

DATE IN <u>5/25/06</u>	SUSPENSE	ENGINEER <u>Will Jones</u>	LOGGED IN <u>5/25/06</u>	TYPE <u>DHC</u>	APP NO. <u>PTD 50614557097</u>
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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: - Check Those Which Apply, or 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.

Print or Type Name

Signature

Title

Date

e-mail Address

✓ District I
1625 N. French Drive, Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised June 10, 2003

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

APPLICATION TYPE
☒ Single Well
☐ Establish Pre-Approved Pools
EXISTING WELLBORE
☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

2006 MAY 25 AM 11 18

DHC-3716

COG OPERATING LLC 550 W. Texas, Suite 550 Midland, TX 79701
Operator Address
PROHIBITION FEDERAL UNIT #3 Unit H, Sec 12, T22S, R23E Lea
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 229137 Property Code API No. 30-025-32142 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	UNDES ON Bootleg Ridge; Delaware, NW		Red Tank; Bone Spring O ✓
Pool Code	6925 ✓		51683 ✓
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	8454 - 8522		8820 - 8835
Method of Production (Flowing or Artificial Lift)	Pumping		Pumping
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	41.9		42.4
Producing, Shut-In or New Zone	Producing		SI
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: 4-28-06 Rates: 10 BO 30 MCF 158 BW	Date: Rates:	Date: 3-2-06 Rates: 5 BO 35 MCF 0 BW
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 67 % 46 %	Oil Gas % %	Oil Gas 33 % 54 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☒ No ☐
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ☐ No ☐
Are all produced fluids from all commingled zones compatible with each other? Yes ☒ No ☐
Will commingling decrease the value of production? Yes ☐ No ☒
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands
or the United States Bureau of Land Management been notified in writing of this application? Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well: _____

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools
List of all operators within the proposed Pre-Approved Pools
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Phyllis A. Edwards TITLE Regulatory Analyst DATE 5/24/06
TYPE OR PRINT NAME Phyllis A. Edwards TELEPHONE NO. (432) 685-4340
E-MAIL ADDRESS pedwards@conchoresources.com

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 1999

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-32142	Pool Code 51683	Pool Name RED TANK; BONE SPRING (51683)
Property Code 006352	Property Name PROHIBITION FEDERAL UNIT	Well Number 3
GRID No. 229137	Operator Name COG OPERATING LLC	Elevation 3617.7' GR

¹⁰ Surface Location

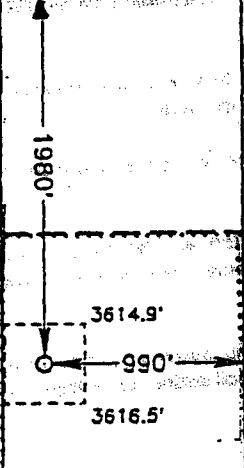
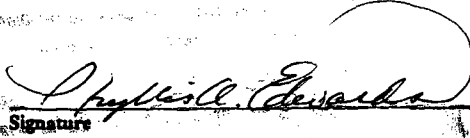
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	12	22S	32E		1980	NORTH	990	EAST	LEA

¹¹ 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

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
40	N	U	

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

16 	17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Phyllis A. Edwards Printed Name REGULATORY ANALYST Title 5/24/06 Date
	18 SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102

Revised October 18, 1999

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-32142	² Pool Code 6925	³ Pool Name BOOTLEG RIDGE; DELAWARE, NW (6925)
⁴ Property Code 006352	⁵ Property Name PROHIBITION FEDERAL UNIT	⁶ Well Number 3
⁷ GRID No. 229137	⁸ Operator Name COG OPERATING LLC	⁹ Elevation 3617.7' GR

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	12	22S	32E		1980	NORTH	990	EAST	LEA

