SCHLUMBERGER WELL SURVEYING CORPORATION
HOUSTON, TEXAS

Directional Log

COUNTY LEA
FIELD or LOCATION FOWLER
WELL LILLIE #3
COMPANY GULF OIL CORP.

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WELL LILLIE #3
FIELD FOWLER
LOCATION SEC. 32-24-37
COUNTY LEA
STATE NEW MEX CO

Location of Well
2310' FNL
330' FWL

Elevation Of: K.B. 3235
or G.L. 3224

FILING No.

RUN No. 1
First Reading 7300
Last Reading 9700
Casing Schlum. 7280
Casing Driller 7280
Depth Reached 9700
Bottom Driller 9700
Bottom Logger 9700
Mud Type SEL-LEACHSTIC
" Viscosity 34
" Weight 9.5
Max. Temp. F 134
Bit Size 6 1/4

Date 7-29-61
Operator WALLACE
Recorded By GARBERSON
Witnessed By STEWART

Depth Intervals between shots

FOLD HERE

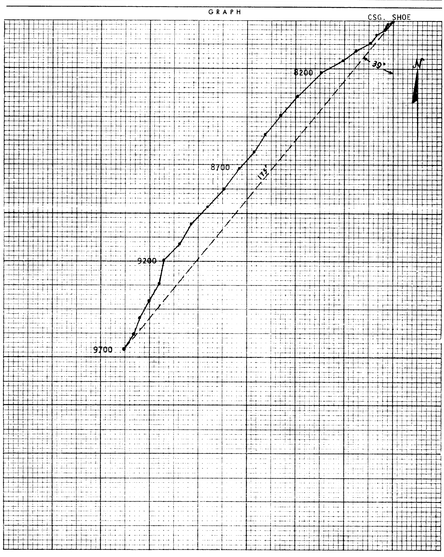
REMARKS

Depth	Drift Angle	DEFLECTION True Bearing	Horizontal Footage	Vertical Footage	LATITUDE N	LATITUDE S	DEPARTURE E	DEPARTURE W	COORDINATES N	COORDINATES S	COORDINATES E	COORDINATES W
7300	.5	S61W	.87	100		.42		.76		.42		.76
7400	1.0	S51W	1.75	99.98		1.10		1.35		1.52		2.11
7500	.75	S41W	1.31	99.99		.99		.86		2.51		2.97
7600	.25	S21W	.44	100		.41		.16		2.92		3.13
7700	.75	S11W	1.31	99.99		1.29		.25		4.21		3.38
7800	2.0	S61W	3.49	99.94		1.69		3.05		5.90		6.43
7900	2.75	S41W	4.8	99.88		3.62		3.15		9.52		9.58
8000	3.5	S61W	6.1	99.81		2.96		5.34		12.48		14.92
8100	5.0	S61W	8.72	99.62		4.23		7.62		16.71		22.54
8200	5.75	S46W	10.02	99.5		6.96		7.21		23.67		29.75
8300	6.75	S51W	11.75	99.31		7.4		9.13		31.07		38.88
8400	6.25	S41W	10.89	99.41		8.24		7.14		39.31		46.02
8500	5.75	S41W	10.02	99.5		7.56		6.57		46.87		52.59
8600	5.00	S31W	8.72	99.62		7.47		4.49		54.34		57.08
8700	5.25	S41W	9.15	99.58		6.9		6.00		61.24		63.08
8800	6.25	S36W	10.89	99.41		8.81		6.4		70.05		69.48
8900	5.75	S41W	10.02	99.5		7.56		6.57		77.61		76.05
9000	5.50	S46W	9.59	99.54		6.66		6.9		84.27		82.95
9100	5.50	S31W	9.59	99.54		8.22		4.94		92.49		87.89
9200	5.50	S41W	9.59	99.54		7.23		6.29		99.72		94.18
9300	5.50	S11W	9.59	99.54		9.41		1.83		109.13		96.01
9400	4.75	S31W	8.28	99.66		7.1		4.26		116.23		100.27
9500	4.75	S26W	8.28	99.66		7.44		3.63		123.67		103.90
9600	4.25	S31W	7.41	99.72		6.35		3.82		130.02		106.72
9700	4.25	S31W	7.41	99.72		6.35		3.82		136.37		110.54

GRAPH OF DIRECTIONAL LOG

Scale=1"=20'

ALL DIRECTIONS ARE FROM TRUE NORTH

	DEPTH	
Position of bottom of hole at	9700	S 136.37' S & 110.54' W OR 175' S 39° W
Position of bottom of hole at		
Position of bottom of hole at		
Position of bottom of hole at		

GRAPH