

PRUETT INDUSTRIES INC
8915 ROSEDALE HWY, BAKERSFIELD, CA. 93308
(805) 589-2768

SUB-SURFACE TEMPERATURE SURVEY

CO. OCCIDENTAL		RUN 04 FIELD	MEDICINE LAKE	FEDERAL UNIT
EFF DEPTH		GLASS MTN.		WELL 17A-6
CASING	-	WELL STAT	STATIC	TOOL HUNG
LINER	-	CASING PRESS		ON BOTTOM 4:09
DATE	082084	TUBING PRESS		OFF BOTTOM 4:28
ELEVATION		ELEMENT RANGE 72 - 540		ZERO POINT 0
MAX TEMP		ZONE		SHUT-IN
PERF	-	PICK-UP 9378'		ON-PROD
TUBING	-	CAL SER NO. 113		MPP
UNITS	ENGLISH	PURPOSE	TEMPERATURE GRADIENT	

SURVEY DATA

CO. OCCIDENTAL		RUN 04 FIELD	GLASS MTN.		WELL 17A-6		
TIME	DEPTH	P/T	GRAD	TIME	DEPTH	P/T	GRAD
10:45	3500	332.3	0.000	11:29	4370	366.6	0.000
10:46	3521	333.6	0.000	11:30	4404	366.9	0.000
10:47	3551	335.1	0.000	11:32	4432	367.7	0.000
10:49	3577	336.5	0.000	11:33	4460	368.0	0.000
10:50	3592	342.3	0.000	11:35	4493	367.9	0.000
10:50	3611	351.3	0.000	11:37	4526	366.9	0.000
10:51	3623	357.6	0.000	11:38	4552	366.9	0.000
10:53	3649	361.1	0.000	11:39	4575	366.9	0.000
10:54	3676	361.7	0.000	11:40	4605	366.8	0.000
10:56	3712	360.8	0.000	11:42	4634	366.2	0.000
10:58	3745	360.1	0.000	11:43	4657	365.1	0.000
10:59	3773	360.0	0.000	11:44	4689	363.2	0.000
11:01	3805	360.0	0.000	11:46	4711	361.7	0.000
11:02	3829	360.2	0.000	11:47	4736	360.0	0.000
11:03	3857	360.2	0.000	11:48	4760	358.7	0.000
11:04	3887	360.0	0.000	11:50	4800	358.3	0.000
11:06	3915	359.6	0.000	11:52	4846	358.5	0.000
11:07	3943	359.4	0.000	11:54	4877	359.0	0.000
11:09	3973	359.4	0.000	11:56	4914	358.3	0.000
11:10	4002	359.4	0.000	11:58	4951	357.4	0.000
11:12	4039	359.5	0.000	11:59	4981	355.8	0.000
11:14	4079	359.6	0.000	12:06	5023	354.9	0.000
11:16	4118	360.3	0.000	12:08	5050	354.4	0.000
11:17	4148	360.6	0.000	12:09	5082	353.6	0.000
11:19	4184	361.5	0.000	12:11	5115	352.5	0.000
11:20	4210	363.0	0.000	12:13	5155	350.5	0.000
11:22	4241	363.8	0.000	12:15	5193	349.0	0.000
11:24	4275	364.5	0.000	12:16	5225	348.1	0.000
11:26	4311	365.1	0.000	12:17	5251	347.3	0.000
11:27	4340	365.9	0.000	12:19	5273	346.4	0.000

