WELL ANALYSIS CORPORATION

AUDIO DETECTION SURVEY

WELL TYPE:	GS
COMPANY:	SOUTHERN CALIF. GAS CO.
WELL:	PORTER 26E
FIELD:	ALISO CANYON
COUNTY:	LOS ANGELES
STATE:	CALIFORNIA
LOCATION:	DISTRICT 2
OTHER SVC:	
API NUMBER:	0403721319
SEC: 28	TWN: 3N RNG: 16W
AJ	

PERMANENT DATUM: GROUND LEVEL ELEV:
LOG MEASURED FROM KB 12' 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			1178
EFFECTIVE DEPTH	7912'	CASING PSI			1178
PICKUP DEPTH	7284'	INJECTION RATE	N/A		
BOT LOGGED INT	7284'	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	163.3 F	OIL Gr.	OIL =		
AT DEPTH	7284'	GAS Gr.	GAS=		
TEMPERATURE SENS	1 F/DIV.	MPP	BHP =		
LOGGING SPEED	100 FPM		WATER=		
RECORDED BY	S. MACIAS				
WITNESSED BY	N/A				
EMAIL TO	A. KARGAR				
DEPTH CORRELATION	MANDREL				

Equipment Data

COLLAR LOCTOR	1.375"		
TEMPERATURE TOOL	1.375"		
AUDIO DETECTOR	1.375"		

TOOL DIAGRAM

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

Remarks/Survey Results

7:00AM ON LOCATION
8:36AM RAN IN HOLE
8:38AM BEGIN SURVEY
5:51PM PULL OUT OF HOLE
6:30PM OFF LOCATION

SAND TAG MARKERS: 7190' MP
7435' S1
7537' S4
7610' S8

CASING AND TUBING RECORD

SIZE	WT(#)	FROM	TO	SIZE	WT(#)	FROM	TO
13.375"	48	SURFACE	659'				
8.625"	36	SURFACE	7412'				
6.625"	28	7398'	7912'				
2.875"	6.5	SURFACE	7398'				

STR.	PIPE DIA.	PERFORATIONS
A	6.625"	WSO: 7521'-7523' WSO: 7357'-7359'
		7540'-7545', 7568'-7572', 7613'-7676', 7691'-7761', 7798'-7808',
		7822'-7854', 7860'-7912'.
		PACKERS: 7345.2'-7353.1', 7392'-7398'.
		GAS LIFT MANDRELS: 7230.1'-7236.4'.
		SLIDING SLEEVES: 7269.5'-7272.6'.
		NO-GO: 7304.7'.
		COLLARS: 2943'.

