WELL ANALYSIS CORPORATION

AUDIO DETECTION SURVEY

COMPANY:	SOUTHERN CALIF. GAS CO.
WELL:	PORTER 42A
FIELD:	ALISO CANYON
COUNTY:	LOS ANGELES
STATE:	CALIFORNIA
LOCATION:	DISTRICT 2
OTHER SVC:	
WELL TYPE	GS, OG
API NUMBER:	0403721876
SEC: 28	TWN: 03N RNG: 16W

CB

PERMANENT DATUM: GROUND LEVEL ELEV: 1963.00 FT.
LOG MEASURED FROM KB 22' ABOVE PERM DATUM
DRILLING MEASURED FROM

-ELEVATIONS-
KB: 1985.00 Ft.
DF: Ft.
GL: 1963.00 Ft.

		PRESSURE	FLOWING	INJECTION	SHUT-IN
DATE LOG RAN	03-24-2016				
RUN NUMBER	ONE	TUBING PSI			1097
EFFECTIVE DEPTH	7713'	CASING PSI			1097
PICKUP DEPTH	7602'	INJECTION RATE		N/A	
BOT LOGGED INT	7602'	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	163.8 F.	OIL Gr.		OIL =	
AT DEPTH	7342.0'	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	LINER TOP				

Equipment Data

COLLAR LOCATOR	1.375"		
TEMPERATURE TOOL	1.375"		
AUDIO DETECTOR	1.375"		

Remarks/Survey Results

11:15 AM - ON LOCATION
11:30 AM - RAN IN HOLE
11:40 AM - BEGIN SURVEY
02:45 PM - PULL OUT OF HOLE
03:00 PM - OFF LOCATION
SAND TAG MARKERS: 7250' TOP MP
7449' TOP S1
7522' TOP S4
7603' TOP S8

TOOL DIAGRAM

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

CASING AND TUBING RECORD

SIZE	WT(#)	FROM	TO	SIZE	WT(#)	FROM	TO
13.375"	54.5	SURFACE	1021'	2.875"	6.5	7351'	7365'
8.625"	36.0	SURFACE	7531'				
5.500"	20.0	7447'	7718'				
3.500"	9.3	SURFACE	7351'				

STR.	PIPE DIA.	PERFORATIONS
A	5.500"	SLOTTED: 7531'-7718'.
		PACKERS: 7347'-7351'.
		GAS LIFT MANDREL: 7264'-7269'.
		SLIDING SLEEVES: 7305'-7310'.
		NO-GO: 7340'.

