

STATE OF LOUISIANA
OFFICE OF CONSERVATION

REPORT OF PROOF OF APPARENT DEVIATION

Page #1

SERIAL NO

OPERATOR Union Texas Petroleum DISTRICT Farmington

FIELD Cox Canyon - Dakota PARISH San Juan

WELL NAME & NO. Payne # 3E SEC. 20 T 32N R 10W
AFE# 4-5165

Degrees Deviation	Deviation Factor	DEGREES DEVIATION	DEPTH FROM SURFACE	LENGTH OF INTERVAL	DEVIATION FACTOR	DEVIATION OF INTERVAL	CUMULATIVE APPARENT DEVIATION
		1/2°	158'	158'	.00873	1.38	1.38
1/4	.00436						
1/4	.00873	1/2°	340'	182'	.00873	1.59	2.97
1/4	.01309						
1	.01745						
1 1/4	.02182	1 1/2°	670'	330'	.02618	8.64	11.61
1 1/4	.02618						
1 1/4	.03054	1 1/2°	872'	202'	.02618	5.29	16.90
2	.03490						
2 1/4	.03926	1 3/4°	1176'	304'	.03054	9.28	26.18
2 1/4	.04362						
2 1/4	.04798						
3	.05234	2°	1267'	91'	.03490	3.18	29.36
3 1/4	.05669						
3 1/4	.06105	2 1/4°	1358'	91'	.03926	3.57	32.93
3 1/4	.06540						
4	.06976						
4 1/4	.07411	2 1/4°	1389'	31'	.03926	1.22	34.15
4 1/4	.07846						
4 1/4	.08281	2 1/4°	1482'	93'	.03926	3.65	37.80
5	.08716						
5 1/4	.09150	1 1/2°	1575'	93'	.02618	2.43	40.23
5 1/4	.09585						
5 1/4	.10019						
6	.10453	1 1/4°	1700'	125'	.02182	2.73	42.96
6 1/4	.10887						
6 1/4	.11320	1 1/2°	1790'	90'	.02618	2.36	45.32
6 1/4	.11754						
7	.12187						
7 1/4	.12620	1 1/4°	1910'	120'	.02182	2.62	47.94
7 1/4	.13053						
7 1/4	.13485	1 1/4°	2014'	104'	.02182	2.27	50.21
8	.13917						
8 1/4	.14349	1°	2106'	92'	.01745	1.61	51.82
8 1/4	.14781						
8 1/4	.15212						
9	.15643	1/2°	2197'	91'	.00873	.79	52.61
9 1/4	.16074						
9 1/4	.16505	1/4°	2323'	126'	.00436	.55	53.16
9 1/4	.16935						
10	.17365						

RECEIVED

JUN 11 1990

OIL CON. DIV.
DIST. 3

Certified as Being True & Correct by

Nail H. B. Miller

Drilling Foreman

Date 12-24-89

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STATE OF LOUISIANA
OFFICE OF CONSERVATION

FORM A 1

REPORT OF PROOF OF APPARENT DEVIATION

Page #2

SERIAL NO. _____

OPERATOR Union Texas Petroleum DISTRICT Farmington

FIELD Cox Canyon - Dakota PARISH San Juan

WELL NAME & NO. Payne #3E SEC. 20 T 32N R 10W
AFE# 4-5165

Degrees Deviation	Deviation Factor	DEGREES DEVIATION	DEPTH FROM SURFACE	LENGTH OF INTERVAL	DEVIATION FACTOR	DEVIATION OF INTERVAL	CUMULATIVE APPARENT DEVIATION	REMARKS
		3/4°	2413'	90'	.01309	1.18	54.34	
1/4	.00436							
1/2	.00873	1/2°	2757'	344'	.00873	3.00	57.34	
3/4	.01309							
1	.01745	1°	3287'	530'	.01745	9.25	66.59	
1 1/4	.02182							
1 1/2	.02618	1 1/4°	3600'	313'	.00436	1.36	67.95	
1 3/4	.03054							
2	.03490	1°	3871'	271'	.01745	4.73	72.68	
2 1/4	.03926							
2 1/2	.04362	2 1/4°	4351'	480'	.03926	18.84	91.52	
2 3/4	.04798							
3	.05234	2°	4435'	84'	.03490	2.93	94.45	
3 1/4	.05669							
3 1/2	.06105	2°	4591'	156'	.03490	5.44	99.89	
3 3/4	.06540							
4	.06976	2 3/4°	4686'	95'	.04798	4.56	104.45	
4 1/4	.07411							
4 1/2	.07846	2 3/4	4790'	104'	.04798	4.99	109.44	
4 3/4	.08281							
5	.08716	2 1/4°	5074'	284'	.03926	11.15	120.59	
5 1/4	.09150							
5 1/2	.09585	2 1/2°	5579'	505'	.04362	22.03	142.62	
5 3/4	.10019							
6	.10453	3°	5926'	347'	.05234	18.16	160.78	
6 1/4	.10887							
6 1/2	.11320	5 1/4°	6016'	90'	.09150	8.24	169.02	
6 3/4	.11754							
7	.12187	5 1/2°	6046'	30'	.09585	2.88	171.90	
7 1/4	.12620							
7 1/2	.13053	4°	6198'	152'	.06976	10.60	182.50	
7 3/4	.13485							
8	.13917	Gyro	4431'				40' East	Plugged Back. To 44'
8 1/4	.14349							
8 1/2	.14781							
8 3/4	.15212							
9	.15643							
9 1/4	.16074							
9 1/2	.16505							
9 3/4	.16935							
10	.17365							

Certified as Being True & Correct by Neil H. Balla Title _____ Date _____

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STATE OF LOUISIANA
OFFICE OF CONSERVATION

FORM A-1

REPORT OF PROOF OF APPARENT DEVIATION

Page #3

SERIAL NO. _____

OPERATOR Union Texas Petroleum DISTRICT Farmington N Mex

FIELD Cox Canyon - Dakota PARISH San Juan

WELL NAME & NO. Payne #3E SEC. 20 T. 32N R. 10W
AFE# 4-5165

Degrees Deviation	Deviation Factor	DEGREES DEVIATION	DEPTH FROM SURFACE	LENGTH OF INTERVAL	DEVIATION FACTOR	DEVIATION OF INTERVAL	CUMULATIVE APPARENT DEVIATION	REMARKS
		2 1/2°	5260'				32' North 38' East	Ran w/ Wilson Single Shot
1/4	.00436							
1/4	.00873	2 3/4°	5390'	130'	.04798	6.24	44.24	totco
1/4	.01309							
1	.01745							
1 1/4	.02182	2 1/2°	5557'	167'	.04362	7.28	51.52	"
1 1/4	.02618							
1 1/4	.03054	1 3/4°	5681'	124'	.03054	3.79	55.31	"
2	.03490							
2 1/4	.03926	1 3/4°	5883'	202'	.03054	6.17	61.48	"
2 1/4	.04362							
2 1/4	.04798	1 1/2°	6165'	282'	.00873	2.46	63.94	"
3	.05234							
3 1/4	.05669	1/4°	6669'	509'	.00436	2.20	66.14	"
3 1/4	.06105							
3 1/4	.06540	1/4°	7169'	500'	.00436	2.18	68.32	"
4	.06976							
4 1/4	.07411	3/4°	7480'	311'	.01309	4.07	72.39	"
4 1/4	.07846							
4 1/4	.08281	1 1/2°	7900'	420'	.02618	11.00	83.39	
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							

[Signature]
M7 Commission expires 6-9-95

Certified as Being True & Correct by James H. Bull Title Drilling Foreman Date 2-10-90

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