



PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

3001542432

NM OIL CONSERVATION
ARTESIA DISTRICT

APR 06 2015

RECEIVED

January 19, 2015

COG, LLC
One Concho Center
600 W. Illinois Ave.
Midland, TX 79701

RE: Diamondback 22 State Com 5H
170' FNL & 990' FEL
Sec. 22, T26S, R28E
Eddy County, New Mexico

Dear Sir,

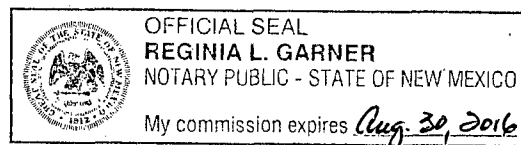
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Chris Graham
Drilling Superintendent

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 19th day of January, 2015.

Notary Public

Diamondback 22 State Com 5H

Date	Depth	Deviation	Direction	TVD
12/29/2014	413	1.00		
12/31/2014	571	0.90		
12/31/2014	692	1.80	266.40	
12/31/2014	784	2.50	262.50	
12/31/2014	876	2.60	245.10	
12/31/2014	968	3.30	249.70	
12/31/2014	1060	1.40	229.40	
1/1/2015	1151	2.10	98.40	
1/1/2015	1242	0.80	139.90	
1/1/2015	1334	1.30	164.80	
1/1/2015	1520	2.50	141.40	
1/1/2015	1612	1.70	140.50	
1/1/2015	1703	0.90	146.50	
1/1/2015	1795	0.80	143.50	
1/1/2015	1886	1.00	103.60	
1/1/2015	1978	1.30	79.00	
1/1/2015	2070	2.20	71.00	
1/2/2015	2161	1.30	53.80	
1/2/2015	2253	1.10	70.70	
1/5/2015	2848	1.00		
1/6/2015	3297	1.40		
1/6/2015	3527	1.10		
1/6/2015	3719	1.00		
1/6/2015	3975	1.80		
1/6/2015	4231	1.50		
1/6/2015	4519	2.10		
1/6/2015	4711	2.20		
1/6/2015	4977	2.40		
1/7/2015	5028	2.50		
1/7/2015	5125	2.20		
1/7/2015	5285	1.80		
1/7/2015	5382	1.40		
1/7/2015	5671	1.60		
1/7/2015	5895	1.60		
1/8/2015	6310	1.20		
1/8/2015	6755	2.30		
1/8/2015	7011	1.80		
1/9/2015	7440	1.70		
1/10/2015	7559	8.30	177.30	7555.00
1/10/2015	7623	15.70	172.30	7617.00
1/10/2015	7686	22.90	171.80	7677.00
1/10/2015	7717	26.50	171.80	7705.00
1/10/2015	7749	30.00	171.80	

Date	Depth	Deviation	Direction	TVD
1/10/2015	7813	36.60	170.40	
1/10/2015	7845	40.20	170.10	
1/10/2015	7877	43.60	170.40	
1/11/2015	7941	49.20	174.30	7879.00
1/11/2015	8131	64.60	177.10	7984.00
1/11/2015	8195	68.90	178.50	8009.00
1/11/2015	8355	74.10	176.90	8061.00
1/11/2015	8387	77.30	177.00	
1/11/2015	8419	79.80	177.60	
1/12/2015	8481	82.90	177.30	8085.00
1/12/2015	8609	89.10	178.00	8093.00
1/12/2015	8769	88.40	177.60	8097.00
1/12/2015	8865	89.40	176.50	
1/12/2015	8960	89.30	176.40	
1/12/2015	9148	90.90	177.80	
1/12/2015	9241	91.00	178.20	
1/12/2015	9336	91.30	177.90	
1/13/2015	9430	90.20	177.90	
1/13/2015	9618	88.90	176.60	8098.00
1/13/2015	9899	90.00	176.50	8100.00
1/13/2015	10085	91.10	177.40	8097.00
1/13/2015	10179	90.40	178.10	
1/13/2015	10273	89.40	178.40	
1/13/2015	10367	91.70	179.80	
1/14/2015	10556	87.10	176.50	
1/14/2015	10650	87.00	176.30	
1/14/2015	10930	89.50	174.70	8110.00
1/14/2015	11211	90.20	173.00	8110.00
1/14/2015	11491	90.50	172.40	8108.00
1/14/2015	11679	90.60	172.30	8105.00
1/14/2015	11772	91.00	172.30	8104.00
1/15/2015	12053	90.40	172.60	
1/15/2015	12147	89.40	172.30	
1/15/2015	12241	89.80	171.90	8102.00
1/15/2015	12430	90.30	171.50	8101.00