WELL ANALYSIS CORPORATION

AUDIO DETECTION SURVEY

WELL TYPE: GS, OG

AJ

COMPANY: SOUTHERN CALIF. GAS CO.
WELL: STANDARD SESNON 25B
FIELD: ALISO CANYON
COUNTY: LOS ANGELES
STATE: CALIFORNIA
LOCATION: DISTRICT 2
OTHER SVC:

API NUMBER: 0403721323
SEC: 28 TWN: 3N RNG: 16W

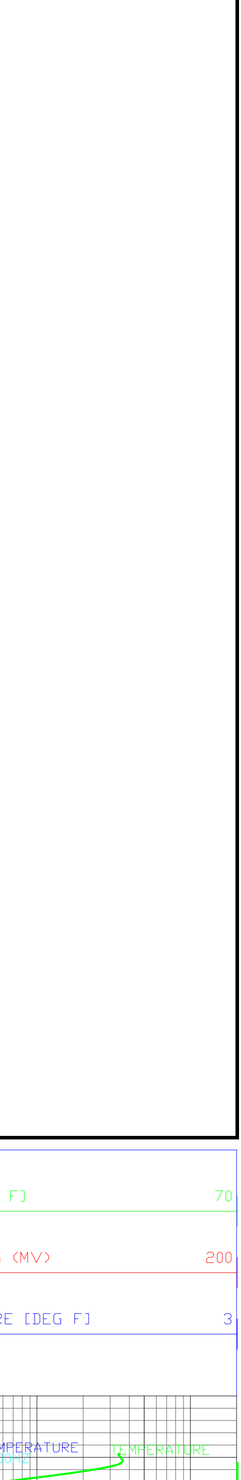
PERMANENT DATUM: GROUND LEVEL ELEV: 2927 FT
LOG MEASURED FROM KB 15' ABOVE PERM DATUM
DRILLING MEASURED FROM

-ELEVATIONS-
KB: 2942 Ft.
DF: Ft.
GL: 2927 Ft.

		PRESSURE	FLOWING	INJECTION	SHUT-IN
DATE LOG RAN	07-24-2016				
RUN NUMBER	ONE	TUBING PSI			0
EFFECTIVE DEPTH	8845'	CASING PSI			0
PICKUP DEPTH	N/A	INJECTION RATE		N/A	
BOT LOGGED INT	8335'	OBSERVED RATE		N/A	
TOP LOGGED INT	50'	R/A SOURCE		N/A	
TYPE OF INJECT	NONE	ACTIVITY		N/A	
FLUID IN WELL	WATER	HALF LIFE		N/A	
FLUID LEVEL	N/A				
WELL STATUS	STATIC		PRODUCTION DATA		
MAX TEMPERATURE	165.1 F	OIL Gr.		OIL =	
AT DEPTH	8262.5'	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	MANDREL				

Equipment Data	
Collar Locator	1.375"
Temperature Tool	1.375"
Audio Detector	1.375"

TOOL DIAGRAM



Remarks/Survey Results

SAND TAG MARKERS: 8270' BOTTOM MP
8448' TOP S1
8534' TOP S4
8625' TOP S8
8712' TOP HZ
8800' TOP FREW

CASING AND TUBING RECORD

SIZE	WT(#)	FROM	TO	SIZE	WT(#)	FROM	TO
13.365"	48	SURFACE	900'				
8.625"	36	SURFACE	7642'				
6.625"	27.65	7523'	9025'				
2.875"	6.5	SURFACE	8412'				

STR.	PIPE DIA.	PERFORATIONS
A.	6.625"	WSO: 8435' WSO: 8515" , 8532'-8540', 8558'-8608', 8624'-8640', 8658'-8682', 8700'-8734'.

PACKERS: 8405'-8410'.
GAS LIFT MANDRELS: 8293'-8298'.
SLIDING SLEEVES: 8339'-8344'.
BRIDGE PLUG: 8845'.
NO-GO: 8372'.

