



WELL ANALYSIS CORPORATION
AUDIO DETECTION SURVEY

FILING NO. _____
 COMPANY: SOUTHERN CALIF. GAS CO.
 WELL: PORTER 688
 COUNTY: LOS ANGELES STATE: CALIFORNIA
 LOCATION: _____ DISTRICT 2
 OTHER SVC: _____

AP# NUMBER: 040324136
 LAW: SEC. N/A TYP. N/A RING: N/A
 PERMANENT DATUM: GROUND LEVEL ELEV: 2077
 LOG MEASURED FROM KB 24 ABOVE PERM DATUM
 DRILLING MEASURED FROM KB: 2111 Ft.
 DI: Ft. 2077 Ft.
 ELEVATIONS: _____

DATE LOG RAN: 03-31-2016
 PRESSURE: _____ FLOWING: _____ INJECTION: _____ SHUT-IN: _____
 RUN NUMBER: ONE TUNING PSI: _____
 EFFECTIVE DEPTH: 7183' CASING PSI: _____
 PICKUP DEPTH: 6462' INJECTION RATE: N/A
 TOP LOGGED INT: 100' OISSURCED RATE: N/A
 R/A SOURCE: N/A
 TYPE OF INJECT: NONE ACTIVITY: N/A
 FLUID IN WELL: GAS HALF LIFE: N/A
 FLUID LEVEL: N/A

WELL STATUS: STATIC
 OIL-G: _____
 OIL = _____
 MAX TEMPERATURE: 161.1 F. GAS Gr. _____
 AT DEPTH: 6469.0' MPP _____
 TEMPERATURE SENS: 1.00 PPM
 LOGGING SPEED: 100 PPM
 RECORDED BY: C. BAKALAS
 WITNESSED BY: NONE
 EMAIL TO: AKARGAR

DEPTH CORRELATION: NONE



Equipment Data

Collar Locator	1.375"
Temperature Tool	1.375"
Audio Detector	1.375"

Remarks/Survey Results

07:00 AM ON LOCATION

CASING AND TUBING RECORD

SIZE	WT(#)	FROM	TO	SIZE	WT(#)	FROM	TO
13.375"	54	SURFACE	850'				
9.625"	47	SURFACE	6781'				
5.5"	17	6617'	7183'				
2.875"	6.5	SURFACE	6570'				

PERFORATIONS

PACKERS: 6569' - 6570'.
 SLIDING SLEEVES: 6498' - 6503'.

Audio Data: C:\DATA\NOISE.txt

DEPTH	200HZ	600HZ	1000HZ	2000HZ
100	4.20	3.20	1.80	0.90
250	4.10	3.10	1.70	0.90
500	4.10	3.10	1.70	0.90
700	4.10	3.10	1.70	0.90
720	4.20	3.10	1.70	0.90
740	4.10	3.10	1.70	0.90
760	4.20	3.10	1.70	0.90
780	4.30	3.20	1.70	0.90
800	4.10	3.10	1.70	0.90
820	4.20	3.20	1.70	0.90
840	4.20	3.20	1.80	0.90
860	4.10	3.10	1.70	0.90
880	4.20	3.20	1.70	0.90
900	3.80	3.20	1.70	0.90
1000	3.80	3.10	1.70	0.90
1250	3.80	3.20	1.70	0.90
1500	3.90	3.20	1.80	0.90
1749	3.80	3.20	1.80	0.90
2000	4.10	3.30	2.00	0.90
2249	4.20	3.30	1.80	0.90
2495	4.30	3.30	1.90	1.00
2998	3.60	3.10	1.70	0.90
3249	3.70	3.10	1.70	0.90
3499	3.70	3.10	1.70	0.90
3749	3.90	3.10	1.70	0.90
4001	4.20	3.10	1.70	0.90
4249	3.90	3.10	1.70	0.90
4499	3.80	3.10	1.70	0.90
4751	3.90	3.10	1.70	1.00
5000	3.90	3.10	1.70	1.00
5249	3.80	3.10	1.70	1.00
5500	3.90	3.10	1.70	1.00
5749	4.00	3.10	1.70	1.00
5999	4.00	3.10	1.70	1.00
6249	4.70	3.20	1.80	1.00
6349	4.10	3.20	1.90	1.00
6359	4.40	3.20	1.90	1.00
6369	4.30	3.20	1.90	1.00
6380	5.00	3.20	1.90	1.00
6390	5.50	3.50	1.90	1.00
6400	5.50	3.30	1.90	1.00
6410	5.70	3.40	2.00	1.00
6420	8.20	3.90	2.10	1.10
6429	9.90	3.70	2.00	1.00
6440	42.60	12.30	9.40	2.80
6450	49.60	14.10	9.60	2.80
6462	46.90	17.90	13.20	4.30

