WELL ANALYSIS CORPORATION

AUDIO DETECTION SURVEY

WELL TYPE	GS
COMPANY:	SOUTHERN CALIF. GAS CO.
WELL:	PORTER 25R
FIELD:	ALISO CANYON
COUNTY:	LOS ANGELES
STATE:	CALIFORNIA
LOCATION:	DISTRICT 2
OTHER SVC:	
API NUMBER:	0403700712
SEC: 28	TWN: 3N RNG: 16W
	BFW
PERMANENT DATUM:	GROUND LEVEL ELEV:
LOG MEASURED FROM	MAT 0' ABOVE PERM DATUM
DRILLING MEASURED FROM	

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

DATE LOG RAN	04-12-2016	PRESSURE	FLOWING	INJECTION	SHUT-IN
RUN NUMBER	ONE	TUBING PSI			1367
EFFECTIVE DEPTH	8122'	CASING PSI			1367
PICKUP DEPTH	8116'	INJECTION RATE	N/A		
BOT LOGGED INT	8116'	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	N/A				
WELL STATUS	STATIC		PRODUCTION DATA		
MAX TEMPERATURE	181.5 F.	OIL Gr.	N/A	OIL =	N/A
AT DEPTH	8116.0'	GAS Gr.	N/A	GAS=	N/A
TEMPERATURE SENS	1 F/DIV.	MPP	N/A	BHP =	N/A
LOGGING SPEED	100 FPM			WATER=	N/A
RECORDED BY	D.PROKUSKI				
WITNESSED BY	N/A				
EMAIL TO	A.KARGAR				
DEPTH CORRELATION	LINER TOP				

Equipment Data

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

TOOL DIAGRAM

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

Remarks/Survey Results

07:30AM - ON LOCATION
08:00AM - RAN IN HOLE
08:05AM - BEGIN SURVEY
11:30AM - PULL OUT OF HOLE
11:45AM - OFF LOCATION

SAND TAG MARKERS: 7520' TOP MP
7719' TOP S1
7821' TOP S4
7917' TOP S8
8110' TOP BS

CASING AND TUBING RECORD

SIZE	WT(#)	FROM	TO	SIZE	WT(#)	FROM	TO
13.375"	55.4	SURFACE	825'				
9.625"	47	SURFACE	7802'				
5.500"	17	7691'	8122'				
2.875"	6.5	SURFACE	7628'				

STR.	PIPE DIA.	PERFORATIONS
A	5.500"	7717'-7799', 7799'-8117'.
		PACKERS: 7624.8'-7626.8'.
		GAS LIFT MANDRELS: 7510.6'-7524.5'.
		SLIDING SLEEVES: 7556.3'-7559.5'.
		NO-GO: 7591.3'.

Audio Data: C:\data\NOISE.txt

DEPTH	200HZ	600HZ	1000HZ	2000HZ	COMMENTS
100	12.60	6.60	4.00	1.40	
250	12.80	6.60	4.10	1.50	
500	14.20	7.20	4.40	2.20	POSS. WATER
700	11.10	6.60	3.90	1.40	
720	10.90	6.50	3.90	1.40	
740	11.10	6.60	3.80	1.40	
760	10.80	6.50	3.80	1.40	
780	10.80	6.50	3.80	1.40	
800	10.80	6.50	3.80	1.40	
880	10.80	6.50	3.80	1.40	
840	10.70	6.50	3.80	1.40	
860	10.70	6.50	3.80	1.40	
880	10.70	6.50	3.80	1.30	
900	10.70	6.60	3.80	1.30	
1000	10.70	6.60	3.90	1.30	
1250	10.60	6.60	3.80	1.30	
1500	10.60	6.50	3.80	1.40	
1600	10.50	6.50	3.80	1.40	
1620	10.60	6.60	3.90	1.30	
1640	10.60	6.50	3.90	1.40	
1660	10.60	6.50	3.80	1.30	
1680	10.60	6.60	3.80	1.30	
1700	10.60	6.60	3.80	1.30	
1720	10.50	6.50	3.80	1.30	
1740	10.50	6.60	3.90	1.40	
1760	10.40	6.60	3.90	1.40	
1780	10.40	6.50	3.80	1.30	
1800	10.50	6.60	3.90	1.40	
2000	10.40	6.60	3.80	1.40	
2250	10.50	6.50	3.80	1.30	
2500	10.50	6.50	3.80	1.30	
2750	10.40	6.50	3.90	1.40	
3000	10.40	6.50	3.80	1.40	
3250	10.30	6.50	3.80	1.40	
3500	10.20	6.40	3.80	1.40	
3750	10.20	6.40	3.80	1.40	
4000	10.20	6.50	3.80	1.40	
4250	10.10	6.50	3.90	1.40	
4500	9.90	6.30	3.90	1.70	
4750	9.80	6.40	3.90	1.50	
5000	9.80	6.40	3.80	1.50	
5250	9.40	6.30	3.90	1.80	
5500	9.30	6.20	3.90	1.80	
5750	9.30	6.20	3.90	1.80	
6000	9.20	6.30	3.90	1.80	
6250	9.20	6.30	3.80	1.80	
6500	9.40	6.40	3.80	1.60	
6750	9.20	6.40	3.80	1.70	
7000	9.20	6.40	3.80	1.70	
7250	9.10	6.40	3.80	1.70	
7480	9.00	6.50	3.80	1.70	
7490	9.00	6.40	3.80	1.70	
7500	9.00	6.40	3.80	1.70	
7510	9.00	6.50	3.80	1.70	
7520	8.90	6.40	3.80	1.70	
7530	9.00	6.50	3.70	1.60	
7540	9.00	6.50	3.80	1.60	
7550	9.00	6.50	3.80	1.60	
7560	8.90	6.50	3.80	1.60	
7570	9.00	6.60	3.80	1.60	
7580	9.00	6.60	3.80	1.60	
7590	8.90	6.60	3.80	1.60	
7600	8.90	6.50	3.80	1.60	
7610	9.00	6.60	3.70	1.50	
7620	8.90	6.50	3.70	1.50	
7630	8.90	6.60	3.70	1.50	
7640	8.80	6.50	3.70	1.60	
7650	9.00	6.60	3.80	1.60	
7660	9.00	6.60	3.70	1.60	
7670	8.90	6.60	3.80	1.60	
7680	8.80	6.60	3.70	1.60	
7690	8.80	6.60	3.80	1.70	
7700	8.70	6.60	3.70	1.70	
7710	8.70	6.60	3.70	1.70	
7720	8.70	6.50	3.70	1.70	
7730	8.70	6.60	3.70	1.70	
7740	8.70	6.70	3.80	1.80	
7750	8.50	6.60	3.80	1.90	
7800	9.00	6.80	4.00	2.10	
7900	9.60	7.30	4.40	2.20	
8000	8.70	6.90	4.00	2.40	
8050	8.80	6.80	3.80	2.00	
8116	8.60	7.00	3.90	1.90	