

Results of Directional Survey

API number:	30-025-35535		
OGRID:		Operator:	HARVEY E YATES CO
		Property:	BOLA 7 FEDERAL # 3

surface	ULSTR:	H	07	T 18S	R 32E
		1650	FN	330	FEL

BH Loc	ULSTR:	B	07	T 18S	R 32E
		863	FN	2523	FEL

	MD	N/S	E/W	VD
	9127	89.93	-529.53	8803.51
TOP PERFS/OH	9140	94.56	-541.56	8805.18
	9159	101.33	-559.15	8807.61
	10890	768.95	-2135.73	8762.45
BOT PERFS/OH	10902	772.64	-2147.14	8762.03
	10950	787.38	-2192.79	8760.35

NEXT TO LAST	10833	751.44	-2081.52	8764.44
LAST READING	10890	768.95	-2135.73	8762.45
TD	10950	787.38	-2192.79	8760.35

Surface Location	1650	FN	330	FE
Projected BHL	863	FN	2523	FE
Location of				
Top Perfs/OH	1555	FN	872	FE
Bottom Perfs/OH	877	FN	2477	FE

SUMMARY of Subsurface Locations

Surface Location	H-07-18S-32E	1650	FN	330	FE	Vert. Depth
Top Perfs/OH	H-07-18S-32E	1555	FN	872	FE	8805.18
Bottom Perfs/OH	B-07-18S-32E	877	FN	2477	FE	8762.03
Projected TD	B-07-18S-32E	863	FN	2523	FE	8760.35