

DATE IN 7.15.04	SUSPENSE	ENGINEER Stegner	LOGGED IN 7.16.04	TYPE NSL	APP NO. PSEM0419827858
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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.**

Yolanda Perez  
 Print or Type Name

*Yolanda Perez*  
 Signature

Sr. Regulatory Analyst  
 Title

7/13/04  
~~7/18/04~~  
 Date

yolanda.perez@conocophillips.com  
 e-mail Address

2009 JUL 15 PM 1 14



Yolanda Perez  
Sr. Regulatory Analyst  
P.O. Box 2197, WL3 6106  
Houston, Texas 77252-2197  
Tel: 832-486-2329  
Fax: 832-486-2764

July 13, 2004

New Mexico Oil Conservation Division  
1220 So. St. Francis Drive  
Santa Fe, New Mexico 87505

Attn: Michael Stogner

**Re: Application for Non-Standard Location  
Cabin Lake; Delaware  
Peakview Federal #3  
2250 FSL and 1175 FEL  
Unit Ltr. I Section 35-T21S-R30E  
Eddy County, New Mexico**

Dear Mr. Stogner,

ConocoPhillips plans to drill the referenced well in 4th quarter of 2004. In accordance to Statewide Rules for an Oil pool, a well shall be located on a spacing unit consisting of approximately 40 contiguous surface acres substantially in the form of a square which is a legal subdivision of the U.S. Public Land Surveys, which is a governmental quarter-quarter section or lot, and shall be located no closer than 330 feet to any boundary of such unit. The above-mentioned well is located at a Non-Standard Location due to geological reasons.

The Peakview Federal # 3 will be the first well in the dedicated 40 acre spacing unit. The main target for the Peakview Federal # 3 well is the "Peakview Channel" (PC). The PC is located in the Middle Brushy Canyon (MBC) formation of the Permian age Delaware Mountain Group. Reservoirs in the Delaware Group are typically comprised of basinal sands in regional north to south submarine fan environments. In the Cabin Lake/Peakview area, the MBC reservoir has a channel form geometry. Seismic mapping has identified the general shape and orientation of the PC (Figure 1). Geological mapping based upon subsurface control (thickness of the PC) and the seismic map (shape and orientation) has resulted in an isopach map of the PC (Figure 2). As Figure 2 shows, the Peakview Federal # 1 well encountered the PC, but at a more channel edge setting than the James A # 9. Cumulative production for the Peakview Federal # 1 is 82 MBO 150 MMCF 568 MBW (1992-p) while the James A # 9 has 138 MBO 192 MMCF 323 MBW (1993-p) and the James A # 8 has 155 MBO 178 MMCF 794 MBW (1990-p). The Peakview Federal # 3 is located in non-standard locations in order to optimize the thickness and quality of the Peakview Channel sands encountered.

