WELL ANALYSIS CORPORATION

AUDIO DETECTION SURVEY

WELL TYPE: GS

COMPANY: SOUTHERN CALIF GAS CO.
WELL: STANDARD SESNON 4B
FIELD: ALISO CANYON
COUNTY: LOS ANGELES
STATE: CALIFORNIA
LOCATION: DISTRICT 2
OTHER SVC:

API NUMBER: 0403730460
SEC: 29 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.

			PRESSURE	FLOWING	INJECTION	SHUT-IN
DATE LOG RAN	07-14-2016					
RUN NUMBER	ONE		TUBING PSI			0
EFFECTIVE DEPTH	10314'		CASING PSI			0
PICKUP DEPTH	7470'		INJECTION RATE	N/A		
BOT LOGGED INT	7470'		OBSERVED RATE	N/A		
TOP LOGGED INT	50'		R/A SOURCE	N/A		
TYPE OF INJECT	NONE		ACTIVITY	N/A		
FLUID IN WELL	G/W		HALF LIFE	N/A		
FLUID LEVEL	N/A					
WELL STATUS	STATIC		PRODUCTION DATA			
MAX TEMPERATURE	162.5 F.	OIL Gr.	N/A	OIL =	N/A	
AT DEPTH	7470.0'	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	A.KARGAR					
EMAIL TO						
DEPTH CORRELATION	N/A					

Times | Events
07:30AM - ON LOCATION
08:00AM - RAN IN HOLE
08:05AM - BEGIN SURVEY

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

CASING AND TUBING RECORD

SIZE	WT(#)	FROM	TO	SIZE	WT(#)	FROM	TO
13.375"	54.5	SURFACE	1436'				
9.625"	40.0	SURFACE	8887'				

STR. PIPE DIA. PERFORATIONS

Audio Data: C:\data\NOISE.txt

DEPTH	200HZ	600HZ	1000HZ	2000HZ
50	3.00	2.80	1.40	0.60
100	3.30	2.80	1.40	0.50
200	4.10	2.90	1.40	0.50
400	3.80	2.90	1.40	0.50
600	3.20	2.70	1.40	0.60
800	3.10	2.70	1.40	0.60
1000	3.10	2.70	1.40	0.60
1200	3.00	2.70	1.40	0.60
1400	2.90	2.70	1.40	0.60
1420	3.00	2.60	1.40	0.60
1440	2.90	2.60	1.40	0.60
1460	3.00	2.60	1.40	0.60
1480	3.10	2.70	1.40	0.60
1500	3.20	2.70	1.40	0.60
1600	2.90	2.70	1.40	0.60
1800	3.00	2.70	1.40	0.60
2000	3.20	2.70	1.40	0.60
2200	3.20	2.70	1.40	0.60
2400	2.90	2.60	1.40	0.60
2600	3.00	2.60	1.40	0.60
2800	3.00	2.50	1.40	0.60
3000	2.70	2.50	1.30	0.60
3200	3.00	2.50	1.30	0.60
3400	2.70	2.50	1.30	0.60
3600	2.90	2.50	1.40	0.60
3800	2.70	2.50	1.40	0.60
4000	2.80	2.50	1.30	0.60
4200	2.80	2.50	1.40	0.70
4400	2.60	2.50	1.30	0.60
4600	2.70	2.60	1.40	0.60
4800	2.60	2.50	1.30	0.60
4900	2.60	2.50	1.30	0.60
4920	2.60	2.50	1.40	0.60
4940	2.60	2.50	1.30	0.60
4960	2.60	2.50	1.30	0.60
4980	2.60	2.50	1.30	0.60
5000	2.60	2.50	1.30	0.60
5020	2.60	2.50	1.30	0.60
5040	2.60	2.50	1.30	0.60
5060	2.60	2.50	1.30	0.60
5080	2.60	2.50	1.30	0.60
5100	2.70	2.50	1.30	0.60
5200	2.60	2.50	1.30	0.60
5400	2.60	2.40	1.30	0.60
5600	2.60	2.40	1.30	0.60
5800	2.60	2.40	1.30	0.60
6000	2.50	2.40	1.30	0.60
6200	2.50	2.40	1.30	0.60
6300	2.50	2.40	1.30	0.60
6320	2.50	2.40	1.30	0.60
6340	2.50	2.40	1.30	0.60
6360	2.50	2.40	1.30	0.60
6380	2.50	2.40	1.30	0.60
6400	2.50	2.40	1.30	0.60
6420	2.50	2.40	1.30	0.60
6440	2.50	2.40	1.30	0.60
6460	2.50	2.40	1.30	0.60
6480	2.50	2.40	1.30	0.60
6500	2.50	2.40	1.30	0.60
6600	2.50	2.40	1.30	0.60
6800	2.50	2.40	1.30	0.60
7000	2.40	2.30	1.30	0.50
7200	2.40	2.30	1.20	0.50
7220	2.40	2.30	1.20	0.50
7240	2.40	2.30	1.20	0.50
7260	2.40	2.30	1.20	0.50
7280	2.40	2.30	1.20	0.50
7300	2.50	2.30	1.20	0.50
7310	2.40	2.30	1.20	0.50
7320	2.40	2.30	1.20	0.50
7330	2.40	2.30	1.20	0.50
7340	2.40	2.30	1.20	0.50
7350	2.40	2.30	1.20	0.50
7360	2.40	2.30	1.20	0.50
7370	2.40	2.30	1.20	0.50
7380	2.40	2.30	1.20	0.50
7390	2.40	2.30	1.20	0.50
7400	2.40	2.30	1.20	0.50
7420	2.40	2.30	1.20	0.50
7430	2.40	2.30	1.20	0.50
7440	2.40	2.30	1.20	0.50
7450	2.40	2.30	1.20	0.50
7460	2.50	2.40	1.30	0.50
7470	2.50	2.40	1.30	0.60