

Results of Directional Survey

API number:	30-025-39946		
OGRID:		Operator:	MARSHALL & WINSTON INC
		Property:	LAGUNA DEEP UNIT 35 FEDERAL # 1H

surface	ULSTR:	I	35	T	19S	R	33E
				2310	FSL	330	FEL

BH Loc	ULSTR:	L	35	T	19S	R	33E
13924	MD	9341.1	TVD	2146	FSL	4945	FEL

Top Perf/OH	ULSTR:	I	35	T	19S	R	33E
11515	MD	9377.3	TVD	2262	FSL	2541	FEL

Bot Perf/OH	ULSTR:	L	35	T	19S	R	33E
13430	MD	9328.5	TVD	2153	FSL	4451	FEL

	MD	N/S	E/W	VD
	11498	-47.10	-2194.00	9378.59
TOP PERFS/OH	11515	-48.48	-2210.93	9377.27
	11530	-49.69	-2225.86	9376.11
	13401	-156.61	-4092.18	9328.16
BOT PERFS/OH	13430	-157.14	-4121.18	9328.53
	13432	-157.18	-4123.18	9328.56

NEXT TO LAST	13843	-163.55	-4534.01	9337.78
LAST READING	13874	-163.85	-4564.98	9339.05
TD	13924	-164.33	-4614.93	9341.10

Surface Location	2310	FS	330	FE
Projected BHL	2146	FS	4945	FE
Location of				
Top Perfs/OH	2262	FS	2541	FE
Bottom Perfs/OH	2153	FS	4451	FE

SUMMARY of Subsurface Locations

Surface Location	I-35-19S-33E	2310	FS	330	FE	Vert. Depth
Top Perfs/OH	I-35-19S-33E	2262	FS	2541	FE	9377.27
Bottom Perfs/OH	L-35-19S-33E	2153	FS	4451	FE	9328.53
Projected TD	L-35-19S-33E	2146	FS	4945	FE	9341.10

JUL 07 2011