

DATE IN 5.23.05	SUSPENSE	ENGINEER Stogner	LOGGED IN 5.23.05	TYPE NSL	APPROVAL Psema0514342134
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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



RECEIVED
MAY 23 2005

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.

Deborah Marberry Deborah Marberry Regulatory Analyst 5/20/05
 Print or Type Name Signature Title Date

deborah.marberry@concedphillips.com
 e-mail Address



ConocoPhillips Company
Deborah Marberry
Regulatory Analyst
Mid-America Business Unit
Lower 48
WL3 - 6108
P.O. Box 2197
Houston, TX 77252
Phone: 832-486-2326
Fax: (832) 486-2764

May 20, 2005

Mr. Michael Stogner
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Application for Non-Standard Location (revised location)
Cabin Lake; Delaware
Peakview Federal # 3
2340' FSL & 1330' FEL (revised)
2250' FSL & 1175' FEL (original)
Section 35, T21S R30E
Eddy County, New Mexico

Mr. Stogner:

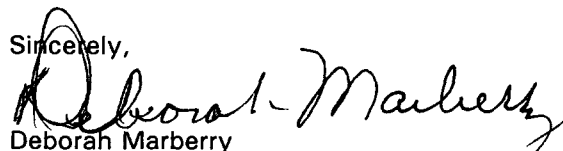
ConocoPhillips received approval for a non-standard location of this well per Administrative Order NSL-5083. We would like to request an amended NSL due to a revised well location.

The geology from our original request remains the same however, maps have been updated with the additional control point of the Peakview #2 and the new location has been moved to the area of the strongest amplitude anomaly. Again, the main target for the Peakview Federal #3 is the Peakview Channel (PC). The PC is part of 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 consists of stacked channels. Seismic mapping and amplitude analysis has identified the general shape and orientation of the PC (Figure 1). Geological mapping of PC thickness based upon subsurface control, including the recently drilled Peakview Federal #2 well, and the seismic map (shape and orientation) has resulted in an isopach map of the PC (Figure 2). Figure 2 shows that the Peakview Federal #1 well encountered the PC at the channel edge, whereas the Peakview Federal #2 and James A #9 wells are positioned in central channel locations. Cumulative production for the James A #9 #1 is 217 MBO 267 MCF 416 MBW, while the Peakview Federal #1 has produced 87 MBO 177 MCF 602 MBW. The Peakview #2 has cumulatively produced 11 MBO 15 MCF and 19 MBW, but this well has only been on production for a few weeks and last tested at 130 BO 276 MCF 98 BW / 24 hrs. The Peakview Federal #3 is located in a non-standard location 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 reasons cited above. If there are any questions concerning this application please feel free to call me at 832-486-2326 or email me at deborah.marberry@conocophillips.com

Sincerely,


Deborah Marberry
Regulatory Analyst

Peakview # 3

Attachments:
Amplitude Map
Isopach Map
Plat

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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code 8435	³ Pool Name CABIN LAKE DELAWARE	
⁴ Property Code 31137	⁵ Property Name PEAKVIEW FEDERAL			⁶ Well Number 3
⁷ OGRID No. 217817	⁸ Operator Name CONOCOPHILLIPS CO.			⁹ Elevation 3238 GL

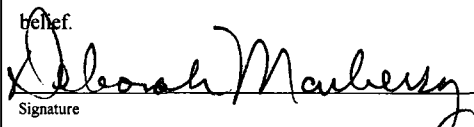
¹⁰Surface Location

UL or lot no. J	Section 35	Township 21S	Range 30E	Lot Idn	Feet from the 2340	North/South line SOUTH	Feet from the 1330	East/West line EAST	County EDDY COUNTY
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¹¹Bottom 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		¹⁴ Consolidation Code		¹⁵ 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

16					¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature DEBORAH MARBERRY Printed Name REGULATORY ANALYST deborah.marberry@conocophillips.com Title and E-mail Address 05/20/2005 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	
					1330' 2340'	