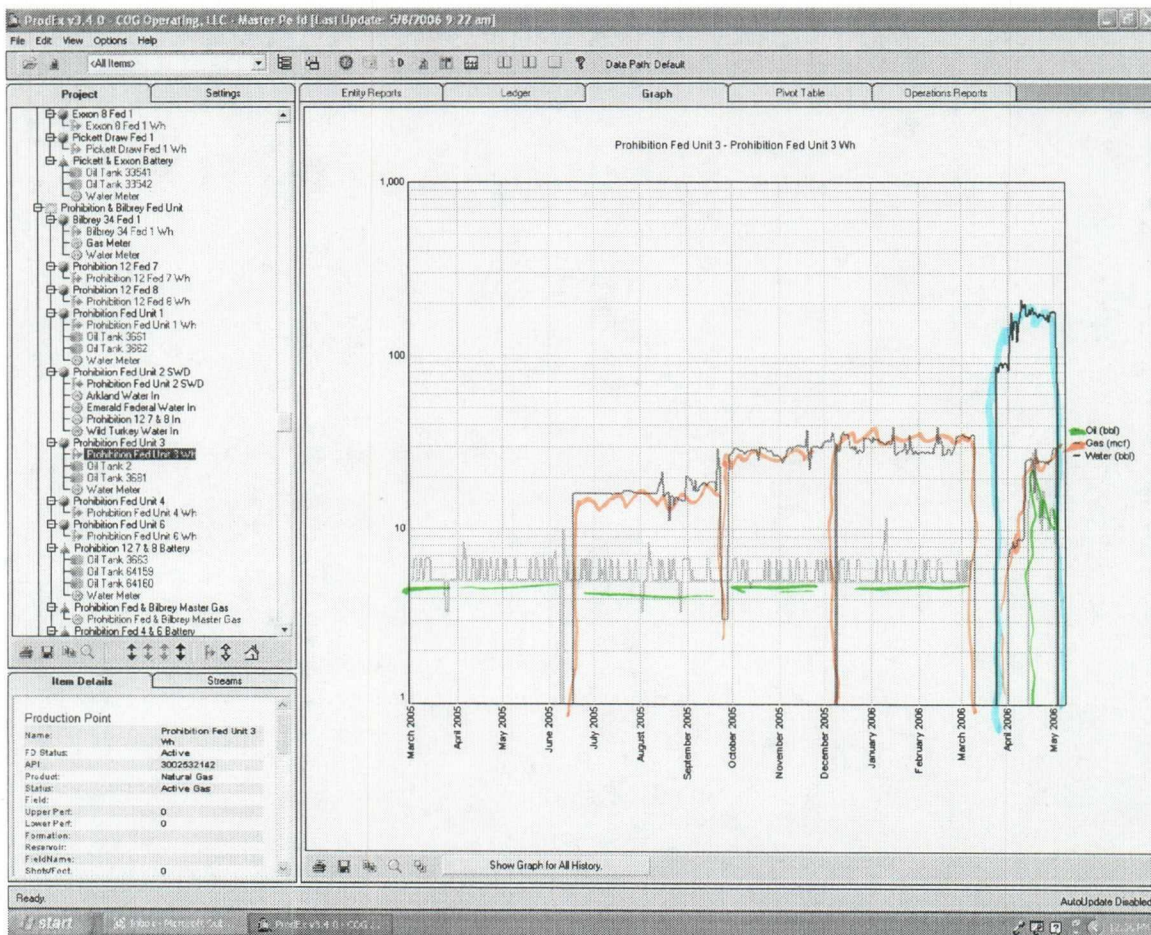
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 40	¹³ Joint or Infill N	¹⁴ Consolidation Code U	¹⁵ Order No.
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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

16 1980' 3614.9' 990' 3616.5'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief <i>Phyllis A. Edwards</i> Signature Phyllis A. Edwards Printed Name REGULATORY ANALYST Title 5-24-06 Date
	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number



COG OPERATING LLC 229137
 Prohibition Federal Unit #3
 Unit H, Sec 12, T22S, R23E
 API: 30-025-32142

BONE SPRING & DELAWARE PRODUCTION HISTORY

Unable to give 1 year production history on Delaware.
 Recomplete to Delaware 3/23/06.