Audio Data: C:\data\NOISE.txt

DEPTH	200HZ	600HZ	1000HZ	2000HZ
50	4.50	2.80	1.40	0.30
100	3.30	2.70	1.40	0.30
120	4.80	3.10	1.60	0.40
140	3.70	2.80	1.40	0.40
160	3.30	2.70	1.40	0.40
180	3.60	2.70	1.40	0.40
200	3.10	2.70	1.40	0.40
220	3.00	2.70	1.40	0.40
240	3.00	2.60	1.40	0.40
260	3.00	2.60	1.30	0.40
280	3.10	2.70	1.40	0.40
300	3.00	2.60	1.40	0.40
320	3.00	2.60	1.40	0.40
340	3.00	2.60	1.30	0.40
360	3.00	2.60	1.40	0.40
380	3.00	2.60	1.40	0.40
400	2.80	2.40	1.30	0.40
420	2.90	2.40	1.20	0.30
440	2.90	2.60	1.40	0.40
460	2.90	2.60	1.40	0.40
480	2.90	2.60	1.40	0.40
500	2.90	2.60	1.40	0.40
520	3.00	2.60	1.40	0.40
540	2.90	2.60	1.40	0.40
560	2.90	2.60	1.40	0.40
580	2.90	2.60	1.30	0.40
600	2.90	2.60	1.40	0.40
620	2.90	2.60	1.40	0.40
800	2.90	2.60	1.40	0.40
820	2.90	2.60	1.40	0.40
840	2.90	2.60	1.40	0.40
860	2.90	2.60	1.40	0.40
880	3.00	2.60	1.40	0.40
900	2.90	2.50	1.40	0.40
920	3.00	2.70	1.40	0.40
940	2.90	2.60	1.40	0.40
960	2.90	2.60	1.40	0.40
980	2.90	2.60	1.40	0.40
1000	2.90	2.60	1.40	0.40
1020	2.80	2.50	1.30	0.40
1040	2.90	2.60	1.40	0.40
1060	2.90	2.60	1.40	0.40
1080	2.90	2.60	1.40	0.40
1100	2.90	2.60	1.40	0.40
1120	2.90	2.60	1.40	0.40
1200	2.90	2.60	1.40	0.40
1400	2.90	2.60	1.40	0.40
1600	2.90	2.60	1.40	0.40
1800	2.90	2.60	1.40	0.40
2000	2.90	2.60	1.40	0.40
2200	2.90	2.60	1.40	0.40
2400	2.90	2.60	1.40	0.40
2600	2.90	2.50	1.40	0.40
2800	2.90	2.50	1.40	0.40
3000	3.00	2.60	1.40	0.40
3200	2.90	2.60	1.40	0.40
3400	2.90	2.60	1.40	0.40
3600	2.80	2.50	1.40	0.40
3800	2.90	2.50	1.40	0.40
4000	2.80	2.50	1.40	0.40
4200	2.80	2.50	1.40	0.40
4400	2.90	2.50	1.40	0.40
4600	2.80	2.60	1.40	0.40
4800	2.80	2.50	1.40	0.40
5000	2.80	2.50	1.40	0.40
5200	2.80	2.50	1.40	0.40
5400	2.80	2.50	1.40	0.40
5600	2.80	2.50	1.40	0.40
5800	2.80	2.50	1.40	0.40
6000	2.70	2.40	1.30	0.40
6200	2.70	2.40	1.30	0.40
6400	2.70	2.40	1.40	0.40
6600	2.70	2.40	1.40	0.40
6800	2.70	2.40	1.40	0.40
7000	2.70	2.40	1.30	0.40
7200	2.70	2.40	1.40	0.40
7400	2.60	2.40	1.30	0.40
7600	2.70	2.40	1.30	0.40
7800	2.70	2.40	1.30	0.40
8000	2.70	2.30	1.30	0.40
8200	2.60	2.30	1.30	0.40
8210	2.60	2.30	1.30	0.40
8220	2.60	2.30	1.30	0.40
8230	2.60	2.30	1.30	0.40
8240	2.60	2.30	1.30	0.40
8250	2.50	2.20	1.20	0.40
8260	2.50	2.20	1.20	0.40
8270	2.50	2.20	1.20	0.40
8280	2.60	2.20	1.20	0.40
8290	2.60	2.30	1.20	0.40
8300	2.70	2.40	1.30	0.40
8310	2.70	2.40	1.30	0.40
8320	2.60	2.40	1.30	0.40
8325	2.70	2.40	1.30	0.40

1495 COLLAR LOCATOR 2185
0 LINESPEED 300
50 TEMPERATURE (DEG F) 70
0.02 AUDIO DETECTION LOG (MV) 200
-3 DIFFERENTIAL TEMPERATURE (DEG F) 3