

Horizontal Well Plans

Sections 5 and 8 of T26S R34E, Lea Co., NM

Wells Operated or Permitted By COG Operating LLC

Well	Permit Date	Sort Approval Date	SHL	BHL	Permit or Plan								Actual					Notes
					Permit MD TD (ft)	Dist per Permit (ft)	VS per Plan (ft)	Plan Azimuth (deg)	TVD EOC per Plan (ft)	TVD EOL per Plan (ft)	Lateral Inc (deg)	Curve Build ('/ft)	VS Actual (ft)	Actual Azimuth (deg)	TVD EOC Actual (ft)	TVD EOL Actual (ft)	Avg Lateral Inc (deg)	
Gunner 8 Fed #8H	4/13/2011	10/5/2011	990 FS 330 FW Sec 8 26S 34E	1980 FN 375 FW Sec 5 26S 34E	17,112	7,590	7,592	360	9,724	9724	90.0	12	7,581	360	9,885	9,706	91.4	Spud 10/30/2011
Gunner 8 Fed #5H	1/4/2013	5/13/2013	190 FS 1520 FE Sec 8 26S 34E	1650 FN 1520 FE Sec 5 26S 34E	18,329	8,720	8,724	360	9,810	9755	90.4	12	Set 5 1/2" at TD of 18,372'. KOP was at 9,300'.					Spud 6/10/2013
Gunner 8 Fed #7H	1/7/2013	5/13/2013	190 FS 1350 FW Sec 8 26S 34E	1650 FN 1490 FW Sec 5 26S 34E	18,328	8,720	8,723	360	9,810	9755	90.4	12	Yet to Spud					
Gunner 8 Fed #6H	1/7/2013	5/13/2013	190 FS 2625 FW Sec 8 26S 34E	1650 FN 2625 FW Sec 5 26S 34E	18,329	8,720	8,723	360	9,810	9755	90.4	12	Yet to Spud					
Gunner 8 Fed #4H	9/14/2012	5/16/2013	190 FS 380 FE Sec 8 26S 34E	330 FN 420 FE Sec 5 26S 34E	19,645	10,040	10,043	359	9,805	9625	91.1	12	Yet to Spud					
Gunner 5 Fee #1H	9/10/2013	9/11/2013	660 FN 190 FE Sec 5 26S 34E	660 FN 330 FW Sec 5 26S 34E	14,938	4,760		270	No Survey - KOP in Permit @ 9,400'.				Yet to Spud					

All information obtained from documents in the online OCD well files.

Oil Conservation Division
Case No. 15035
Exhibit No. 1