COG OPERATING LLC 229137
Prohibition Federal Unit #3
Unit H, Sec 12, T22S, R23E
API: 30-025-32142

BONE SPRING PRODUCTION HISTORY

4/28/2005	5.04	0.00	0.00
4/27/2005	6.72	0.00	0.00
4/26/2005	5.04	0.00	0.00
4/25/2005	5.04	0.00	0.00
4/24/2005	5.04	0.00	0.00
4/23/2005	6.72	0.00	0.00
4/22/2005	6.72	0.00	0.00
4/21/2005	5.04	0.00	0.00
4/20/2005	6.72	0.00	0.00
4/19/2005	5.04	0.00	0.00
4/18/2005	5.04	0.00	0.00
4/17/2005	6.72	0.00	0.00
4/16/2005	5.04	0.00	0.00
4/15/2005	6.72	0.00	0.00
4/14/2005	5.04	0.00	0.00
4/13/2005	5.04	0.00	0.00
4/12/2005	6.72	0.00	0.00
4/11/2005	6.72	0.00	0.00
4/10/2005	5.04	0.00	0.00
4/9/2005	5.04	0.00	0.00
4/8/2005	5.04	0.00	0.00
4/7/2005	5.04	0.00	0.00
4/6/2005	7.14	0.00	0.00
4/5/2005	8.40	0.00	0.00
4/4/2005	5.04	0.00	0.00
4/3/2005	5.04	0.00	0.00
4/2/2005	5.04	0.00	0.00
4/1/2005	6.72	0.00	0.00
3/31/2005	5.04	0.00	0.00
3/30/2005	5.04	0.00	0.00
3/29/2005	5.04	0.00	0.00
3/28/2005	5.04	0.00	0.00
3/27/2005	5.04	0.00	0.00
3/26/2005	5.04	0.00	0.00
3/25/2005	3.36	0.00	0.00
3/24/2005	3.36	0.00	0.00
3/23/2005	5.04	0.00	0.00
3/22/2005	5.04	0.00	0.00
3/21/2005	5.04	0.00	0.00
3/20/2005	5.04	0.00	0.00
3/19/2005	5.04	0.00	0.00
3/18/2005	5.04	0.00	0.00
3/17/2005	5.04	0.00	0.00
3/16/2005	5.04	0.00	0.00
3/15/2005	5.04	0.00	0.00
3/14/2005	5.04	0.00	0.00
3/13/2005	6.72	0.00	0.00
3/12/2005	6.72	0.00	0.00
3/11/2005	6.72	0.00	0.00
3/10/2005	6.72	0.00	0.00
3/9/2005	5.04	0.00	0.00
3/8/2005	6.72	0.00	0.00
3/7/2005	6.72	0.00	0.00
3/6/2005	5.04	0.00	0.00
3/5/2005	5.04	0.00	0.00
3/4/2005	6.72	0.00	0.00
3/3/2005	6.72	0.00	0.00
3/2/2005	5.04	0.00	0.00
3/1/2005	62.15	0.00	0.00

6/29/2005	5.04	16.11	0.00
6/28/2005	6.72	16.00	0.00
6/27/2005	5.04	16.00	0.00
6/26/2005	6.72	16.00	0.00
6/25/2005	5.04	16.11	0.00
6/24/2005	6.72	16.00	0.00
6/23/2005	5.04	16.00	0.00
6/22/2005	6.72	16.11	0.00
6/21/2005	5.04	16.11	0.00
6/20/2005	5.04	16.11	0.00
6/19/2005	5.04	16.11	0.00
6/18/2005	5.04	16.11	0.00
6/17/2005	6.72	16.00	0.00
6/16/2005	5.04	0.00	0.00
6/15/2005	5.04	0.00	0.00
6/14/2005	5.04	0.00	0.00
6/13/2005	6.72	0.00	0.00
6/12/2005	5.04	0.00	0.00
6/11/2005	5.04	0.00	0.00
6/10/2005	10.08	0.00	0.00
6/9/2005	0.00	0.00	0.00
6/8/2005	5.04	0.00	0.00
6/7/2005	5.04	0.00	0.00
6/6/2005	5.04	0.00	0.00
6/5/2005	7.56	0.00	0.00
6/4/2005	6.72	0.00	0.00
6/3/2005	5.04	0.00	0.00
6/2/2005	6.72	0.00	0.00
6/1/2005	6.72	0.00	0.00
5/31/2005	5.04	0.00	0.00
5/30/2005	5.04	0.00	0.00
5/29/2005	6.72	0.00	0.00
5/28/2005	5.04	0.00	0.00
5/27/2005	5.04	0.00	0.00
5/26/2005	5.04	0.00	0.00
5/25/2005	5.04	0.00	0.00
5/24/2005	6.72	0.00	0.00
5/23/2005	6.72	0.00	0.00
5/22/2005	5.04	0.00	0.00
5/21/2005	5.04	0.00	0.00
5/20/2005	5.04	0.00	0.00
5/19/2005	6.72	0.00	0.00
5/18/2005	5.04	0.00	0.00
5/17/2005	5.04	0.00	0.00
5/16/2005	5.04	0.00	0.00
5/15/2005	5.04	0.00	0.00
5/14/2005	5.04	0.00	0.00
5/13/2005	5.04	0.00	0.00
5/12/2005	5.04	0.00	0.00
5/11/2005	5.04	0.00	0.00
5/10/2005	5.04	0.00	0.00
5/9/2005	6.72	0.00	0.00
5/8/2005	5.04	0.00	0.00
5/7/2005	5.04	0.00	0.00
5/6/2005	5.04	0.00	0.00
5/5/2005	5.04	0.00	0.00
5/4/2005	5.04	0.00	0.00
5/3/2005	6.72	0.00	0.00
5/2/2005	5.04	0.00	0.00
5/1/2005	6.72	0.00	0.00
4/30/2005	5.04	0.00	0.00
4/29/2005	5.04	0.00	0.00