SURVEY DATA

CO. OCCIDENTAL				RUN 04 FIELD GLASS MTN.				WELL 17A-6			
TIME	DEPTH	P/T	GRAD	TIME	DEPTH	P/T	GRAD	TIME	DEPTH	P/T	GRAD
12:20	5307	346.5	0.000	13:32	6750	353.0	0.000				
12:22	5338	346.5	0.000	13:34	6771	353.0	0.000				
12:23	5371	346.8	0.000	13:35	6803	353.5	0.000				
12:25	5403	346.8	0.000	13:37	6830	354.0	0.000				
12:27	5439	346.4	0.000	13:38	6858	353.9	0.000				
12:29	5472	346.2	0.000	13:40	6885	353.7	0.000				
12:30	5500	345.8	0.000	13:41	6913	353.7	0.000				
12:31	5524	346.3	0.000	13:42	6938	353.1	0.000				
12:32	5543	347.8	0.000	13:43	6962	352.4	0.000				
12:34	5565	349.1	0.000	13:44	6986	351.7	0.000				
12:35	5594	349.6	0.000	14:01	7020	350.9	0.000				
12:36	5621	349.9	0.000	14:03	7056	350.6	0.000				
12:37	5643	349.9	0.000	14:04	7080	349.9	0.000				
12:38	5668	349.8	0.000	14:06	7116	349.7	0.000				
12:40	5698	349.9	0.000	14:07	7141	349.3	0.000				
12:41	5722	350.3	0.000	14:09	7174	348.6	0.000				
12:43	5747	351.1	0.000	14:10	7205	348.0	0.000				
12:44	5770	351.5	0.000	14:11	7232	347.6	0.000				
12:44	5787	351.5	0.000	14:13	7263	347.4	0.000				
12:46	5815	351.9	0.000	14:14	7292	347.4	0.000				
12:47	5837	351.9	0.000	14:16	7319	347.6	0.000				
12:49	5864	352.2	0.000	14:17	7344	347.8	0.000				
12:50	5890	352.4	0.000	14:19	7372	348.3	0.000				
12:51	5923	352.4	0.000	14:20	7405	348.8	0.000				
12:53	5957	352.7	0.000	14:23	7455	349.7	0.000				
12:55	5990	352.7	0.000	14:25	7488	351.0	0.000				
12:57	6036	353.0	0.000	14:26	7527	352.1	0.000				
12:58	6065	354.1	0.000	14:28	7558	353.1	0.000				
12:59	6088	354.3	0.000	14:29	7592	354.1	0.000				
13:01	6118	354.7	0.000	14:31	7625	355.7	0.000				
13:02	6144	355.0	0.000	14:33	7655	356.7	0.000				
13:04	6174	355.0	0.000	14:34	7675	357.6	0.000				
13:07	6226	355.0	0.000	14:35	7699	358.5	0.000				
13:08	6263	355.0	0.000	14:37	7730	359.8	0.000				
13:10	6292	355.0	0.000	14:38	7757	360.4	0.000				
13:11	6319	355.0	0.000	14:39	7785	360.7	0.000				
13:12	6340	355.3	0.000	14:41	7812	361.1	0.000				
13:14	6368	355.3	0.000	14:42	7839	361.6	0.000				
13:15	6396	355.4	0.000	14:43	7861	363.2	0.000				
13:16	6421	355.4	0.000	14:44	7884	364.9	0.000				
13:17	6449	355.9	0.000	14:46	7906	366.9	0.000				
13:19	6481	356.1	0.000	14:47	7935	369.2	0.000				
13:20	6505	356.1	0.000	14:48	7957	371.8	0.000				
13:22	6529	356.3	0.000	14:49	7982	373.8	0.000				
13:24	6573	356.1	0.000	14:50	8007	376.1	0.000				
13:26	6608	355.9	0.000	14:52	8031	378.1	0.000				
13:27	6638	355.8	0.000	14:53	8054	380.1	0.000				
13:28	6666	355.1	0.000	14:54	8079	381.2	0.000				
13:30	6692	354.3	0.000	14:55	8101	381.7	0.000				
13:31	6724	353.6	0.000	14:56	8117	379.7	0.000				

SURVEY DATA

CO. OCCIDENTAL				RUN 04 FIELD GLASS MTN.				WELL 17A-6			
TIME	DEPTH	P/T	GRAD	TIME	DEPTH	P/T	GRAD	TIME	DEPTH	P/T	GRAD
14:56	8122	377.2	0.000	15:30	8800	375.2	0.000				
14:56	8129	374.8	0.000	15:32	8836	375.2	0.000				
14:57	8139	372.6	0.000	15:33	8864	375.3	0.000				
14:58	8158	371.3	0.000	15:35	8899	377.0	0.000				
14:59	8181	371.0	0.000	15:37	8926	378.5	0.000				
15:01	8214	371.7	0.000	15:38	8964	379.8	0.000				
15:02	8245	372.3	0.000	15:40	9000	382.0	0.000				
15:04	8273	372.4	0.000	15:41	9032	384.4	0.000				
15:05	8303	372.4	0.000	15:43	9062	386.8	0.000				
15:07	8333	372.4	0.000	15:44	9084	389.2	0.000				
15:09	8374	373.1	0.000	15:46	9111	390.4	0.000				
15:10	8410	374.0	0.000	15:47	9137	391.1	0.000				
15:13	8451	375.1	0.000	15:48	9163	392.2	0.000				
15:14	8484	375.2	0.000	15:49	9190	393.3	0.000				
15:16	8525	375.4	0.000	15:51	9219	394.7	0.000				
15:18	8555	375.4	0.000	15:52	9248	395.6	0.000				
15:19	8590	375.4	0.000	15:53	9271	396.9	0.000				
15:21	8622	375.8	0.000	15:55	9294	398.9	0.000				
15:23	8652	375.4	0.000	15:56	9318	400.7	0.000				
15:25	8686	375.5	0.000	15:57	9341	403.0	0.000				
15:26	8722	375.5	0.000	15:58	9361	404.9	0.000				
15:28	8765	375.6	0.000	16:22	9378	406.7	0.000				

* SURVEY RUN DOWN DRILLSTEM
BY WILSON / THOMPSON