WELL ANALYSIS CORPORATION

AUDIO DETECTION SURVEY

WELL TYPE: GS	COMPANY: SOUTHERN CALIF. GAS CO.		
	WELL: PORTER 30		
	FIELD: ALISO CANYON		
	COUNTY: LOS ANGELES	STATE: CALIFORNIA	
	LOCATION: DISTRICT 2	OTHER SVC:	
DL	API NUMBER: 0403700717 SEC: 27 TWN: 03N RNG: 16W		

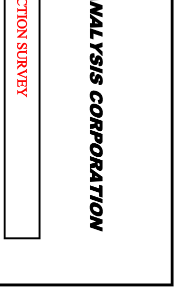
PERMANENT DATUM: GROUND LEVEL ELEV: 1779.00'
LOG MEASURED FROM KB 10' ABOVE PERM DATUM
DRILLING MEASURED FROM

-ELEVATIONS-
KB: 1809.00 Ft.
DF: Ft.
GL: 1799.00 Ft.

DATE LOG RAN	03-29-2016	PRESSURE	FLOWING	INJECTION	SHUT-IN
RUN NUMBER	ONE	TUBING PSI			1112
EFFECTIVE DEPTH	7386'	CASING PSI			1112
PICKUP DEPTH	7386'	INJECTION RATE		N/A	
BOT LOGGED INT	7386'	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	159.0 F.	OIL Gr.		OIL =	
AT DEPTH	7060.5'	GAS Gr.		GAS=	
TEMPRATURE SENS	1 F/DIV.	MPP		BHP =	
LOGGING SPEED	100 FPM			WATER=	
RECORDED BY	C. BARAJAS				
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"		



Remarks/Survey Results

10:30 AM - ON LOCATION
SAND TAG MARKERS: 7000' TOP MP
7150' TOP S1
7235' TOP S4
7348' TOP S8

CASING AND TUBING RECORD

SIZE	WT(#)	FROM	TO	SIZE	WT(#)	FROM	TO
13.375"	54.5	SURFACE	565'	2.375"	4.6	SURFACE	7059'
7"	23	SURFACE	7229'				
5.5"	17	SURFACE	7100'				
5"	18	7134'	7386'				

STR.	PIPE DIA.	PERFORATIONS
A	5.000"	7134'-7386'.
		PACKERS: 7056'-7059'.
		MANDRELS: 6959'-6968'.
		SLEEVES: 7015'-7020'.
		NO-GO: 7042'.

Audio Data: C:\data\NOISE.txt

DEPTH	200HZ	600HZ	1000HZ	2000HZ
100	4.70	3.40	2.00	1.00
250	4.10	3.20	1.70	0.90
400	4.20	3.30	1.80	0.90
410	3.70	3.20	1.80	0.90
430	4.10	3.20	1.70	0.90
450	4.00	3.30	1.90	1.00
470	4.40	3.30	1.80	0.90
490	4.50	3.30	1.80	0.90
510	4.30	3.30	1.80	0.90
530	4.40	3.20	1.70	0.90
550	3.90	3.30	1.80	0.90
570	4.10	3.20	1.70	0.90
590	4.00	3.20	1.80	0.90
610	3.90	3.20	1.70	0.90
630	3.70	3.10	1.70	0.90
650	4.50	3.20	1.70	0.90
750	3.80	3.20	1.80	0.90
1000	3.80	3.10	1.70	0.90
1250	3.60	3.10	1.70	0.90
1500	4.20	3.20	1.90	0.90
1750	3.50	3.10	1.70	0.90
2000	3.50	3.10	1.70	0.90
2250	3.50	3.10	1.70	0.90
2500	3.40	3.10	1.70	0.90
2750	3.40	3.10	1.70	0.90
3000	3.50	3.10	1.70	0.90
3250	3.50	3.10	1.80	0.90
3500	3.80	3.10	1.80	0.90
3750	3.60	3.10	1.70	0.90
4000	3.90	3.10	1.80	0.90
4250	3.60	3.10	1.80	0.90
4500	4.30	3.20	1.80	0.90
4750	3.60	3.10	1.70	0.90
5000	3.30	3.00	1.70	0.90
5250	3.90	3.20	1.70	0.90
5500	3.30	3.00	1.80	0.90
5750	3.40	3.10	1.90	0.90
6000	3.50	3.00	1.70	0.90
6300	3.30	3.00	1.80	0.90
6320	3.30	3.00	1.80	0.90
6340	3.50	3.20	1.90	0.90
6360	3.30	3.00	1.70	0.90
6380	3.40	3.00	1.80	0.90
6400	3.30	3.00	1.80	0.90
6420	3.30	3.00	1.80	0.90
6440	3.40	3.10	1.90	1.00
6460	3.30	3.00	1.70	0.90
6480	3.30	3.00	1.80	0.90
6500	3.30	3.00	1.80	0.90
6520	3.40	3.00	1.80	0.90
6540	3.30	3.00	1.80	0.90
6560	3.40	3.00	1.80	0.90
6580	3.60	3.20	1.90	1.00
6600	3.70	3.40	2.10	1.00
6750	3.30	3.00	1.70	0.90
6850	3.20	3.00	1.70	0.90
6860	3.30	3.00	1.80	0.90
6870	3.30	3.00	1.80	0.90
6880	3.20	2.90	1.80	0.90
6890	3.20	2.90	1.70	0.90
6900	3.40	3.10	2.00	1.00
6910	3.30	2.90	1.70	0.90
6920	3.20	2.90	1.70	0.90
6930	3.30	3.00	1.80	0.90
6940	3.50	3.00	1.80	0.90
6950	3.30	3.00	1.80	0.90
6960	3.40	3.00	1.80	0.90
6970	3.20	2.90	1.70	0.90
6980	3.40	3.00	1.80	0.90
6990	3.80	3.20	2.00	1.00
7000	3.30	3.00	1.80	0.90
7010	3.30	3.00	1.80	0.90
7020	3.30	3.00	1.80	0.90
7030	3.50	3.10	1.80	0.90
7040	3.50	3.10	1.80	0.90
7050	3.30	3.00	1.80	0.90
7060	3.30	3.00	1.70	0.90
7070	3.30	3.00	1.80	0.90
7080	3.30	3.00	1.70	0.90
7090	3.30	3.00	1.80	0.90
7100	3.30	3.00	1.80	0.90
7110	5.20	4.20	2.80	1.00
7120	3.40	3.10	1.80	0.90
7130	3.50	3.00	1.70	0.90
7140	3.60	3.10	1.80	0.90
7150	3.80	3.30	2.00	1.00
7160	3.60	3.30	2.00	0.90
7170	3.30	3.10	1.80	0.90
7180	3.30	3.00	1.70	0.90
7190	3.60	3.30	2.00	0.90
7200	3.50	3.20	2.00	1.00
7210	3.70	3.30	2.00	1.00
7220	3.40	3.00	1.70	0.90
7230	3.50	3.20	1.80	0.90
7240	3.30	3.20	1.90	0.90
7250	3.30	3.00	1.70	0.90
7350	3.30	3.00	1.70	0.90
7386	3.20	2.90	1.70	0.90