8/30/2005	6.72	14.63	0.00
8/29/2005	6.72	14.63	0.00
8/28/2005	5.04	14.72	0.00
8/27/2005	3.36	14.81	0.00
8/26/2005	5.04	14.99	0.00
8/25/2005	5.04	15.54	0.00
8/24/2005	5.04	15.18	0.00
8/23/2005	6.72	13.71	0.00
8/22/2005	6.72	15.49	0.00
8/21/2005	5.04	15.73	0.00
8/20/2005	6.72	11.25	0.00
8/19/2005	5.04	16.37	0.00
8/18/2005	5.04	16.30	0.00
8/17/2005	5.04	15.59	0.00
8/16/2005	5.04	15.51	0.00
8/15/2005	6.72	21.67	0.00
8/14/2005	5.04	18.44	0.00
8/13/2005	6.72	18.33	0.00
8/12/2005	5.04	16.56	0.00
8/11/2005	5.04	16.00	0.00
8/10/2005	5.04	16.11	0.00
8/9/2005	5.04	16.00	0.00
8/8/2005	6.30	16.00	0.00
8/7/2005	6.72	16.00	0.00
8/6/2005	8.40	16.11	0.00
8/5/2005	5.04	16.00	0.00
8/4/2005	5.04	16.00	0.00
8/3/2005	5.04	16.11	0.00
8/2/2005	3.36	16.11	0.00
8/1/2005	3.36	16.11	0.00
7/31/2005	5.04	16.11	0.00
7/30/2005	5.04	16.11	0.00
7/29/2005	5.04	16.22	0.00
7/28/2005	6.72	16.22	0.00
7/27/2005	5.04	16.33	0.00
7/26/2005	5.04	16.44	0.00
7/25/2005	5.04	16.67	0.00
7/24/2005	6.72	16.67	0.00
7/23/2005	5.04	16.56	0.00
7/22/2005	5.04	16.67	0.00
7/21/2005	5.04	16.89	0.00
7/20/2005	5.04	16.11	0.00
7/19/2005	5.04	16.00	0.00
7/18/2005	5.04	16.11	0.00
7/17/2005	6.72	16.22	0.00
7/16/2005	5.04	16.11	0.00
7/15/2005	5.04	16.11	0.00
7/14/2005	5.04	16.00	0.00
7/13/2005	5.04	15.89	0.00
7/12/2005	6.72	16.00	0.00
7/11/2005	5.04	16.11	0.00
7/10/2005	5.04	16.11	0.00
7/9/2005	5.04	16.11	0.00
7/8/2005	6.72	16.11	0.00
7/7/2005	5.04	16.11	0.00
7/6/2005	5.88	16.11	0.00
7/5/2005	5.04	16.11	0.00
7/4/2005	6.72	16.00	0.00
7/3/2005	5.04	16.00	0.00
7/2/2005	5.04	16.00	0.00
7/1/2005	5.04	16.00	0.00
6/30/2005	5.04	16.00	0.00

