

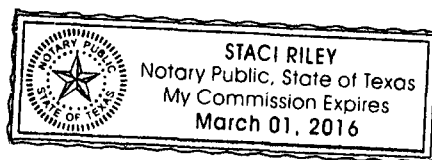
Operator: COG Operating
Well/Lease: Oriole State 1H
County: Lea

30-025-41612

STATE OF NEW MEXICO
DEVIATION REPORT

<u>Footage</u>	<u>Degree</u>
300	1.10
590	0.40
903	0.70
1203	0.90
1368	0.00
1668	0.60
1785	0.70
1851	0.50
2103	0.30
2355	0.40
2609	0.80
3115	2.20
3695	1.30
3949	0.90
4550	0.40
4898	0.50
5245	0.60
5530	0.50
5816	1.30
6099	1.10
6386	0.70
6671	1.50
6956	2.50
7051	1.50
7146	2.40
7242	1.80
7468	1.70
7722	2.90
7790	3.30
8043	2.80
8297	2.40
8547	1.30
8800	1.50
9056	1.40
9310	0.90
9562	2.00
9646	3.50

Signed By: Charles Walsh
Charles Walsh, Division Manager
Pioneer Drilling Company



Appeared before me on July 1, 2014
Staci Riley
Notary Public

AUG 25 2014