



June 13, 2013

New Mexico Oil Conservation Division  
David Brooks  
1220 S St. Francis Drive  
Santa Fe, New Mexico 87505

Re: Gunner 8 Federal 7H Non-Standard Location

Mr. Brooks,

COG Operating LLC respectfully requests approval of a non-standard location for the Gunner 8 Federal 7H.

SHL: UL N, Section 8, Township 26S, Range 34E, 190 FSL 1350 FWL

BHL: UL F, Section 5, Township 26S, Range 34E, 1650 FNL 14900 FWL

API #: pending APD approval

This location is requested to allow spacing for 5 lateral well bores within the section.

Offset acreage is owned by COG Operating LLC, all interest are the same. Notice of non-standard project area to offset operators in Lots 2, 3, and 4 has previously been given for the Purdy 8 Federal 6H which falls in the same project area.

Please contact me at 432-221-0467 should you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "B. Maiorino".

Brian Maiorino  
Regulatory Analyst  
COG Operating, LLC

BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. 6  
Submitted by: COG OPERATING LLC  
Hearing Date: September 18, 2013

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO
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ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

**[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]**  
**[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]**  
**[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]**  
**[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]**  
**[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]**  
**[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]**

**[1] TYPE OF APPLICATION - Check Those Which Apply for [A]**

[A] Location - Spacing Unit - Simultaneous Dedication  
☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify \_\_\_\_\_

**[2] NOTIFICATION REQUIRED TO: - Does Not Apply**

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

**[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

**[4] CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Brian Maiorino

*Brian Maiorino*

Regulatory Analyst

6/13/13

Print or Type Name

Signature

Title

Date

bmaiorino@concho.com  
 e-mail Address

DISTRICT I  
1825 N. FRENCH DR., HOBBES, NM 88440  
Phone: (505) 393-6181 Fax: (505) 393-0728

DISTRICT II  
1301 W. GRAND AVENUE, ARTESIA, NM 88210  
Phone: (505) 748-1853 Fax: (505) 748-8720

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-8178 Fax: (505) 334-8170

DISTRICT IV  
1085 S. ST. FRANCIS DR., SANTA FE, NM 87505  
Phone: (505) 476-3480 Fax: (505) 476-3482

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
11885 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number	Pool Code	Pool Name
	97892	Wildcat; Bone Spring, Upper Shale
Property Code	Property Name	Well Number
39372	GUNNER 8 FEDERAL	7H
OGRID No.	Operator Name	Elevation
229138	COG OPERATING, LLC	3354.9

**Surface Location**

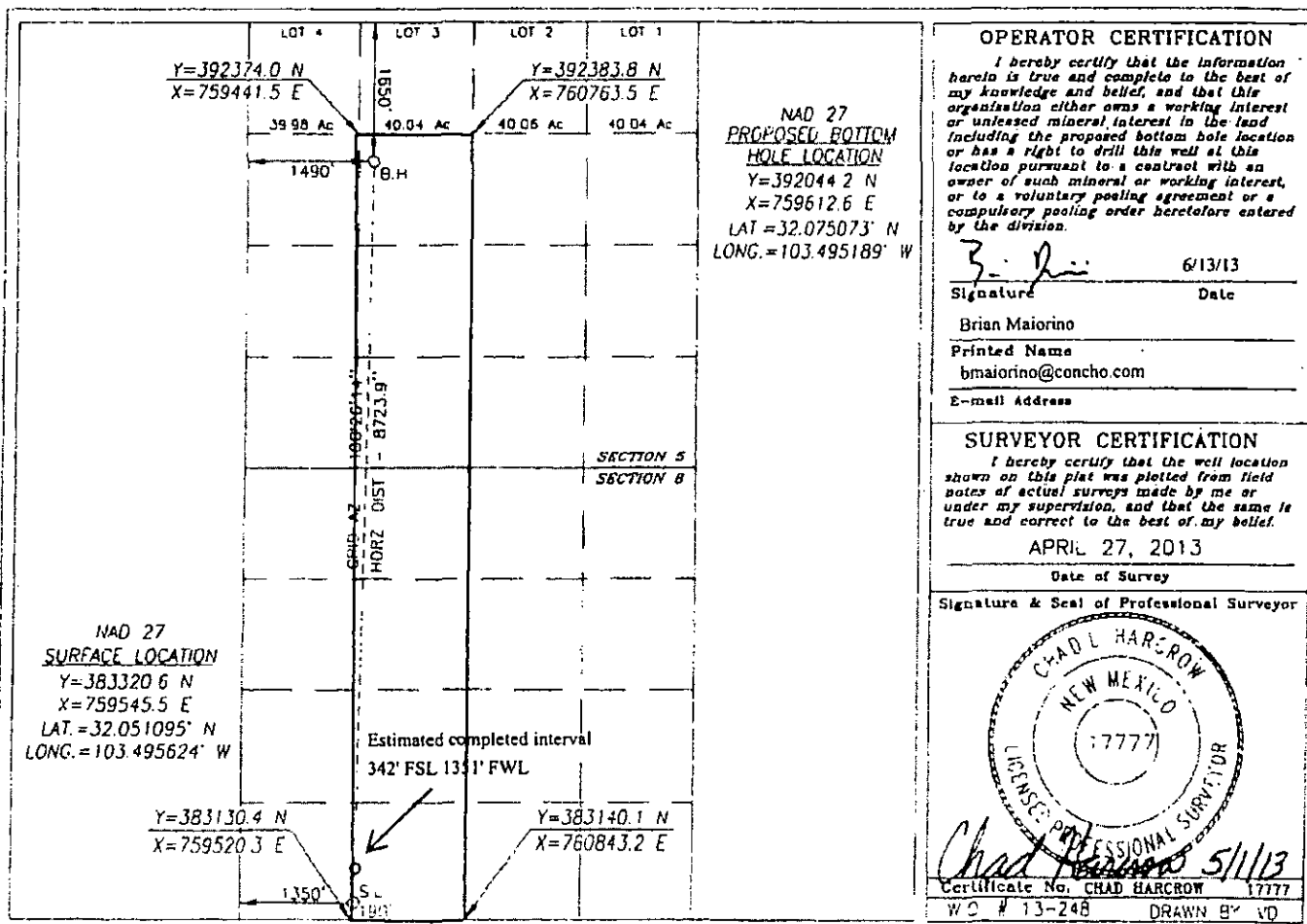
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	8	26-S	34-E		190	SOUTH	1350	WEST	LEA

