

STATE OF LOUISIANA
OFFICE OF CONSERVATION

REPORT OF PROOF OF APPARENT DEVIATION

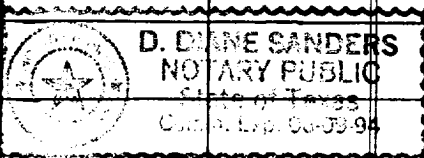
SERIAL NO. _____

OPERATOR UTP DISTRICT LouisianaFIELD Basin Inland PARISH _____WELL NAME & NO. Johnston #28 SEC. 33 T 31 R 9

Degrees Deviation	Deviation Factor	DEGREES DEVIATION	DEPTH FROM SURFACE	LENGTH OF INTERVAL	DEVIATION FACTOR	DEVIATION OF INTERVAL	CUMULATIVE APPARENT DEVIATION	REMARKS
1/4	.00436	1	96	96	.01745	1.68	1.68	
1/4	.00873	1 1/2	281	185	.00873	1.62	3.30	
1/4	.01309	1	376	95	.01745	1.66	4.96	
1	.01745	1 1/4	661	285	.02182	6.22	11.18	
1 1/4	.02182	1 1/4	818	157	.02182	3.43	14.61	
1 1/4	.02618	3/4	944	126	.01309	1.65	16.26	
1 1/4	.03054	1	1194	250	.01745	4.36	20.62	
2	.03490	1 1/4	1443	249	.02182	5.43	26.05	
2 1/4	.03926	1	1912	469	.01745	8.18	34.23	
2 1/4	.04362	3/4	2412	500	.01309	6.54	40.77	
2 1/4	.04798	1 1/2	2914	502	.02618	13.14	53.91	
3	.05234							
3 1/4	.05669							
3 1/4	.06105							
3 1/4	.06540							
4	.06976							
4 1/4	.07411							
4 1/4	.07846							
4 1/4	.08281							
5	.08716							
5 1/4	.09150							
5 1/4	.09585							
5 1/4	.10019							
6	.10453							
6 1/4	.10887							
6 1/4	.11320							
6 1/4	.11754							
7	.12187							
7 1/4	.12620							
7 1/4	.13053							
7 1/4	.13485							
8	.13917							
8 1/4	.14349							
8 1/4	.14781							
8 1/4	.15212							
9	.15643							
9 1/4	.16074							
9 1/4	.16505							
9 1/4	.16935							
10	.17365							

RECEIVED

JAN 4 1991

OIL CON. DIV
DIST. 3NOTARY STATE OF TEXAS
County of Harris*[Signature]*Certified as Being True & Correct by [Signature] Title Reg Permit Coord Date 1-11-91