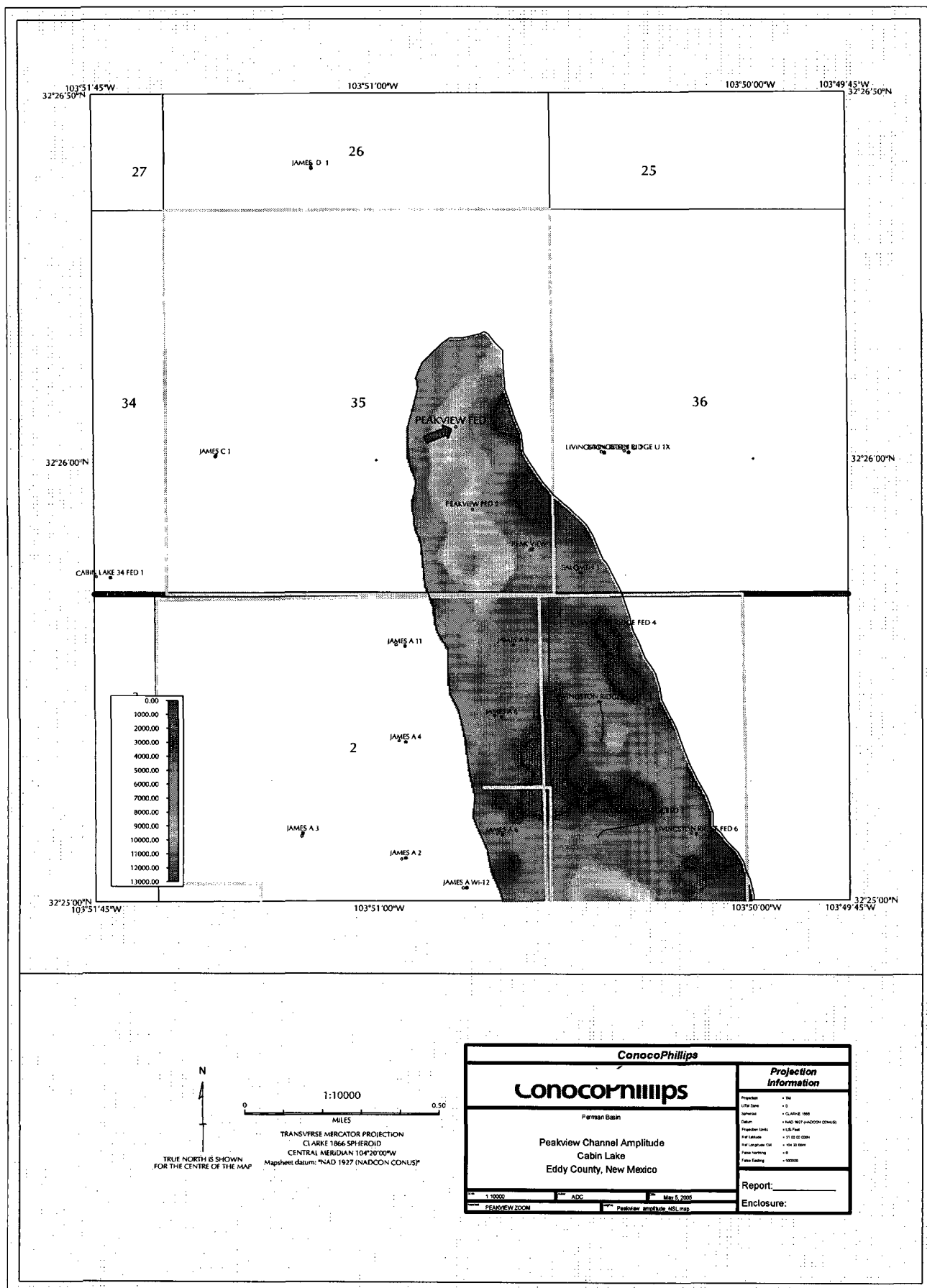


Figure 1. Peakview