C:\DATA\STANDARD SESNON 4B.LAS

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	
MM	

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

PERMANENT DATUM: GROUND LEVEL ELEV:
LOG MEASURED FROM KB 22.5' ABOVE PERM DATUM
DRILLING MEASURED FROM

			PRESSURE	FLOWING	INJECTION	SHUT-IN
DATE LOG RAN	09-10-2016	TUBING PSI				0
RUN NUMBER	ONE	CASING PSI				0
EFFECTIVE DEPTH	10314'					
PICKUP DEPTH	8700'	INJECTION RATE	N/A			
BOT LOGGED INT	8700'	OBSERVED RATE	N/A			
TOP LOGGED INT	100'	R/A SOURCE	N/A			
TYPE OF INJECT	NONE	ACTIVITY	N/A			
FLUID IN WELL	W/G	HALF LIFE	N/A			
FLUID LEVEL	N/A					
WELL STATUS	STATIC	PRODUCTION DATA				
MAX TEMPERATURE	177.9 F.	OIL Gr.		OIL =		
AT DEPTH	8700.0'	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	PACKER					

C:\DATA\STANDARD SESNON 4B.LAS

Time/Events		Equipment Data	
8:30 AM ON LOCATION		COLLAR LOCATOR	1.375"
9:30 AM RAN IN HOLE		TEMPERATURE TOOL	1.375"
9:35 AM BEGIN SURVEY		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'	3.500"	9.3	SURFACE	8703'
9.625"	40	SURFACE	8887'				
7.000"	26	8695.3'	9269'				
4.500"	15.5	9194.9'	10314'				

STR.	PIPE DIA.	PERFORATIONS
		PACKERS: 8678.4'-8690.6'.
		SLIDING SLEEVES: 8599.5'-8603.7'.
		NO-GO: 8636.0', 8700.8'.

Audio Data: C:\data\NOISE.txt

DEPTH	200HZ	600HZ	1000HZ	2000HZ
50	19.20	5.40	1.90	0.30
101	19.40	5.30	1.90	0.30
150	19.00	5.30	1.90	0.30
200	18.90	5.20	1.90	0.30
249	18.70	5.30	1.90	0.30
501	18.00	5.20	1.90	0.30
750	18.30	5.30	2.00	0.30
1001	18.30	5.30	2.00	0.30
1300	18.10	5.40	2.20	0.30
1320	18.50	5.40	2.20	0.40
1339	18.20	5.40	2.30	0.40
1360	18.00	5.40	2.20	0.40
1380	18.00	5.50	2.30	0.40
1400	18.10	5.60	2.50	0.50
1420	18.10	5.50	2.40	0.40
1439	18.30	5.70	2.70	0.50
1459	18.40	5.70	2.60	0.50
1480	18.30	5.60	2.60	0.50
1500	18.10	5.70	2.80	0.60
1750	18.30	5.80	2.90	0.60
2000	17.80	5.20	1.90	0.30
2251	17.80	5.10	1.90	0.30
2500	17.60	5.10	1.90	0.30
2749	17.70	5.10	1.90	0.30
3000	17.60	5.10	1.90	0.30
3249	17.40	5.00	1.90	0.30
3500	17.40	5.10	1.90	0.30
3751	17.40	5.10	1.90	0.30
4000	17.30	5.00	1.90	0.30
4250	17.20	5.00	1.90	0.30
4500	17.00	5.00	1.90	0.30
4749	17.10	5.00	1.90	0.30
4899	16.90	5.00	1.90	0.30
4920	17.10	5.00	1.90	0.30
4940	17.10	5.00	1.90	0.30
4960	17.10	5.00	1.90	0.30
4979	17.10	5.00	1.90	0.30
4999	17.10	5.00	1.90	0.30
5020	17.00	4.90	1.80	0.30
5040	17.10	5.00	1.90	0.30
5050	17.00	5.00	1.90	0.30
5075	17.10	5.00	1.90	0.30
5100	17.10	4.90	1.90	0.30
5250	17.00	4.90	1.90	0.30
5500	16.90	4.90	1.90	0.30
5750	16.80	4.90	1.90	0.30
6001	16.80	4.90	1.90	0.30
6199	16.70	4.90	1.90	0.30
6219	16.70	4.90	1.90	0.30
6239	16.80	4.90	1.80	0.30
6260	16.90	4.90	1.90	0.30
6280	16.80	4.90	1.80	0.30
6300	16.60	4.90	1.80	0.30
6320	16.70	4.90	1.90	0.30
6340	16.70	4.90	1.80	0.30
6360	16.60	4.80	1.80	0.30
6380	16.60	4.90	1.90	0.30
6400	16.60	4.90	1.90	0.30
6419	16.60	4.90	1.90	0.30
6439	16.60	4.90	1.90	0.30
6461	16.60	4.90	1.90	0.30
6480	16.50	4.80	1.80	0.30
6500	16.60	4.90	1.90	0.30
6750	16.40	4.80	1.80	0.30
7000	16.30	4.80	1.80	0.30
7250	16.40	4.80	1.80	0.30
7500	16.30	4.80	1.80	0.30
7750	16.30	4.80	1.80	0.30
8000	16.20	4.80	1.80	0.30
8250	16.10	4.80	1.80	0.30
8479	16.30	4.80	1.80	0.30
8490	16.10	4.70	1.80	0.30
8500	16.40	4.80	1.80	0.30
8510	16.30	4.70	1.80	0.30
8521	16.20	4.80	1.80	0.30
8530	16.20	4.80	1.80	0.30
8540	16.30	4.70	1.80	0.30
8551	16.50	4.70	1.80	0.30
8560	16.40	4.70	1.80	0.30
8570	16.50	4.80	1.80	0.30
8579	16.50	4.80	1.80	0.30
8590	16.40	4.70	1.80	0.30
8600	16.20	4.70	1.80	0.30
8608	16.30	4.80	1.80	0.30
8620	16.20	4.70	1.80	0.30
8629	16.10	4.70	1.80	0.30
8640	16.30	4.70	1.80	0.30
8650	16.20	4.70	1.80	0.30
8660	16.30	4.70	1.80	0.30
8671	16.30	4.70	1.80	0.30
8680	16.20	4.70	1.80	0.30
8690	16.30	4.70	1.70	0.30
8700	16.50	4.70	1.70	0.30

1395 COLLAR LOCATOR [MV] 2195
0 LINESPEED [MW] 200

70 TEMPERATURE [DEG F] 90
-2 DIFFERENTIAL TEMPERATURE [DEG F] 2
0.02 AUDIO DETECTION LOG (MV) 200