Audio Data: C:\data\NOISE.txt

DEPTH	200HZ	600HZ	1000HZ	2000HZ
100	11.20	6.20	4.70	3.00
250	10.20	5.30	3.70	2.30
500	10.10	5.20	3.60	2.20
700	10.10	5.20	3.70	2.20
720	10.00	5.20	3.60	2.20
740	10.20	5.30	3.80	2.30
760	10.20	5.30	3.70	2.20
780	10.20	5.30	3.80	2.30
800	10.10	5.30	3.80	2.30
820	10.20	5.30	3.70	2.20
840	10.10	5.20	3.70	2.20
860	10.20	5.20	3.60	2.20
880	10.10	5.20	3.60	2.20
900	10.20	5.20	3.70	2.20
920	10.10	5.20	3.70	2.20
940	10.10	5.20	3.60	2.10
960	10.00	5.20	3.70	2.20
980	10.10	5.20	3.70	2.20
1000	10.10	5.20	3.70	2.20
1020	10.00	5.20	3.60	2.10
1040	10.10	5.30	3.70	2.20
1060	10.10	5.20	3.60	2.20
1080	10.10	5.20	3.70	2.10
1100	10.10	5.30	3.70	2.20
1250	10.00	5.20	3.70	2.20
1400	10.10	5.20	3.70	2.10
1420	10.00	5.20	3.70	2.10
1440	10.00	5.20	3.60	2.10
1460	10.00	5.20	3.60	2.10
1480	10.10	5.20	3.70	2.10
1500	9.90	5.20	3.70	2.10
1520	10.00	5.20	3.60	2.10
1540	9.90	5.20	3.60	2.10
1560	9.80	5.20	3.60	2.10
1580	9.90	5.20	3.60	2.10
1600	9.90	5.20	3.70	2.20
1750	9.90	5.20	3.70	2.20
2000	9.80	5.20	3.70	2.20
2250	9.80	5.30	3.80	2.30
2500	9.70	5.20	3.70	2.20
2750	9.80	5.20	3.80	2.20
3000	9.70	5.30	3.80	2.30
3250	9.60	5.20	3.70	2.20
3500	9.60	5.10	3.70	2.20
3750	9.50	5.10	3.70	2.20
4000	9.50	5.10	3.60	2.10
4250	9.40	5.10	3.70	2.20
4500	9.30	5.10	3.60	2.20
4750	9.30	5.10	3.70	2.20
5000	9.30	5.10	3.70	2.30
5250	9.30	5.10	3.70	2.20
5500	9.30	5.10	3.70	2.20
5750	9.30	5.20	3.80	2.30
6000	9.20	5.00	3.70	2.20
6250	9.10	5.00	3.60	2.10
6500	9.00	5.00	3.60	2.10
6750	8.90	5.00	3.60	2.10
7000	8.90	5.00	3.60	2.10
7010	8.90	5.00	3.60	2.10
7020	9.00	5.00	3.70	2.20
7030	8.90	5.00	3.60	2.10
7040	8.90	5.00	3.60	2.10
7050	8.90	5.00	3.70	2.20
7060	8.90	5.00	3.60	2.10
7070	8.90	5.00	3.70	2.20
7080	8.80	4.90	3.60	2.10
7090	8.80	4.90	3.60	2.10
7100	8.80	5.00	3.60	2.10
7110	8.90	5.00	3.60	2.10
7120	8.80	5.00	3.60	2.10
7130	8.90	5.00	3.60	2.10
7140	8.80	5.00	3.60	2.10
7160	8.80	5.00	3.70	2.20
7170	8.80	4.90	3.60	2.10
7180	8.90	5.10	3.80	2.30
7190	8.80	5.00	3.60	2.10
7200	8.80	5.00	3.60	2.10
7210	8.80	5.00	3.70	2.20
7220	8.80	5.00	3.60	2.10
7230	8.70	5.00	3.60	2.10
7240	8.80	5.00	3.60	2.10
7250	8.80	5.00	3.70	2.20
7260	8.80	5.10	3.70	2.20
7270	8.80	5.00	3.60	2.10
7280	8.80	5.00	3.60	2.10
7290	8.80	5.00	3.60	2.10
7300	8.80	5.00	3.70	2.20
7310	8.80	5.00	3.60	2.10
7320	9.00	5.10	3.80	2.20
7330	8.60	5.00	3.60	2.10
7340	8.70	5.00	3.70	2.20
7350	8.80	5.00	3.70	2.20
7360	8.80	5.00	3.70	2.10
7370	8.70	4.90	3.60	2.10
7380	8.70	5.00	3.70	2.20
7390	8.60	4.90	3.60	2.20
7400	8.80	5.30	4.00	2.40
7410	8.70	5.00	3.70	2.20
7420	8.80	5.10	3.80	2.30
7430	8.70	5.10	3.90	2.40
7440	8.70	5.00	3.70	2.30
7450	8.20	5.20	4.00	2.50
7460	8.70	5.00	3.60	2.10
7470	8.60	5.00	3.70	2.20
7480	8.70	5.10	3.80	2.20
7490	8.60	5.00	3.60	2.10
7500	8.50	4.90	3.70	2.10
7510	8.60	4.90	3.60	2.10
7520	8.60	5.00	3.70	2.10
7530	8.50	5.00	3.70	2.10
7540	8.80	5.00	3.70	2.10
7550	8.70	5.10	3.90	2.30
7560	8.60	5.10	3.80	2.30
7570	9.90	6.90	6.00	5.10
7580	9.20	6.00	4.90	3.70
7590	9.20	5.70	4.50	3.00
7602	8.40	5.10	3.90	2.40

1465 COLLAR LOCATOR (MV) 2105

75 TEMPERATURE (DEG F) 95

0.02 AUDIO DETECTION LOG (MV) 200

-2 DIFFERENTIAL TEMPERATURE (DEG F) 2