10/31/2005	5.04	26.63	0.00
10/30/2005	6.72	26.45	0.00
10/29/2005	5.04	26.63	0.00
10/28/2005	5.04	26.80	0.00
10/27/2005	5.04	28.05	0.00
10/26/2005	5.04	28.22	0.00
10/25/2005	6.72	28.05	0.00
10/24/2005	5.04	28.22	0.00
10/23/2005	5.04	29.11	0.00
10/22/2005	6.72	29.29	0.00
10/21/2005	5.04	29.64	0.00
10/20/2005	5.04	29.47	0.00
10/19/2005	5.04	30.00	0.00
10/18/2005	5.04	25.03	0.00
10/17/2005	5.04	28.58	0.00
10/16/2005	5.04	28.58	0.00
10/15/2005	5.04	28.76	0.00
10/14/2005	5.04	28.40	0.00
10/13/2005	4.62	28.58	0.00
10/12/2005	5.04	28.40	0.00
10/11/2005	5.04	28.22	0.00
10/10/2005	6.72	28.05	0.00
10/9/2005	5.04	27.34	0.00
10/8/2005	6.72	27.87	0.00
10/7/2005	6.72	28.05	0.00
10/6/2005	5.04	28.40	0.00
10/5/2005	5.04	28.76	0.00
10/4/2005	5.04	28.93	0.00
10/3/2005	6.72	29.64	0.00
10/2/2005	6.72	29.11	0.00
10/1/2005	6.72	28.05	0.00
9/30/2005	5.04	27.69	0.00
9/29/2005	5.04	26.80	0.00
9/28/2005	5.04	21.66	0.00
9/27/2005	5.04	3.07	0.00
9/26/2005	5.04	3.07	0.00
9/25/2005	5.04	3.07	0.00
9/24/2005	5.04	3.07	0.00
9/23/2005	5.04	7.02	0.00
9/22/2005	5.04	23.25	0.00
9/21/2005	5.04	29.11	0.00
9/20/2005	5.04	16.66	0.00
9/19/2005	5.04	18.65	0.00
9/18/2005	5.04	18.87	0.00
9/17/2005	5.04	18.65	0.00
9/16/2005	5.04	18.65	0.00
9/15/2005	6.72	18.65	0.00
9/14/2005	6.72	17.88	0.00
9/13/2005	5.04	17.99	0.00
9/12/2005	5.04	18.65	0.00
9/11/2005	5.04	18.32	0.00
9/10/2005	5.04	17.99	0.00
9/9/2005	5.04	17.77	0.00
9/8/2005	5.04	16.55	0.00
9/7/2005	5.04	16.55	0.00
9/6/2005	5.04	19.17	0.00
9/5/2005	5.04	16.77	0.00
9/4/2005	5.88	19.30	0.00
9/3/2005	5.04	19.30	0.00
9/2/2005	6.72	19.68	0.00
9/1/2005	6.72	20.06	0.00
8/31/2005	6.72	20.32	0.00

