

4/20/09 DATE IN	SUSPENSE	D. Brooks ENGINEER	4/20/09 LOGGED IN	NSL TYPE	DKAA0911037502 APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

RECEIVED

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

2009 APR 20 AM 10 15 220 South St. Francis Drive, Santa Fe, NM 87505



30-015
Blackhawk Fed. Com
#002 H
COG 229137

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 INTEREST ARE THE SAME

[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.

ROBYN M. ODOM
Print or Type Name

Signature

REGULATORY ANALYST
Title

4/17/09
Date

rododm@conchoresources.com
e-mail Address

**Blackhawk 11 Federal Com #2
Eddy County, NM**

COG is requesting to horizontally drill a S/2, SW/4 to SE/4 120 acre spacing
WC; Crow Flats; Abo oil well
Approximately: TVD 6690', MD 9950'

Non-standard Location:

SHL: 1800' FSL & 1590' FWL Sec 11, T16S, R28E, Unit K
BHL: 1650' FSL & 330' FEL Sec 11, T16S, R28E, Unit I

This well had to be staked at a non-standard location due to sand dunes.

The plan for this well is to complete it in the Abo formation.

We won't know the exact perms until we drill & log it, but it will be very similar to the
Reindeer 21 Federal #2 which was recently drilled in June 2008 and is located at:

SHL: 330' FNL & 330' FEL Section 21, T16S, R28E, Unit A.
BHL: 330' FNL & 330' FWL Section 21, T16S, R28E, Unit D

Reindeer 21 Federal #2 has perms from: 6946' – 8331' overall, but broken up into 4
separate intervals, with 4 separate fracs:

1st Perf: 6946',
acidized w/ 9300 gals,
frac'd w/ 91,000 gals gel, 60,500# 30/50 sand.

2nd Perf: 7479',
acidized w/ 9300 gals,
frac'd w/ 91,000 gals gel, 60,500# 30/50 sand.

3rd Perf: 7884',
acidized w/ 9300 gals,
frac'd w/ 91,000 gals gel, 60,500# 30/50 sand.

4th Perf: 8331',
acidized w/ 9300 gals,
frac'd w/ 91,000 gals gel, 60,500# 30/50 sand.

Attachment 1

Plat & Map

Attachment 2

Map & legend of offset wells.

Attachment 3

Updated land plat showing that COG Operating LLC owns the SE/4 and Unit H of
Section 11. The acreage we are encroaching on is the NW/4 of the SW/4 of Section 11.
Offset acreage is owned by Chesapeake Operating Inc. and Timothy R. MacDonald.
(copies of notices to Chesapeake and Mr. MacDonald are attached)

All interests are the same.

COG Operating LLC respectfully requests permission to have this NSL approved.

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., 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-102
Revised October 12, 2005

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code	Pool Name CROW FLATS; ABO
Property Code	Property Name BLACKHAWK "11" FEDERAL COM	Well Number 2H
OGRID No. 229137	Operator Name C.O.G. OPERATING L.L.C.	Elevation 3576'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	11	16 S	28 E		1800	SOUTH	1590	WEST	EDDY

Bottom Hole Location If Different From Surface

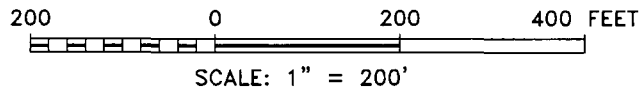
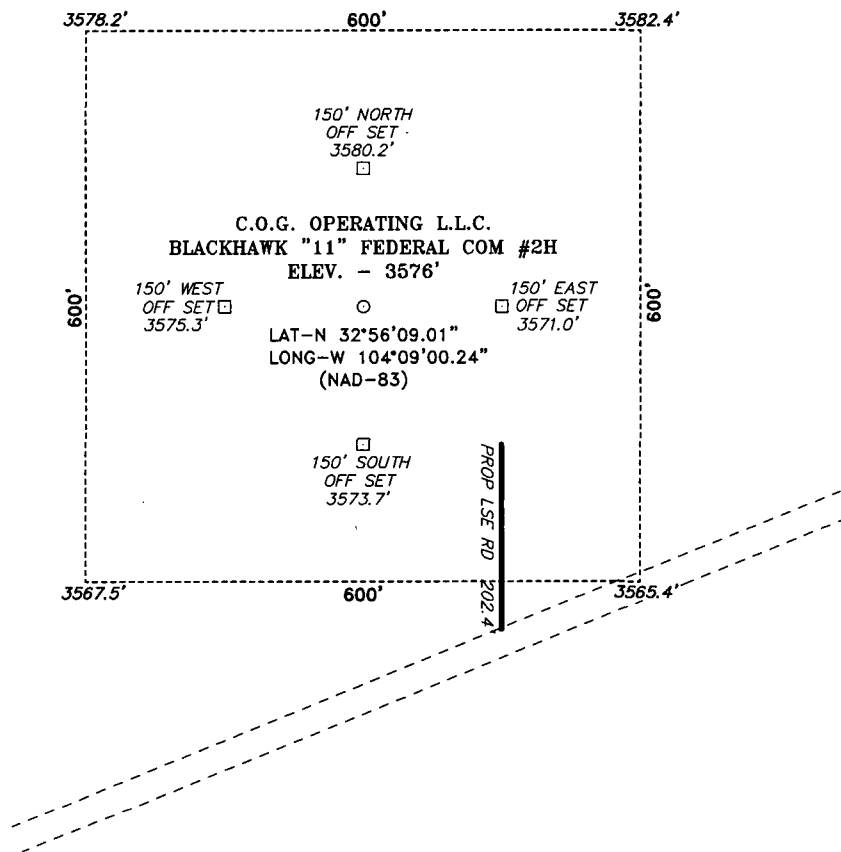
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	11	16 S	28 E		1650	SOUTH	330	EAST	EDDY

