WELL ANALYSIS CORPORATION

AUDIO DETECTION SURVEY

WELL TYPE	GS
COMPANY:	SOUTHERN CALIF. GAS CO.
WELL:	PORTER 26C
FIELD:	ALISO CANYON
COUNTY:	LOS ANGELES
STATE:	CALIFORNIA
LOCATION:	DISTRICT 2
OTHER SVC:	
API NUMBER:	0403721353
SEC: 28	TWN: 3N RNG: 16W
	ES

PERMANENT DATUM: GROUND LEVEL ELEV:
LOG MEASURED FROM KB 12' ABOVE PERM DATUM
DRILLING MEASURED FROM

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

		PRESSURE	FLOWING	INJECTION	SHUT-IN
DATE LOG RAN	12-07-2015				
RUN NUMBER	ONE	TUBING PSI			2375
EFFECTIVE DEPTH	8255'	CASING PSI			2375
PICKUP DEPTH	N/A	INJECTION RATE		N/A	
BOT LOGGED INT	3500'	OBSERVED RATE		N/A	
TOP LOGGED INT	100'	R/A SOURCE		N/A	
TYPE OF INJECT	NONE	ACTIVITY		N/A	
FLUID IN WELL	GAS	HALF LIFE		N/A	
FLUID LEVEL	NONE				
WELL STATUS	STATIC	PRODUCTION DATA			
MAX TEMPERATURE	109.5 F.	OIL Gr.		OIL =	
AT DEPTH	3492.0'	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.KARGAR				
DEPTH CORRELATION	N/A				

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

GAS TOOL DIAGRAM

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

Remarks/Survey Results

10:30 AM - ON LOCATION
11:15 AM - RAN IN HOLE
11:20 AM - BEGIN SURVEY
02:00 PM - PULLED OUT OF HOLE
02:30 PM - OFF LOCATION
SAND TAG MARKERS: 7960' TOP S4
8180' TOP S8

CASING AND TUBING RECORD

SIZE	WT(#)	FROM	TO	SIZE	WT(#)	FROM	TO
8.625"	36	SURFACE	7574'				
7.000"	23	4968'	7950'				
6.000"	17	7896'	8196'				
2.875"	6.5	SURFACE	7834.6'				

STR.	PIPE DIA.	PERFORATIONS
		PACKERS: 7828.85'-7833'.
		SLEEVES: 7785.41'-7789.01'.
		NO-GO: 7822.65'.

Audio Data: C:\data\NOISE.txt

DEPTH	200HZ	600HZ	1000HZ	2000HZ
800	18.00	12.60	8.20	2.80
900	17.70	12.00	7.80	2.80
1000	18.40	13.50	9.10	2.90
1100	16.90	10.60	6.70	3.10
1200	17.00	10.80	6.80	2.80
1300	15.20	9.30	5.90	3.40
1400	15.10	9.80	6.90	3.50
1500	14.50	8.90	6.10	3.70
1510	14.50	8.90	6.10	3.70
1520	14.50	9.10	6.00	3.80
1530	14.50	8.80	5.90	3.80
1540	14.50	9.50	6.90	4.20
1550	15.10	9.30	6.30	4.30
1560	15.90	10.30	7.70	6.40
1570	13.80	9.00	6.70	5.30
1580	13.70	8.60	5.90	4.10
1590	13.70	8.30	5.60	3.90
1600	13.30	8.20	5.50	3.70
1610	13.10	8.40	5.80	4.00
1620	13.70	8.80	6.00	3.90
1630	13.80	8.30	5.70	3.90
1640	13.80	9.00	6.30	4.30
1650	13.40	8.90	6.50	4.60
1660	14.50	9.00	6.40	4.90
1670	15.60	10.90	8.60	7.20
1680	13.70	8.90	6.40	4.70
1690	13.20	8.60	6.00	4.30
1700	12.90	8.50	6.10	4.20
1710	13.40	8.30	6.00	4.20
1720	13.70	9.00	6.20	4.40
1730	13.10	8.30	5.90	4.30
1740	13.20	8.50	6.10	4.40
1750	13.20	8.50	6.00	4.40
1760	12.90	8.30	6.00	4.30
1770	13.20	8.30	6.00	4.30
1780	13.10	8.50	6.20	4.50
1790	14.00	8.70	6.60	4.80
1800	14.00	8.60	6.30	4.70
1820	12.90	8.20	6.00	4.50
1840	14.00	8.60	6.20	4.50
1860	12.80	8.40	6.20	4.60
1880	13.80	8.40	6.40	4.70
1900	13.00	8.30	6.20	4.60
1950	12.80	8.14	6.10	4.60
2000	14.00	8.20	6.20	4.40
2080	13.30	8.30	6.20	4.40
2100	13.20	8.30	6.30	4.30
2150	14.50	10.10	8.40	6.70
2200	13.20	8.50	6.70	5.00
2250	13.10	8.80	7.10	5.50
2300	14.00	9.10	7.50	6.00
2350	14.40	9.50	7.90	6.60
2400	13.60	9.90	8.40	7.10
2450	13.90	9.90	8.50	7.20
2500	14.20	10.60	9.10	7.90
2520	17.10	12.60	11.10	10.00
2540	15.70	11.30	9.90	8.80
2560	16.80	12.30	10.70	9.40
2580	15.20	10.90	9.10	7.90
2600	14.40	10.10	8.60	7.50
2610	14.70	10.60	9.20	8.10
2620	16.50	11.90	10.50	9.40
2630	14.90	10.90	9.50	8.60
2640	16.10	12.30	11.10	10.30
2650	15.90	12.30	11.10	10.10
2660	13.90	10.20	8.60	7.50
2670	15.00	10.60	7.20	7.90
2680	14.30	10.50	8.80	7.50
2690	14.80	10.50	8.90	7.80
2700	14.80	10.70	9.30	8.20
2710	15.30	12.00	10.70	9.60
2720	15.20	11.60	10.20	9.20
2730	17.10	13.40	12.10	11.10
2740	16.30	13.00	11.80	11.00
2750	16.70	13.70	12.60	11.50
2760	14.80	11.30	10.10	9.30
2770	14.70	11.50	10.30	9.20
2780	14.00	10.80	9.50	8.50
2790	15.20	12.20	11.00	10.10
2800	16.30	13.40	12.30	11.20
2810	16.80	14.40	13.30	12.30
2820	20.10	17.50	16.60	16.00
2830	18.40	16.00	15.10	14.40
2840	15.50	12.20	10.90	9.90
2850	13.00	9.50	8.00	6.00
2860	12.80	9.00	7.30	5.90
2870	13.30	9.00	7.30	6.00
2880	12.40	8.50	6.80	5.40
2890	12.00	8.50	6.90	5.60
2900	12.40	9.00	7.30	5.80
2920	12.20	8.50	6.70	5.40
2940	12.00	8.50	6.70	5.40
2960	12.10	8.40	6.70	5.40
2980	11.90	8.30	6.50	5.20
3000	11.80	8.70	7.00	5.70
3050	12.80	9.10	7.10	5.80
3100	11.80	8.10	6.40	4.90
3150	11.60	7.90	6.00	4.50
3200	10.80	7.50	5.50	4.00
3250	10.50	7.30	5.30	3.80
3300	10.50	7.00	5.00	3.50
3350	10.00	6.80	4.80	3.30
3400	9.60	6.70	4.50	3.00
3450	9.80	6.70	4.40	2.90
3500	9.30	6.70	4.40	3.00