Date	Oil	Gas	Water
12/31/2005	5.04	32.46	0.00
12/30/2005	5.04	33.61	0.00
12/29/2005	5.04	33.94	0.00
12/28/2005	5.04	33.49	0.00
12/27/2005	5.04	33.97	0.00
12/26/2005	5.04	28.09	0.00
12/25/2005	5.04	28.02	0.00
12/24/2005	5.04	29.05	0.00
12/23/2005	6.72	28.44	0.00
12/22/2005	6.72	27.61	0.00
12/21/2005	5.04	30.19	0.00
12/20/2005	5.04	29.07	0.00
12/19/2005	5.04	30.41	0.00
12/18/2005	5.04	29.48	0.00
12/17/2005	5.04	30.37	0.00
12/16/2005	6.72	35.36	0.00
12/15/2005	5.04	34.92	0.00
12/14/2005	5.04	35.40	0.00
12/13/2005	6.72	36.73	0.00
12/12/2005	6.72	34.46	0.00
12/11/2005	6.72	28.64	0.00
12/10/2005	5.04	28.22	0.00
12/9/2005	6.72	31.22	0.00
12/8/2005	5.04	0.00	0.00
12/7/2005	5.04	32.07	0.00
12/6/2005	5.04	36.42	0.00
12/5/2005	6.72	32.07	0.00
12/4/2005	5.04	32.24	0.00
12/3/2005	5.04	32.43	0.00
12/2/2005	6.72	32.49	0.00
12/1/2005	6.72	31.95	0.00
11/30/2005	5.04	31.76	0.00
11/29/2005	6.72	29.18	0.00
11/28/2005	5.04	30.00	0.00
11/27/2005	5.04	29.43	0.00
11/26/2005	6.72	30.20	0.00
11/25/2005	6.72	30.13	0.00
11/24/2005	5.04	29.93	0.00
11/23/2005	5.04	30.00	0.00
11/22/2005	5.04	29.80	0.00
11/21/2005	5.04	22.22	0.00
11/20/2005	5.04	28.60	0.00
11/19/2005	5.04	37.00	0.00
11/18/2005	6.72	30.13	0.00
11/17/2005	5.04	30.00	0.00
11/16/2005	5.04	30.13	0.00
11/15/2005	5.04	30.38	0.00
11/14/2005	5.04	30.37	0.00
11/13/2005	6.72	30.24	0.00
11/12/2005	6.72	30.23	0.00
11/11/2005	5.04	30.11	0.00
11/10/2005	5.04	30.11	0.00
11/9/2005	5.04	28.57	0.00
11/8/2005	6.72	29.53	0.00
11/7/2005	5.04	29.69	0.00
11/6/2005	5.04	28.40	0.00
11/5/2005	5.04	25.80	0.00
11/4/2005	5.04	26.20	0.00
11/3/2005	5.04	24.28	0.00
11/2/2005	5.04	25.65	0.00
11/1/2005	6.72	26.14	0.00

BONE SPRING & DELAWARE PRODUCTION HISTORY

Unable to give 1 year production history on Delaware.
Recomplete to Delaware 3/23/06.

Date	Oil	Gas	Water
5/7/2006	0	0	0
5/6/2006	0	0	0
5/5/2006	0	0	0
5/4/2006	0	0	0
5/3/2006	0	7.86	70
5/2/2006	8.4	29.8	177
5/1/2006	11.76	29.6	181
4/30/2006	13.44	28.9	179
4/29/2006	13.44	25.37	177
4/28/2006	10.08	24.94	158
4/27/2006	11.76	23.91	174
4/26/2006	11.76	24.94	161
4/25/2006	11.76	24.51	169
4/24/2006	16.8	24.86	172
4/23/2006	10.08	24.86	170
4/22/2006	11.76	24.69	176
4/21/2006	15.12	25.46	166
4/20/2006	15.12	24.34	172
4/19/2006	23.44	29.52	180
4/18/2006	23.44	16.5	174
4/17/2006	28.06	24.86	191
4/16/2006	21.76	26.14	174
4/15/2006	16.8	25.52	186
4/14/2006	13.44	25.18	169
4/13/2006	0	25.18	170
4/12/2006	0	24.42	201
4/11/2006	0	9.04	188
4/10/2006	0	8.78	211
4/9/2006	0	8.72	180
4/8/2006	0	8.87	152
4/7/2006	0	8.75	120
4/6/2006	0	8.06	160
4/5/2006	0	7.85	158
4/4/2006	0	8.63	124
4/3/2006	0	8.03	178
4/2/2006	0	7.79	132
4/1/2006	0	7	82
3/31/2006	0	0	86
3/30/2006	0	0	92
3/29/2006	0	0	89
3/28/2006	0	0	85
3/27/2006	0	0	92
3/26/2006	0	0	88
3/25/2006	0	0	80
3/24/2006	0	0	86
3/23/2006	0	0	0
3/22/2006	0	0	0
3/21/2006	0	0	0
3/20/2006	0	0	0
3/19/2006	0	0	0
3/18/2006	0	0	0
3/17/2006	0	0	0
3/16/2006	0	0	0
3/15/2006	0	0	0
3/14/2006	0	0	0
3/13/2006	0	0	0
3/12/2006	0	0	0
3/11/2006	0	0	0
3/10/2006	0	0	0
3/9/2006	6.72	34.94	0
3/8/2006	6.72	35.54	0
3/7/2006	6.72	34.03	0
3/6/2006	5.04	33.42	0
3/5/2006	6.72	34.03	0
3/4/2006	5.04	34.33	0
3/3/2006	6.72	34.13	0
3/2/2006	5.04	35.34	0
3/1/2006	6.72	35.04	0