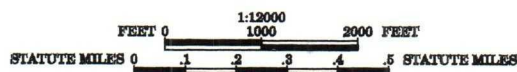
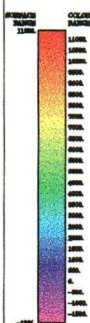
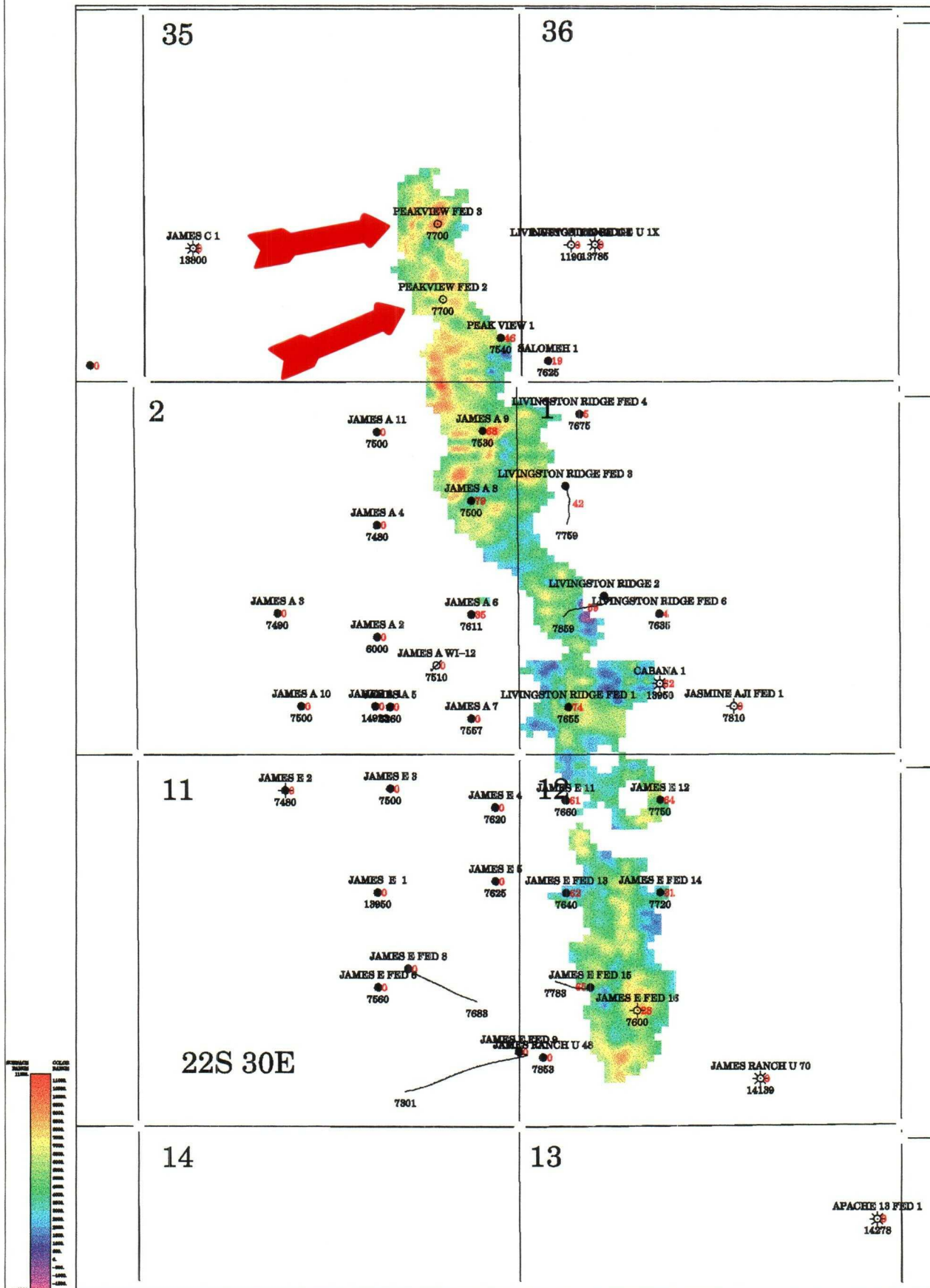
There is no offset operator.

ConocoPhillips respectfully requests that a non-standard location for the Cabin Lake (Delaware) Pool be issued for the referenced well for the reasons cited above. If there are any questions concerning this application, please feel free to call me at (832) 486-2329 or by email at [yolanda.perez@conocophillips.com](mailto:yolanda.perez@conocophillips.com).

Sincerely,

Yolanda Perez  
Sr. Regulatory Analyst  
Mid America Business Unit

nawilike\_132254 nawilike@howl 28-Jan-2004 13:58  
USERNAME

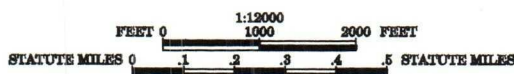


**ConocoPhillips**

Cabin Lake - FIGURE 1  
Peakview Channel Amplitude (colorfill)  
Isopach over 14% DPHI (red #)

DATE	DATE	DATE
28-Jan-2004		

nawilke\_132523 nawilke@howl 28-Jan-2004 13:58



Cabin Lake – FIGURE 2  
Peakview Channel Net  
Isopach over 14% DPHI  
C.I. = 20'

STATE	COUNTY	NAME	DATE
	Nate Wilkes	28	JAN-2004
DESCRIPTION			



Lon: 103°52'30.35"W

Lon: 103°49'35.28"W

Lat: 32°27'31.00"N

Lat: 32°27'30.33"N

27

26

25

34

35

PEAKVIEW  
FEDERAL #3

36

PEAKVIEW FEDERAL #2

CLACO OIL COMPANY  
SALOMEH

James A Lease

Livingston Ridge  
Federal Lease

3

2

1

WI-12

WD-1

Lon: 103°52'31.19"W

Lon: 103°49'36.21"W

ConocoPhillips

Southeast New Mexico

Proposed Location

Peakview Federal #3

T21S - R30E Section 35  
2250 FSL 1175 FEL

⊕ Proposed Location

▲ DELAWARE  
COP Leases

2000 0 2000 Feet



PCG

DISTRICT I  
1825 N. French Dr., Hobbs, NM 88240

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 and Natural Resources Department

