

STATE OF LOUISIANA
OFFICE OF CONSERVATION

RECEIVED

REPORT OF PROOF OF APPARENT DEVIATION

OCT 02 1989

OIL CON. DIV

SE DIST. 30

OPERATOR Union Texas Petroleum DISTRICT Farmington N. Mex.
 FIELD Pump Canyon - Fruitland PARISH San Juan
 WELL NAME & NO. Johnston Fed #23 SEC. 35 T 31N R 9W

Degrees Deviation	Deviation Factor	DEGREES DEVIATION	DEPTH FROM SURFACE	LENGTH OF INTERVAL	DEVIATION FACTOR	DEVIATION OF INTERVAL	CUMULATIVE APPARENT DEVIATION	REMARKS
		$\frac{1}{4}^{\circ}$	180'	180'	.00436	.78	.78	
$\frac{1}{4}$	.00436							
$\frac{1}{2}$	.00873	$\frac{3}{4}^{\circ}$	354'	174'	.01309	2.28	3.06	
$\frac{1}{2}$	.01309							
1	.01745	$\frac{3}{4}^{\circ}$	868'	514'	.01309	6.73	9.79	
1%	.02182							
1%	.02618	$\frac{3}{4}^{\circ}$	1360'	492'	.01309	6.44	16.23	
1%	.03054							
2	.03490	$\frac{1}{2}^{\circ}$	1866'	506'	.00873	4.42	20.65	
2%	.03926							
2%	.04362	$\frac{3}{4}^{\circ}$	2358'	492'	.01309	6.44	27.09	
2%	.04798							
3	.05234	1°	2923'	565'	.01745	9.86	36.95	
3%	.05669							
3%	.06105							
3%	.06540							
4	.06976							
4%	.07411							
4%	.07846							
4%	.08281							
5	.08716							
5%	.09150							
5%	.09585							
5%	.10019							
6	.10453							
6%	.10887							
6%	.11320							
6%	.11754							
7	.12187							
7%	.12620							
7%	.13053							
7%	.13485							
8	.13917							
8%	.14349							
8%	.14781							
8%	.15212							
9	.15643							
9%	.16074							
9%	.16505							
9%	.16935							
10	.17365							

SUBSCRIBED AND SWORN TO ME ON THIS THE 25TH

DAY OF SEPTEMBER TO BE A TRUE COPY OF THE

ORIGINAL DOCUMENT SUBMITTED TO THE STATE OF
NEW MEXICO, IN THE YEAR 1989.

Karyn L. Harvey
 KARYN L. HARVEY
 Commission Expires: 2/12/90

Certified as Being True & Correct by

*Noel H. Bull*Title Drilling ForemanDate 5-28-89

THREE (3) SIGNED COPIES
 OF THIS REPORT SHOULD BE SUBMITTED WITH FORM WH ON ALL WELLS, EXCEPT AS NOTED ON THE
 REVERSE SIDE.

SEE INSTRUCTIONS ON REVERSE SIDE