

JOA Dated January 26, 1998

Contract Area:

All of Section 11 from surface to base of Morrow
Leases not subject to JOA:

#VB-1111-0002, covering SENE & SE

Federal
NMNM-097128

CHK 56.18% WI
Devon 43.75% WI
MacDonald 0.07% WI

EDDY

COG 100%
State
VB-1111-0002

Federal
NMNM-095630

COG Operating's
Blackhawk 11
Federal Com 2H

COG Operating's
Blackhawk 11
Federal Com 1

State
V0-4932-000

Legend	
■	BHL
●	SHL
Permits	
---	APD Approved
---	APD Not Approved
Owners	
■	CHK
■	COG
■	Devon

16S 28E

12

NMOCD Case No. 14323

August 20, 2009

COG Operating LLC Ex. No. 4

Section 11 APDs 11-16S-28E Eddy Co., New Mexico	
Scale: 1/4, 3/8	Projection: GCS North American 1927
Date: 4/22/2009	Author: Erin Fay