Audio Data: C:\data\NOISE.txt

DEPTH	200HZ	600HZ	1000HZ	2000HZ	COMMENTS
100	13.90	6.70	4.20	1.50	TRUCK #1125 RIG WORK BELOW AND SURFACE EXHAUST PIPE ON FLOWLINE LEAKING
200	14.00	6.70	4.10	1.50	
220	13.90	6.60	4.10	1.40	
240	13.80	6.60	4.10	1.50	
260	13.60	6.60	4.10	1.50	
280	13.90	6.60	4.10	1.50	
300	13.90	6.60	4.10	1.40	
320	13.50	6.60	4.00	1.40	
340	13.60	6.50	4.00	1.40	
360	13.60	6.60	4.10	1.40	
380	13.50	6.60	4.10	1.40	
400	13.50	6.50	4.00	1.40	
600	13.50	6.60	4.00	1.40	
620	13.50	6.60	4.10	1.50	
640	13.60	6.60	4.10	1.50	
660	13.70	6.60	4.10	1.40	
680	13.40	6.60	4.10	1.50	
700	13.60	6.70	4.30	1.70	
720	13.50	6.60	4.10	1.40	
740	13.50	6.70	4.10	1.40	
760	13.80	6.90	4.20	1.40	
780	13.40	6.60	4.10	1.40	
800	13.50	6.60	4.10	1.40	
820	13.50	6.60	4.10	1.40	
840	13.60	6.60	4.10	1.40	
860	13.70	6.60	4.10	1.40	
880	13.70	6.60	4.10	1.40	
900	13.80	6.80	4.40	1.70	
1050	13.70	6.60	4.10	1.50	
1300	13.80	6.70	4.10	1.40	
1550	13.60	6.60	4.10	1.40	
1570	13.50	6.60	4.10	1.40	
1590	13.70	6.70	4.10	1.50	
1610	13.50	6.60	4.10	1.40	
1630	13.60	6.60	4.10	1.40	
1650	13.60	6.60	4.10	1.40	
1670	13.80	6.80	4.20	1.50	
1690	13.60	6.60	4.10	1.40	
1710	13.70	6.60	4.10	1.50	
1730	13.60	6.60	4.10	1.40	
1750	13.70	6.70	4.20	1.50	
1900	13.50	6.60	4.10	1.40	
2150	13.50	6.60	4.10	1.40	
2400	13.60	6.60	4.10	1.50	
2650	13.30	6.60	4.10	1.50	
2680	13.30	6.60	4.10	1.50	
2700	13.40	6.60	4.10	1.50	
2720	13.40	6.80	4.40	1.60	
2740	13.30	6.60	4.10	1.50	
2760	13.30	6.60	4.10	1.50	
2780	13.40	6.70	4.30	1.70	
2800	13.40	6.60	4.10	1.50	
2820	13.30	6.60	4.10	1.50	
2840	13.40	6.60	4.10	1.50	
2860	13.50	6.60	4.20	1.50	
2880	13.60	6.60	4.20	1.50	
2900	13.40	6.60	4.10	1.50	
2920	13.40	6.70	4.20	1.50	
2940	13.60	6.60	4.20	1.50	
2960	13.40	6.60	4.20	1.60	
2980	13.40	6.60	4.10	1.40	
3000	13.30	6.60	4.10	1.40	
3020	13.90	6.70	4.20	1.50	
3040	13.30	6.60	4.10	1.50	
3060	13.40	6.60	4.10	1.50	
3080	13.50	6.80	4.40	1.70	
3100	13.60	7.00	4.70	2.20	
3120	13.40	6.60	4.20	1.50	
3140	13.50	6.60	4.20	1.60	
3160	13.40	6.60	4.10	1.40	
3180	13.30	6.60	4.10	1.50	
3200	13.40	6.60	4.20	1.50	
3390	13.30	6.80	4.40	1.70	
3640	13.20	6.70	4.30	1.60	
3890	13.20	6.90	4.70	2.20	
4140	13.20	6.60	4.30	1.60	
4390	13.10	6.70	4.30	1.90	
4640	13.00	6.60	4.20	1.70	
4890	13.20	6.60	4.20	1.50	
5140	13.00	6.60	4.30	1.70	
5390	13.40	6.70	4.40	1.80	
5640	13.00	6.50	4.20	1.60	
5890	13.00	6.60	4.20	1.60	
6140	13.70	6.90	4.50	1.60	
6390	13.20	6.70	4.40	1.60	
6640	13.30	6.90	4.40	1.60	
6890	13.30	7.30	4.70	1.60	
7140	13.70	7.70	5.20	1.60	
7150	14.00	7.90	5.30	1.80	
7160	13.60	7.80	5.20	1.70	
7170	14.30	8.20	5.50	1.70	
7180	14.20	7.90	5.40	1.70	
7190	14.00	8.00	5.40	1.80	
7200	14.50	8.10	5.60	1.70	
7210	13.70	7.80	5.30	1.70	
7220	14.30	8.40	5.80	1.80	
7230	14.10	8.20	5.30	1.70	
7240	14.00	8.30	5.70	1.80	
7250	13.80	8.10	5.50	1.80	
7260	13.40	8.40	5.80	1.60	
7270	14.40	8.90	6.50	1.90	
7280	18.10	10.00	6.70	2.10	

1440 COLLAR LOCATOR 2125

60 TEMPERATURE [DEG F] 80

0.02 AUDIO DETECTION LOG (MV) 200

-2 DIFFERENTIAL TEMPERATURE [DEG F] 2