Form C-102  
Revised March 17, 1999

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

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, New Mexico 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 8435	Pool Name Cabin Lake (Delaware)
Property Code 31137	Property Name PEAKVIEW FEDERAL	Well Number 3
OGRID No. 217817	Operator Name ConocoPhillips	Elevation 3238'

Surface Location

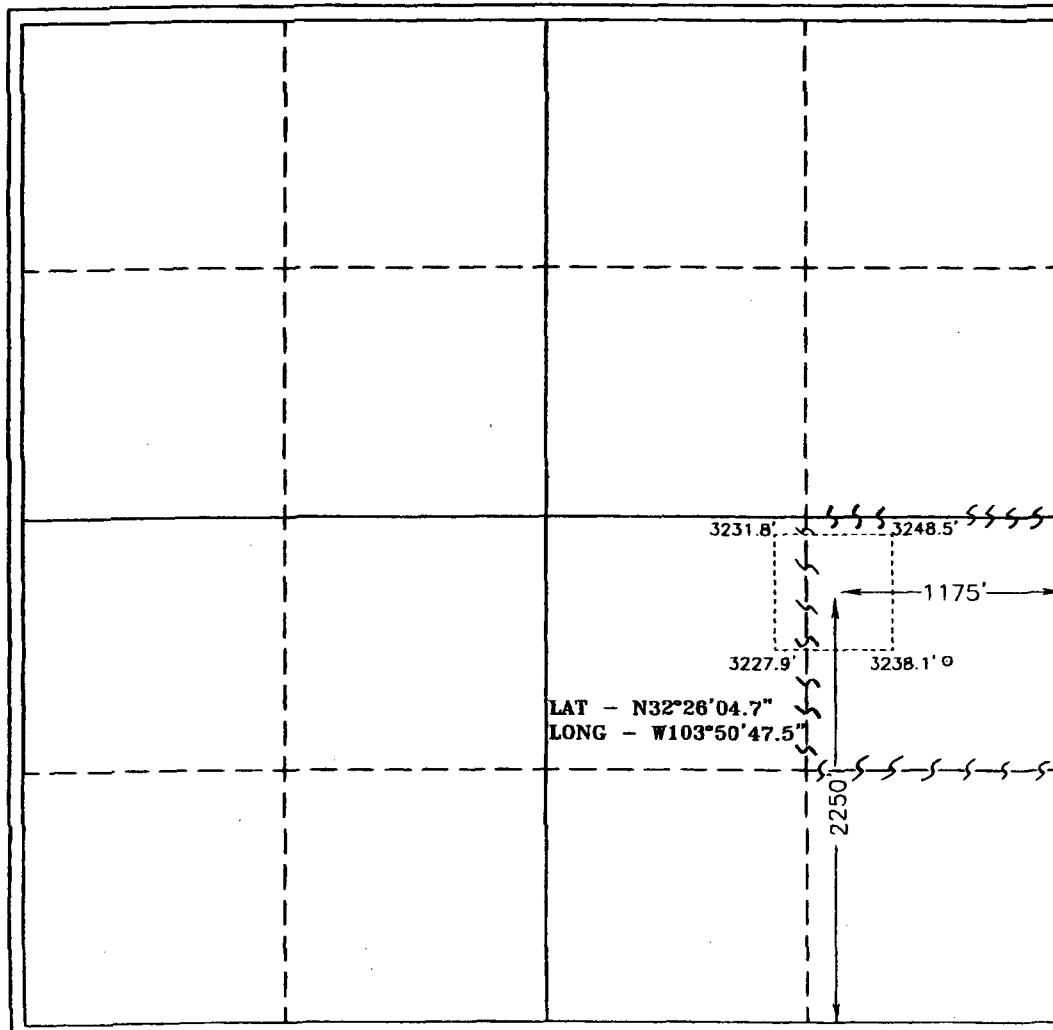
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	35	21 S	30 E		2250	SOUTH	1175	EAST	EDDY

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

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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



OPERATOR CERTIFICATION

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

*Deborah Marberry*  
Signature

Deborah Marberry  
Printed Name

Regulatory Analyst  
Title

03/09/2004  
Date

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.

FEBRUARY 11/04/2004

Date Surveyed

Signature & Seal of  
Professional Surveyor

No. 3992  
Certificate No. 7977

BASIN SURVEYS