Dedicated Acres 120	Joint or Infill	Consolidation Code	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

SURFACE LOCATION LAT.: N 32°56'09.01" LONG.: W104°09'23.24" SPC- N.: 704240.973 E.: 597563.755 (NAD-83)	PROJECT AREA 3578.2' 3582.4' 3567.5' 3565.4' 1800' 1590' 3293.2' 330'		BOTTOM HOLE LOCATION LAT.: N 32°56'07.48" LONG.: W104°08'21.64" SPC- N.: 704092.109 E.: 600853.626 (NAD-83)	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Robyn Odom</i> 10/24/2008 Signature Date Robyn Odom Printed Name
	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. AUGUST 26 2007 Date Surveyed Signature Professional Surveyor W. 20219 Certificate No. Gary L. Jones 7977 BASIN SURVEYS			

SECTION 11, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



DIRECTIONS TO LOCATION:

FROM THE JUNCTION OF HWY 82 AND CO. RD. 202,
GO NORTHERLY 3.8 MILES TO LEASE ROAD, ON LEASE
ROAD GO NORTH 1.3 MILES TO A "Y". GO LEFT AND
GO 1.5 MILES TO A "Y", GO LEFT FOR 3.0 MILES TO
A "T", GO RIGHT (EASTERLY) FOR 2.2 MILES TO
PROPOSED LOCATION.

C.O.G. OPERATING L.L.C.

REF: BLACKHAWK "11" FEDERAL COM #2H / Well Pad Topo
THE BLACKHAWK "11" FEDERAL COM #2H LOCATED 1800' FROM
THE SOUTH LINE AND 1590' FROM THE WEST LINE OF
SECTION 11, TOWNSHIP 16 SOUTH, RANGE 28 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

BASIN SURVEYS P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 20219	Drawn By: J. M. SMALL
Date: 09-02-2008	Disk: JMS 20219
Survey Date: 08-26-2008	Sheet 1 of 1 Sheets

Offset Wells to BlackHawk 11 Federal 2H

API#	Operator	Lease	Well#	County	Legal	First Prod.	Last Prod.	Field Name	Reservoir Name	Total Well Depth Status
30-015-30592	CHESAPEAKE OPERATING, INC.	CROW FLATS 11 FEDERAL COM	001	EDDY	S:11, T:16S, R:28E	May 1999	Jul 2008	DIAMOND MOUND	MORROW (GAS)	9,722 Flowing
30-015-20930		RODMAN FED	001	EDDY	S:11, T:16S, R:28E			EDDY UNDESIGNATED	GROUP 1	1,868 Active
30-015-36541	COG OPERATING LLC	BLACKHAWK 11 FEDERAL COM	1	EDDY	S:11, T:16S, R:28E			CROW FLATS (WOLFCAMP)	WOLFCAMP	11,130 Active Permit

2 16S-23E



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**COG OPERATING LLC
550 W. TEXAS, SUITE 1300
MIDLAND, TX 79701**

April 1, 2009

Chesapeake Operating Inc.
P.O. Box 18496
Oklahoma City, OK 73154-0496

Re: Request for Unorthodox Well Location

To Whom It May Concern:

This letter will serve as notice under Rule 104.F (3) that COG Operating LLC has requested administrative approval from the Oil Conservation Division in Santa Fe, NM for an unorthodox WC; Crow Flats; Abo oil well.

**Blackhawk 11 Federal Com #2H
Eddy County, NM
SHL: 1800' FSL & 1590' FWL Sec 11, T16S, R28E, UL K
BHL: 1650' FSL & 330' FEL Sec 11, T16S, R28E, UL I**

Should your company have any objection, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may allow COG to produce from the unorthodox location after the well is drilled, if no objection has been made within the 20 days after the application has been received.

Sincerely,

COG Operating LLC



Robyn Odom
Regulatory Analyst

432-685-4385

rodom@conchoresources.com

**COG OPERATING LLC
550 W. TEXAS, SUITE 1300
MIDLAND, TX 79701**

April 1, 2009

Timothy R. MacDonald
23 Graham Lane
Lucas, TX 75002

Re: Request for Unorthodox Well Location

To Whom It May Concern:

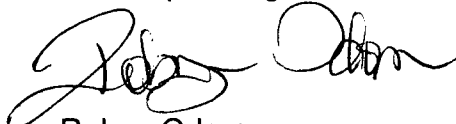
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Sincerely,

COG Operating LLC



Robyn Odom
Regulatory Analyst

432-685-4385

rodome@conchoresources.com

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

TIMOTHY R. MACDONALD
23 GRAHAM LANE
LUCAS, TX 75002

COMPLETE THIS SECTION ON DELIVERY

- A. Signature ☒ Agent ☐ Addressee
 X *[Signature]*
- B. Received by (Printed Name) ☐ Date of Delivery
Tim Macdonald *4-15*
- D. Is delivery address different from item 1? ☐ Yes
 If YES, enter delivery address below: ☐ No

3. Service Type

- ☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.
4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number **91 7108 2133 3933 5312 8624**
 (Transfer from service label)

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

CHESAPEAKE OPERATING INC.
P.O. BOX 18496
OKLAHOMA CITY, OK 73154-0496

COMPLETE THIS SECTION ON DELIVERY

- A. Signature ☐ Agent ☐ Addressee
 X **RECEIVED**
- B. Received by (Printed Name) ☐ Date of Delivery
APR 03 2009
- D. Is delivery address different from item 1? ☐ Yes
 If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.
4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number **91 7108 2133 3936 0319 9275**
 (Transfer from service label)

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540