

STATE OF LOUISIANA
OFFICE OF CONSERVATION

REPORT OF PROOF OF APPARENT DEVIATION

Page #1

SERIAL NO. _____

OPERATOR Union Texas Petroleum DISTRICT Farmington N. Me.FIELD Jic "H" Dakota Mesquite Verde PARISH Rio ArribaWELL NAME & NO. Jicarilla "H" 8E SEC. 19 T 26N R 4W

Degrees Deviation	Deviation Factor	DEGREES DEVIATION	DEPTH FROM SURFACE	LENGTH OF INTERVAL	DEVIATION FACTOR	DEVIATION OF INTERVAL	CUMULATIVE APPARENT DEVIATION	REMARKS
		$\frac{1}{4}^{\circ}$	120'	120'	.00436	.52	.52	
$\frac{1}{4}$	.00436							
$\frac{1}{4}$	.00873	$\frac{1}{4}^{\circ}$	250'	130'	.00436	.57	1.09	
$\frac{1}{4}$	.01309							
1	.01745	$\frac{3}{4}^{\circ}$	368	118'	.01309	1.54	2.63	
1%	.02182							
1%	.02618	$\frac{1}{4}^{\circ}$	400	32'	.02182	.70	3.33	
1%	.03054							
2	.03490	$\frac{1}{2}^{\circ}$	550	150'	.02618	3.93	7.26	
2%	.03926							
2%	.04362	$\frac{3}{4}^{\circ}$	777	227	.01309	2.97	10.23	
2%	.04798							
3	.05234	$\frac{3}{4}^{\circ}$	1275'	498'	.01309	6.52	16.75	
3%	.05669							
3%	.06105	$\frac{3}{4}^{\circ}$	1490'	215'	.01309	2.81	19.56	
3%	.06540							
4	.06976	$\frac{3}{4}^{\circ}$	1720'	230'	.01309	3.01	22.57	
4%	.07411							
4%	.07846	$\frac{1}{2}^{\circ}$	2187'	467'	.00873	4.08	26.65	
4%	.08281							
5	.08716	$\frac{1}{4}^{\circ}$	2677'	490'	.00436	2.14	28.79	
5%	.09150							
5%	.09585	$\frac{1}{4}^{\circ}$	3182'	505'	.00436	2.20	30.99	
5%	.10019							
6	.10453	$\frac{1}{2}^{\circ}$	3540'	358'	.00873	3.12	34.11	
6%	.10887							
6%	.11320	$\frac{3}{4}^{\circ}$	3990'	450'	.01309	5.89	40.00	
6%	.11754							
7	.12187	1°	4475'	485'	.01745	8.46	48.46	
7%	.12620							
7%	.13053	$\frac{3}{4}^{\circ}$	4830'	355'	.01309	4.65	53.11	
7%	.13485							
8	.13917	misfire	4885'				53.11	
8%	.14349							
8%	.14781							
8%	.15212							
9	.15643							
9%	.16074							
9%	.16505							
9%	.16935							
10	.17365							

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OIL CON. DIV.
DIST. 3

Certified as Being True & Correct by Ned H. Bullen Title Drilling Engineer Date 7-19-87Betty G. StuartTHREE (3) SIGNED COPIES
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Degrees Deviation	Deviation Factor	DEGREES DEVIATION	DEPTH FROM SURFACE	LENGTH OF INTERVAL	DEVIATION FACTOR	DEVIATION OF INTERVAL	CUMULATIVE APPARENT DEVIATION	REMARKS
		1/2°	4914'	84'	.00873	.73	53.84	
1/4	.00436							
1/4	.00873	3/4°	5140'	226'	.01309	2.96	56.80	
1/4	.01309							
1	.01745	1 3/4°	5390'	250'	.03054	7.64	64.44	
1 1/4	.02182							
1 1/4	.02618	2°	5483'	93'	.03490	3.25	67.69	
1 1/4	.03054							
2	.03490	2°	5578'	95'	.03490	3.32	71.01	
2 1/4	.03926							
2 1/4	.04362	1 1/4°	5680'	102'	.02182	2.62	73.63	
2 1/4	.04798							
3	.05234	1°	5926'	246'	.01745	4.29	77.92	
3 1/4	.05669							
3 1/4	.06105	3/4°	6280'	354'	.01309	4.63	82.55	
3 1/4	.06540							
4	.06976	1 1/4°	6622'	342'	.02182	7.46	90.01	
4 1/4	.07411							
4 1/4	.07846	2 1/4°	6717'	95'	.03926	3.73	93.74	
4 1/4	.08281							
5	.08716	2°	6813'	96'	.03490	3.35	97.09	
5 1/4	.09150							
5 1/4	.09585	2°	6908'	95'	.03490	3.32	100.41	
5 1/4	.10019							
6	.10453	2°	7003'	95'	.03490	3.32	103.73	
6 1/4	.10887							
6 1/4	.11320	2°	7256'	253'	.03490	8.83	112.56	
6 1/4	.11754							
7	.12187	2 3/4°	7446'	190'	.04798	9.12	121.68	
7 1/4	.12620							
7 1/4	.13053	3/4°	7727'	281'	.05669	15.93	137.61	
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							

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DIST. 3Certified as Being True & Correct by Neil H. Bull Title Drilling Foreman Date 7-28-87Betty Jo Stuart

Commission Expires: 9-20-92

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