DEL

Date	Oil	Gas	Water
2/28/2006	5.04	35.14	0.00
2/27/2006	5.04	34.80	0.00
2/26/2006	6.72	34.29	0.00
2/25/2006	5.04	31.96	0.00
2/24/2006	5.04	29.32	0.00
2/23/2006	5.04	28.00	0.00
2/22/2006	5.04	26.99	0.00
2/21/2006	5.04	29.36	0.00
2/20/2006	5.04	28.80	0.00
2/19/2006	5.04	27.30	0.00
2/18/2006	5.04	27.39	0.00
2/17/2006	5.04	26.96	0.00
2/16/2006	5.04	31.30	0.00
2/15/2006	6.72	34.36	0.00
2/14/2006	6.72	31.40	0.00
2/13/2006	6.72	38.92	0.00
2/12/2006	5.04	31.69	0.00
2/11/2006	5.04	29.47	0.00
2/10/2006	5.04	27.39	0.00
2/9/2006	5.04	27.71	0.00
2/8/2006	5.46	27.43	0.00
2/7/2006	6.72	28.00	0.00
2/6/2006	6.72	28.14	0.00
2/5/2006	5.04	27.43	0.00
2/4/2006	6.72	28.14	0.00
2/3/2006	5.04	27.72	0.00
2/2/2006	5.04	27.86	0.00
2/1/2006	5.04	27.86	0.00
1/31/2006	5.04	27.30	0.00
1/30/2006	6.72	28.52	0.00
1/29/2006	5.04	27.46	0.00
1/28/2006	5.04	27.08	0.00
1/27/2006	5.04	29.98	0.00
1/26/2006	5.04	35.00	0.00
1/25/2006	5.04	28.97	0.00
1/24/2006	5.04	27.05	0.00
1/23/2006	6.72	31.63	0.00
1/22/2006	6.72	29.40	0.00
1/21/2006	5.04	28.56	0.00
1/20/2006	5.04	28.15	0.00
1/19/2006	5.04	28.18	0.00
1/18/2006	5.04	27.49	0.00
1/17/2006	5.04	26.96	0.00
1/16/2006	5.04	27.70	0.00
1/15/2006	6.72	38.83	0.00
1/14/2006	5.04	31.39	0.00
1/13/2006	5.04	31.10	0.00
1/12/2006	5.04	32.32	0.00
1/11/2006	6.72	32.02	0.00
1/10/2006	11.76	30.94	0.00
1/9/2006	8.40	31.27	0.00
1/8/2006	6.72	31.79	0.00
1/7/2006	5.04	31.70	0.00
1/6/2006	5.04	32.39	0.00
1/5/2006	5.04	33.44	0.00
1/4/2006	6.72	33.35	0.00
1/3/2006	5.04	33.09	0.00
1/2/2006	5.04	34.20	0.00
1/1/2006	5.04	31.78	0.00

