



WELL ANALYSIS CORPORATION

AUDIO DETECTION SURVEY

WELL TYPE GS	COMPANY: SOUTHERN CALIF. GAS CO	WELL: PORTER 238	STATE: CALIFORNIA
FIELD: ALISO CANYON	COUNTY: LOS ANGELES	LOCATION: DISTRICT 2	OTHER SVC:
API NUMBER: 040707012	SRG: 28	TWN: 3N	RNG: 16W
PERMANENT DATUM: GROUND LEVEL	ELEV: 2681'	DR: 2704' FT.	GI: 2681' FT.
LOG MEASURED FROM: 23' ABOVE PERM DATUM	DRILLING MEASURED FROM:	DATE LOG RAN: 04-09-2016	PRESSURE FLOWING INJECTION SHUT-IN
RUN NUMBER: ONE	TURNING PSI: 1380	EFFECTIVE DEPTH: 8122'	CASING PSI: 1380
PICKUP DEPTH: 8088'	INJECTION RATE: N/A	TOP LOGGED INT: 25'	RA SOURCE: N/A
TYPE OF INJECT: NONE	ACTIVITY: N/A	FLUID IN WELL: WIG	HALF LIFE: N/A
FLUID LEVEL: NONE	PRODUCTION DATA	WELL STATUS: STATIC	1741.5' OIL-G.
MAX TEMPERATURE: 1741.5' OIL-G.	GAS-G:	TEMPERATURE SENS: 1 F/DIV	MPP
LOGGING SPEED: 100 FPM	CITIZEN	RECORDED BY: NONE	WATER-
WITNESSED BY: A.K.A.RGAR	DEPTH CORRELATION: LINER TOP		

Time Event	Equipment Data	TOOL DIAGRAM					
07:00 AM - ON LOCATION	Collar Locator 1.375"						
08:00 AM - RAN IN HOLE	Temperature Tool 1.375"						
08:13 AM - BEGIN SURVEY	Audio Detector 1.375"						
10:45 AM - PULLED OUT OF HOLE							
11:15 AM - OFF LOCATION							
Remarks/Survey Results							
PLEASE NOTE: WELL HEAD LEAKING BY SIDE VELOCITY.							
SANDTAG MARKERS: 7520' TOP MP 7821' TOP S4 7917' TOP S8 8110' TOP BS							
CASING AND TUBING RECORD							
SIZE	WT(#)	FROM	TO	SIZE	WT(#)	FROM	TO
13.375"	54.5	SURFACE	808'				
9.875"	47	SURFACE	7802'				
5.500"	17	809'	8122'				
1.300"	93	SURFACE	7626.8'				
PERFORATIONS							
STR.	PIPE DIA.	7713'-8117'					
A	5.500"	7713'-8117'					
		FACERS: 7624'-7628'					
		MANDRELS: 7510.6'-7524.46'					
		SLEEVES: 7556.3'-7559.5'					
		NO-GO: 7591.3'					

Audio Data: c:\data\NOISE.txt			
DEPTH	200HZ	600HZ	1000HZ 2000HZ
25	24.10	15.00	13.80 7.80
50	21.90	14.30	13.50 8.00
100	37.90	22.00	19.00 8.00
200	43.20	12.20	11.10 5.60
450	17.20	11.20	8.30 3.40
700	5.80	4.60	2.10 1.50
720	7.10	4.80	3.10 1.10
740	7.10	4.90	3.10 1.10
760	6.50	4.70	3.10 1.20
780	5.60	4.30	2.80 1.10
800	5.10	4.20	3.00 1.00
820	6.50	5.20	3.60 1.10
840	4.80	4.10	2.80 1.00
860	5.30	4.20	2.80 1.00
880	5.40	4.40	2.60 0.90
900	6.70	5.00	3.10 1.00
1000	6.10	4.80	2.60 0.80
1250	4.90	4.00	2.20 0.60
1500	4.10	3.60	2.30 0.60
1750	3.70	3.30	2.00 0.60
2000	3.30	3.10	2.00 0.60
2250	3.80	3.40	2.00 0.60
2500	3.30	3.10	1.70 0.60
2750	3.50	3.10	1.80 0.60
3000	3.20	3.00	1.70 0.60
3250	3.30	3.10	1.50 0.60
3500	3.30	3.10	1.80 0.70
3750	4.00	3.20	1.90 0.70
4000	3.70	3.10	1.80 0.60
4250	3.30	3.00	1.80 0.60
4500	3.20	3.00	1.50 0.60
4750	3.80	3.20	1.90 0.70
5000	3.30	3.00	1.70 0.60
5250	3.80	3.50	2.30 0.90
5500	3.30	3.10	1.80 0.60
5750	3.40	3.10	1.50 0.60
6000	3.60	3.10	1.80 0.60
6250	3.60	3.30	1.90 0.70
6500	3.20	3.00	1.80 0.60
6750	3.20	3.10	1.80 0.70
7000	3.20	3.00	1.70 0.60
7250	3.40	3.00	1.70 0.60
7480	2.80	2.10	1.30 0.60
7490	2.90	2.10	1.30 0.60
7500	2.80	2.10	1.30 0.60
7510	2.70	2.10	1.30 0.60
7520	2.80	2.10	1.30 0.60
7530	3.30	2.30	1.30 0.60
7540	2.80	2.10	1.30 0.60
7550	2.90	2.10	1.30 0.60
7560	2.70	2.10	1.30 0.60
7570	2.80	2.10	1.30 0.60
7580	2.70	2.10	1.30 0.60
7590	2.80	2.10	1.30 0.60
7600	2.80	2.10	1.30 0.60
7610	2.70	2.10	1.30 0.60
7620	2.80	2.10	1.30 0.60
7630	2.70	2.10	1.30 0.60
7640	2.80	2.10	1.30 0.60
7650	2.70	2.10	1.30 0.60
7660	2.90	2.20	1.40 0.60
7670	2.80	2.10	1.40 0.60
7680	2.80	2.10	1.30 0.60
7690	3.20	2.50	1.60 0.70
7700	2.90	2.20	1.40 0.60
7710	3.20	2.30	1.50 0.60
7720	3.60	2.70	1.90 0.70
7730	3.20	2.50	1.70 0.70
7740	4.10	3.20	2.10 0.80
7750	12.20	8.50	6.70 2.10
7850	8.20	7.60	4.50 1.20
7950	4.00	3.20	2.30 0.80
8050	3.40	2.40	1.40 0.60
8086	3.90	2.40	1.30 0.60

