WELL ANALYSIS CORPORATION

AUDIO DETECTION SURVEY

COMPANY:	SOUTHERN CALIF. GAS CO.
WELL:	PORTER 26A
FIELD:	ALISO CANYON
COUNTY:	LOS ANGELES
STATE:	CALIFORNIA
LOCATION:	DISTRICT 2
OTHER SVC:	
WELL TYPE	GS, OG

API NUMBER: 0403721362
SEC: 28 TWN: 3N RNG: 16W
MM

PERMANENT DATUM: GROUND LEVEL ELEV: 2505.00'
LOG MEASURED FROM MAT 0' ABOVE PERM DATUM
DRILLING MEASURED FROM

-ELEVATIONS-
KB: 2517.00 Ft.
DF: Ft.
GL: 2505.00 Ft.

DATE LOG RAN	10-03-2016	PRESSURE	FLOWING	INJECTION	SHUT-IN
RUN NUMBER	ONE	TUBING PSI			0
EFFECTIVE DEPTH	8188'	CASING PSI			0
PICKUP DEPTH	7670'	INJECTION RATE		N/A	
BOT LOGGED INT	7670'	OBSERVED RATE		N/A	
TOP LOGGED INT	100'	R/A SOURCE		N/A	
TYPE OF INJECT	N/A	ACTIVITY		N/A	
FLUID IN WELL	WATER	HALF LIFE		N/A	
FLUID LEVEL	SURFACE				
WELL STATUS	STATIC			PRODUCTION DATA	
MAX TEMPERATURE	165.9 F.	OIL Gr.		OIL =	
AT DEPTH	7670.0'	GAS Gr.		GAS=	
TEMPERATURE SENS	1 F/DIV.	MPP		BHP =	
LOGGING SPEED	100 FPM			WATER=	
RECORDED BY	D. PROKUSKI				
WITNESSED BY	N/A				
EMAIL TO	A. ALSHAMMASI				
DEPTH CORRELATION	N/A				

Time/Events		Equipment Data	
10:00 AM ON LOCATION		COLLAR LOCATOR	1.375"
10:10 AM RAN IN HOLE		TEMPERATURE TOOL	1.375"
10:15 AM BEGIN SURVEY		AUDIO DETECTOR	1.375"
1:15 PM PULL OUT OF HOLE			
1:30 PM OFF LOCATION			

TOOL DIAGRAM
COLLAR LOCATOR AT 2.0'
TEMPERATURE TOOL AT 5.0'
AUDIO DETECTOR AT 8.0'

Remarks/Survey Results

SAND TAG MARKERS: 7854' TOP S4
7954' TOP S8
8064' TOP HZ
8118' TOP FREW

CASING AND TUBING RECORD

SIZE	WT(#)	FROM	TO	SIZE	WT(#)	FROM	TO
13.375"	54.5	SURFACE	807'	2.875"	6.5	7680.9'	7811.7'
8.625"	36	SURFACE	7853.7'				
6.625"	28	7687.4'	8188'				
3.500"	11.6	SURFACE	7680.9'				

STR.	PIPE DIA.	PERFORATIONS
A	6.625"	SLOTTED: 7852'-8135'.
		PACKERS: 7687.4'-7692.2', EXTERNAL CASING PACKER: 8136.8'-8148.4'.
		GAS LIFT MANDRELS 7571.6'-7579.6'.
		SLIDING SLEEVES: 7612.1'-7615.3', 7698.2'-7700.8'.
		STAGE COLLAR: 2968'.
		ON-OFF TOOL: 7646.8'-7648.5'.

Audio Data: C:\data\NOISE.txt

DEPTH	200HZ	600HZ	1000HZ	2000HZ
50	17.20	3.20	0.70	0.20
250	17.30	3.20	0.70	0.20
500	17.10	3.20	0.70	0.30
600	16.90	3.20	0.70	0.20
620	17.00	3.10	0.70	0.20
640	17.00	3.10	0.70	0.20
660	17.30	3.20	0.70	0.20
680	17.20	3.20	0.70	0.20
700	16.80	3.10	0.70	0.20
720	17.10	3.10	0.70	0.20
740	17.20	3.10	0.70	0.20
760	17.00	3.10	0.70	0.20
780	16.80	3.10	0.70	0.20
800	17.10	3.10	0.70	0.20
820	17.00	3.20	0.70	0.20
840	17.00	3.10	0.70	0.20
860	16.90	3.10	0.70	0.20
880	16.90	3.10	0.70	0.30
899	16.80	3.10	0.70	0.20
1000	16.90	3.10	0.70	0.20
1250	16.80	3.10	0.70	0.20
1499	16.80	3.10	0.70	0.20
1750	16.70	3.10	0.70	0.20
2000	16.60	3.10	0.70	0.30
2250	16.20	3.00	0.70	0.30
2499	16.40	3.00	0.70	0.20
2750	16.30	3.00	0.70	0.20
3000	16.40	3.00	0.70	0.20
3250	16.40	3.00	0.70	0.20
3500	16.20	3.00	0.70	0.20
3750	16.30	2.90	0.70	0.20
4000	16.10	2.90	0.70	0.20
4250	16.40	3.00	0.70	0.20
4500	16.40	3.00	0.70	0.20
4750	16.40	2.90	0.70	0.20
5000	16.10	2.90	0.70	0.20
5250	16.00	2.90	0.70	0.20
5500	15.90	2.90	0.70	0.20
5750	15.80	2.80	0.70	0.20
6000	15.70	2.80	0.70	0.20
6250	15.60	2.80	0.70	0.20
6500	15.60	2.80	0.70	0.20
6750	15.60	2.80	0.70	0.20
7000	15.50	2.80	0.70	0.20
7250	15.30	2.80	0.70	0.20
7500	15.20	2.80	0.70	0.20
7510	15.30	2.80	0.70	0.20
7520	15.10	2.70	0.70	0.20
7530	15.20	2.80	0.70	0.20
7540	15.30	2.80	0.70	0.20
7550	15.20	2.80	0.70	0.20
7560	15.20	2.80	0.70	0.30
7570	15.10	2.80	0.70	0.20
7580	15.10	2.70	0.70	0.20
7590	15.00	2.70	0.70	0.20
7600	15.00	2.70	0.70	0.20
7610	14.90	2.70	0.70	0.20
7620	14.90	2.70	0.70	0.20
7630	14.80	2.70	0.70	0.30
7640	14.90	2.80	0.70	0.20
7650	14.70	2.70	0.70	0.30
7660	14.50	2.70	0.70	0.30
7670	14.40	2.70	0.70	0.30