



DIRECTIONAL REPORT

WELLNAME: JC FEDERAL #54

M-22-17s-32e, 700/s & 445/w

FIELD: MALJAMAR

WELL ID NO.: 30-025-39930

AFE NO.:

API NO.: 30-025-39930

SURVEY TYPE: TSS-0

MD:

ANGLE:

AZIMUTH:

TVD:

N/S:

E/W:

VS:

TARGET:

MEASURED DEPTH	INCLINATION ANGLE	AZIMUTH ANGLE	TVD	+NORTH -SOUTH	+EAST -WEST	VERTICAL SECTION	DOGLEG SEVERITY
53	1.00		53	0.46	0.00	0.46	1.89
143	0.75		143	1.84	0.00	1.84	0.28
236	1.00		236	3.26	0.00	3.26	0.27
324	0.25		324	4.22	0.00	4.22	0.85
409	0.50		409	4.77	0.00	4.77	0.29
467	0.50		467	5.28	0.00	5.28	0.00
640	0.25		640	6.41	0.00	6.41	0.15
847	0.75		847	8.22	0.00	8.22	0.24
1,284	0.75		1,284	13.94	0.00	13.94	0.00
1,784	1.00		1,784	21.57	0.00	21.57	0.05
2,064	2.00		2,064	28.90	0.00	28.90	0.36
2,302	2.00		2,302	37.21	0.00	37.21	0.00
2,482	1.00		2,482	41.92	0.00	41.92	0.56
2,980	0.75		2,979	49.53	0.00	49.53	0.05
3,449	1.50		3,448	58.73	0.00	58.73	0.16
3,920	0.75		3,919	67.98	0.00	67.98	0.16
4,418	1.00		4,417	75.59	0.00	75.59	0.05
4,918	1.00		4,917	84.31	0.00	84.31	0.00
5,417	0.75		5,416	91.93	0.00	91.93	0.05
5,915	1.00		5,914	99.54	0.00	99.54	0.05
6,351	1.00		6,350	107.15	0.00	107.15	0.00
6,787	1.00		6,786	114.76	0.00	114.76	0.00
7,067	1.00		7,066	119.64	0.00	119.64	0.00