BS

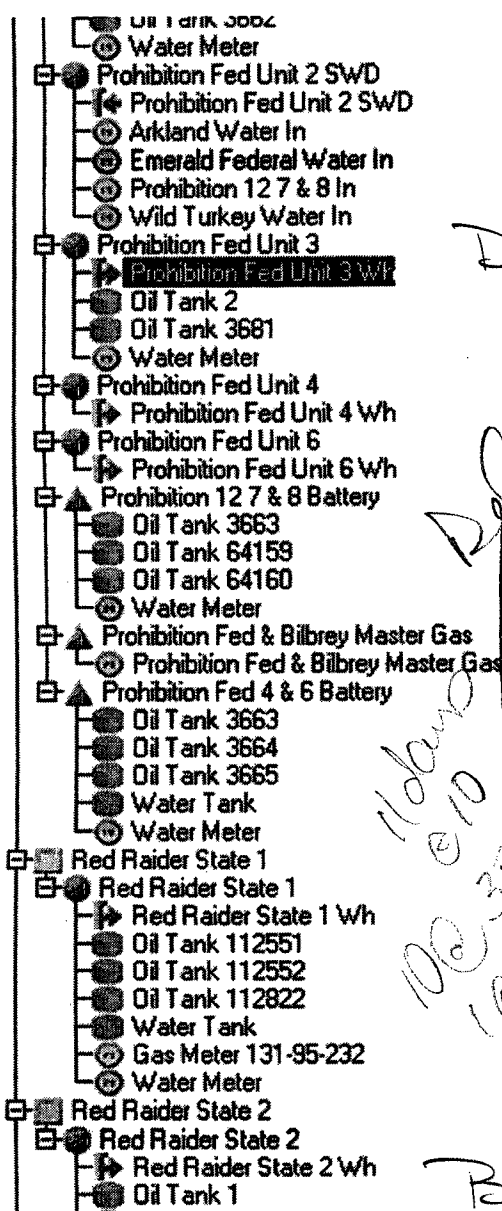
COG OPERATING LLC 229137
Prohibition Federal Unit #3
Unit H, Sec 12, T22S, R23E
API: 30-025-32142

BONE SPRING & DELAWARE PRODUCTION HISTORY

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Recomplete to Delaware 3/23/06.

WELL TESTS

Orig BS
Del *3/23*



Production	Pressures	Down Time	Tests	Levels	Pumping Unit	Engine
	Date		Oil	Gas	Water	Hours On
1	5/14/2006 2:24:00 PM		1.00	0.00	252.00	18
2	5/13/2006 2:23:00 PM		1.00	0.00	88.00	18
3	4/30/2006 9:15:00 PM		12.00	30.00	179.00	24
4	4/20/2006 11:52:00 AM		15.00	30.00	172.00	24
5	4/19/2006 11:52:00 AM		28.00	30.00	180.00	24
6	4/18/2006 11:52:00 AM		23.00	20.00	174.00	24
7	4/17/2006 11:51:00 AM		29.00	30.00	191.00	24
8	4/16/2006 11:51:00 AM		22.00	30.00	174.00	24
9	4/15/2006 11:51:00 AM		17.00	30.00	186.00	24
10	4/14/2006 11:50:00 AM		13.00	30.00	169.00	24
11	4/13/2006 11:50:00 AM		0.00	30.00	170.00	24
12	4/12/2006 11:50:00 AM		0.00	30.00	201.00	24
13	4/11/2006 11:50:00 AM		0.00	10.00	188.00	24
14	4/10/2006 11:49:00 AM		0.00	10.00	211.00	24
15	4/9/2006 11:49:00 AM		0.00	10.00	180.00	24
16	4/8/2006 11:48:00 AM		0.00	10.00	152.00	24
17	4/7/2006 11:48:00 AM		0.00	10.00	120.00	24
18	4/6/2006 11:48:00 AM		0.00	10.00	160.00	24
19	4/5/2006 11:47:00 AM		0.00	10.00	158.00	24
20	4/4/2006 11:47:00 AM		0.00	10.00	124.00	24
21	4/3/2006 11:47:00 AM		0.00	10.00	178.00	24
22	4/2/2006 11:47:00 AM		0.00	10.00	132.00	24
23	4/1/2006 11:46:00 AM		0.00	10.00	86.00	24
24	3/31/2006 4:53:00 PM		0.00	0.00	85.00	24
25	3/30/2006 11:44:00 AM		0.00	0.00	92.00	24
26	3/29/2006 11:43:00 AM		0.00	0.00	80.00	24
27	3/28/2006 11:43:00 AM		0.00	0.00	85.00	24
28	3/27/2006 11:43:00 AM		0.00	0.00	92.00	24
29	3/26/2006 11:42:00 AM		0.00	0.00	88.00	24
30	3/25/2006 11:42:00 AM		0.00	0.00	80.00	24
31	3/24/2006 11:41:00 AM		0.00	0.00	86.00	24
32	2/28/2006 6:17:00 PM		5.00	40.00	0.00	24

Del
Del
11 days
10 @ 30
1 @ 20
BS

AVG 35
GAS