**Bottom Hole Location If Different From Surface**

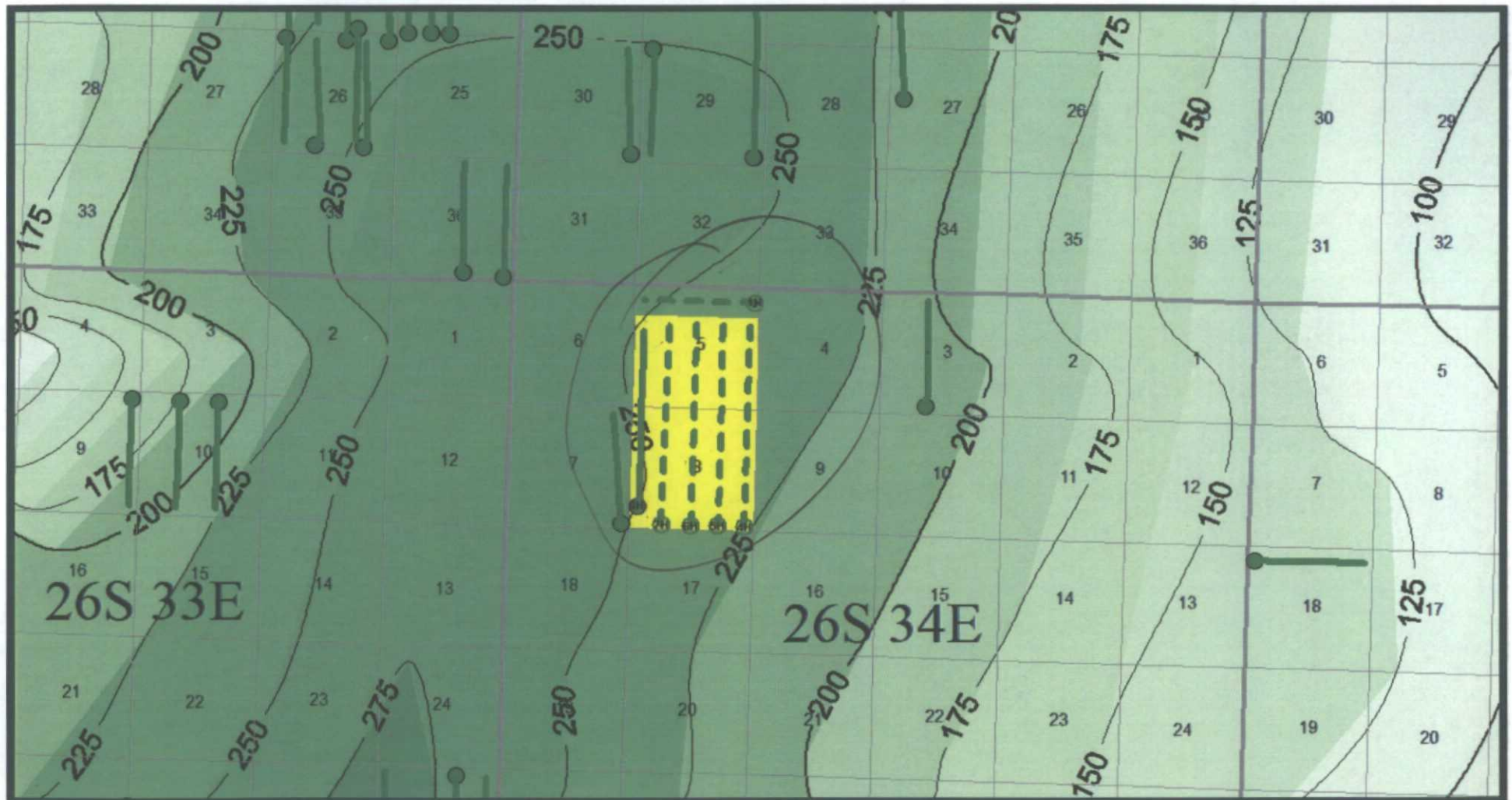
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	5	26-S	34-E		1650	NORTH	1490	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
280.0			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



## Upper Avalon pay map (thickness in feet)



>8% DPHI  
>85 API GR

LOG Ex. 16