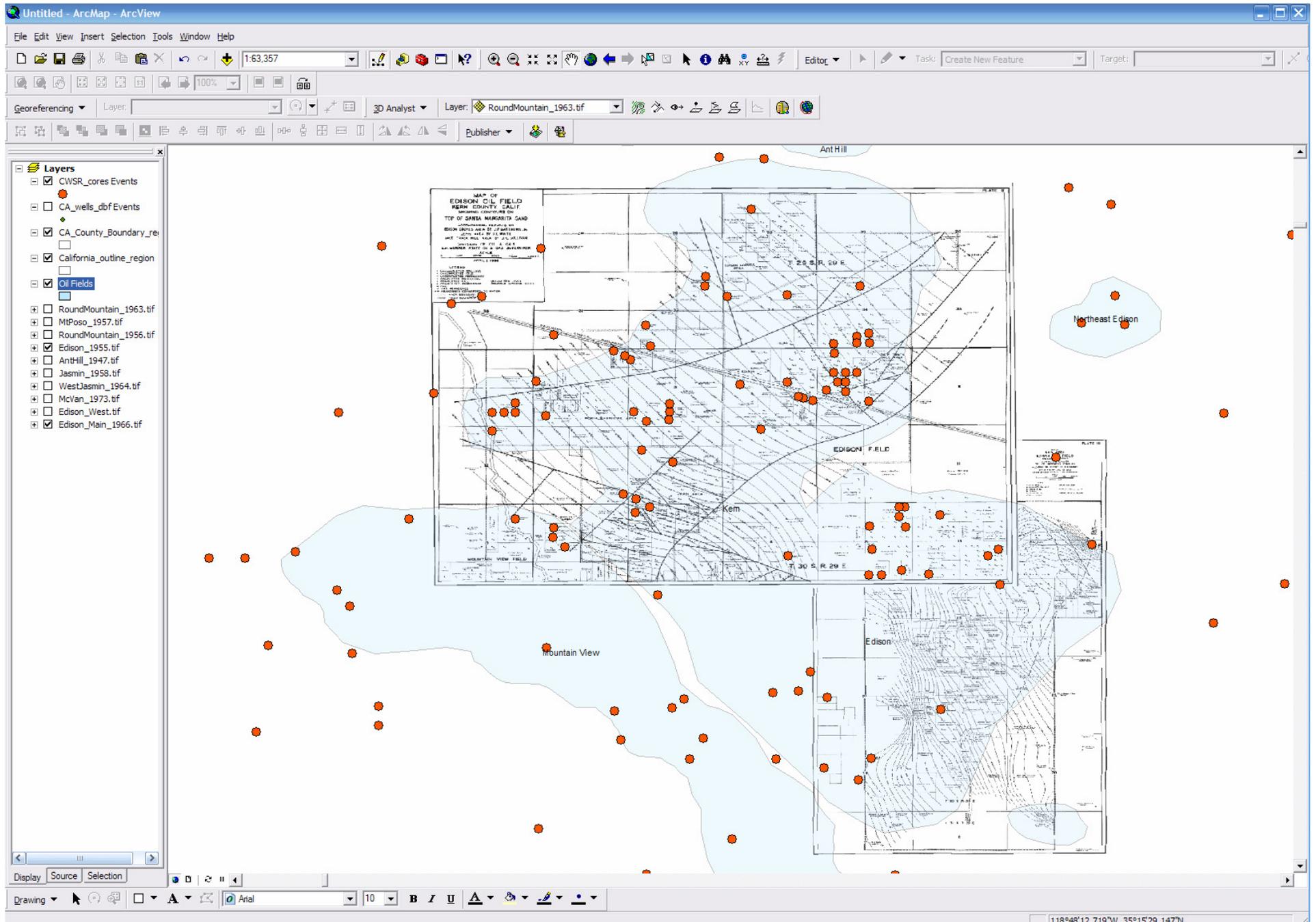
More detail in Kern County. Small dots are all wells in DOGGR database. Larger dots are wells with core samples at the Core Repository.



Roads added for reference



DOGGR field maps added and georeferenced to get more detailed geologic info



“Identify” tool used to get detailed information on each core sample

The screenshot displays the ArcGIS interface with a map of the Edison Oil Field in Kern County, California. The map shows various well paths and core sample locations marked with orange dots. A popup window titled "Identify" is open, showing the following information:

Identify from: CWSR_cores Events
Identified 1 feature

Location: -118.870442 35.339591 Decimal Degrees

Field	Value
APINUMBER	02904113
OPERATOR	Naftex Operating Company
LEASE	Graham
WELL_NO	41X-9
FIELD	Edison
AREA	Race Track Hill
MAP	434
STATUS_COD	008
LATITUDE	35.339409
LONGITUDE	-118.87042
TD	0
SEC	9
TWN	30S
RGE	29E
BM	MD
SPUDDATE	<null>
ABANDATE	<null>
COMMENTS	
DISTRICT	4
TOP_CORE	4801
BOTTOM_COR	5353
TYPE	CC
LOC	A0837
IND_WELL	1
BOOK	0

“Select Features” tool can be used to easily select all wells in a specific area.
 A list of selected wells can be exported and quickly emailed to customers.

The screenshot shows the ArcMap interface with a map of wells. A black arrow points to a cluster of wells in the Oak Canyon area, which are highlighted in yellow. Below the map, a window titled "Selected Attributes of CWSR Cores" displays a table of well data.

APINUMBER	OPERATOR	LEASE	WELL_NO	FIELD	AREA	MAP	STATUS_COD	LATITUDE	LONGITUDE	TD	SEC	TWIN	RGE	BM	SPUDDATE	ABANDDATE	COMMENTS	DISTRICT	TOP_CORE	BOTTOM_COR	TYPE	LOC
03705256	McFarland Energy Inc	George M. Lechler	6	Oak Canyon	Any Ar	253	015	34.475633	-118.695944	0	31	05N	17W	SB	<Null>	<Null>		2	9290	9750	D	A1275
03705251	Shirley M Lechler	Geo. M. Lechler	1	Oak Canyon	Any Ar	253	008	34.475754	-118.699553	0	31	05N	17W	SB	<Null>	<Null>		2	700	2440	CC	B0405
03705252	The Termo Company	Geo. M. Lechler	2	Oak Canyon	Any Ar	253	008	34.477785	-118.694588	0	31	05N	17W	SB	<Null>	<Null>		2	1770	2533	CC	B1842
03711680	Chevron U.S.A. Inc.	L.W. Gilmour Fee	2	Oak Canyon	Any Ar	253	006	34.47393	-118.688109	0	32	05N	17W	SB	<Null>	<Null>		2	5479	7685	CC	B0246
03711681	The Termo Company	L.W. Gilmour Fee	3	Oak Canyon	Any Ar	253	008	34.473596	-118.688135	0	32	05N	17W	SB	<Null>	<Null>		2	7325	9817	CC	B1549
03711688	The Termo Company	USL-F	15	Oak Canyon	Any Ar	253	009	34.472951	-118.695382	0	31	05N	17W	SB	<Null>	<Null>		2	1760	10155	CC	A0409
03711693	The Termo Company	USL-G	14	Oak Canyon	Any Ar	253	009	34.472972	-118.693157	0	32	05N	17W	SB	<Null>	<Null>		2	5684	6010	CC	A1718
03711686	The Termo Company	USL-F	12	Oak Canyon	Any Ar	253		34.473511	-118.699104	0	31	5N	17W	SB	<Null>	<Null>		2	2569	2836	CC	B1264