

Results of Directional Survey

API number:	30-025-40513		
OGRID:		Operator:	YATES PETROLEUM CORPORATION
		Property:	ADDER BSE STATE # 1H

surface	ULSTR:	B	31	T	24S	R	33E
				175	FNL	2200	FEL

BH Loc	ULSTR:	O	31	T	24S	R	33E
14300	MD	9886.9	TVD	358	FSL	2177	FEL
				4922	FNL		

Top Perf/OH	ULSTR:	B	31	T	24S	R	33E
10256	MD	9897.5	TVD	883	FNL	2136	FEL

Bot Perf/OH	ULSTR:	O	31	T	24S	R	33E
14087	MD	9897.9	TVD	570	FSL	2187	FEL
				4710	FNL		

	MD	N/S	E/W	VD
	10222	-674.28	62.52	9897.32
TOP PERFS/OH	10256	-708.25	63.86	9897.50
	10286	-738.22	65.04	9897.66
	14021	-4469.04	9.95	9899.27
BOT PERFS/OH	14087	-4534.94	13.40	9897.89
	14116	-4563.89	14.92	9897.28

NEXT TO LAST	14251	-4698.59	20.84	9890.91
LAST READING	14300	-4747.39	22.71	9886.89
TD	14300	-4747.39	22.71	9886.89

Surface Location	175	FN	2200	FE
Projected BHL	4922	FN	2177	FE
Location of				
Top Perfs/OH	883	FN	2136	FE
Bottom Perfs/OH	4710	FN	2187	FE

SUMMARY of Subsurface Locations

Surface Location	B-31-24S-33E	175	FN	2200	FE	Vert. Depth
Top Perfs/OH	B-31-24S-33E	883	FN	2136	FE	9897.50
Bottom Perfs/OH	O-31-24S-33E	4710	FN	2187	FE	9897.89
Projected TD	O-31-24S-33E	4922	FN	2177	FE	9886.89

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