Amplitude Map

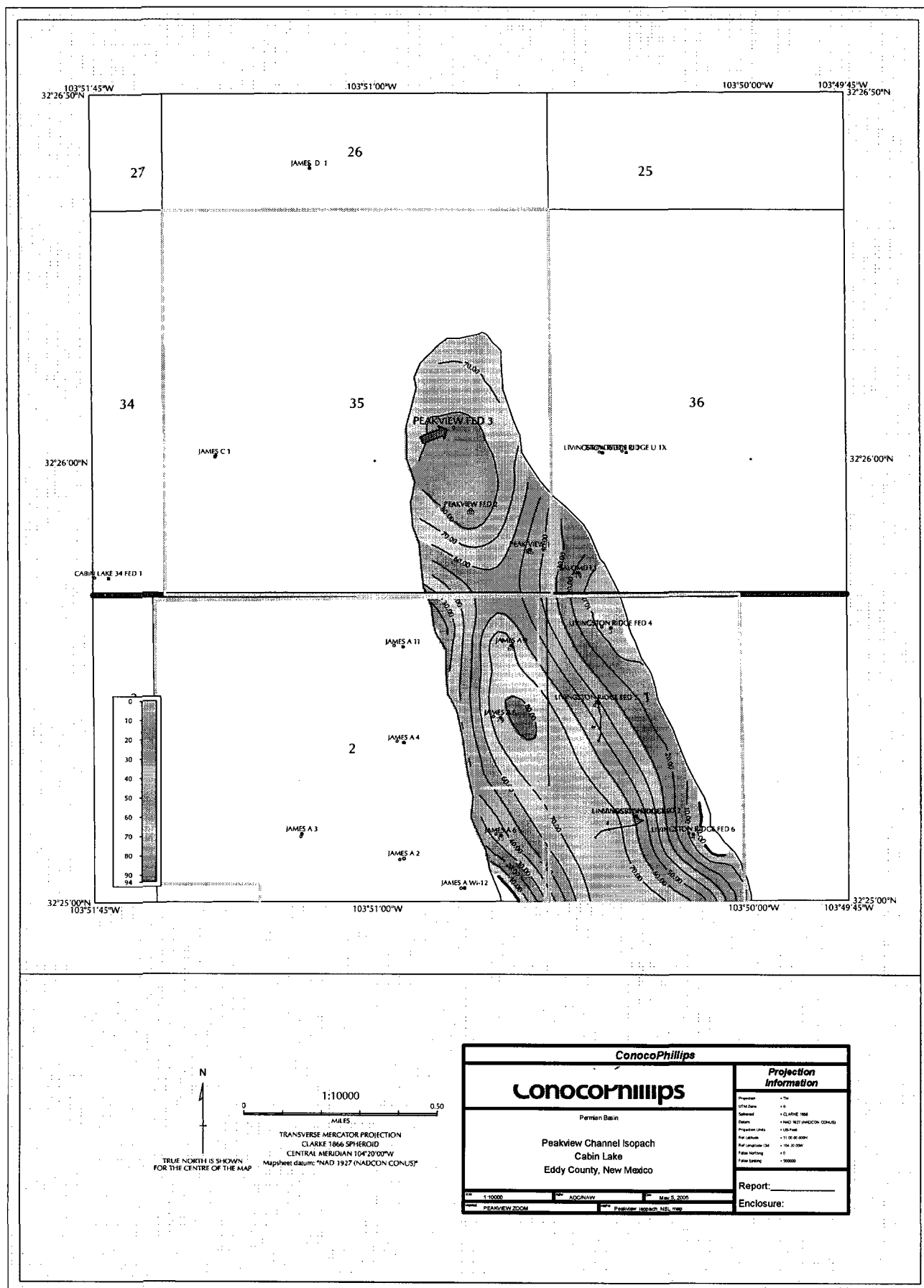


Figure 2. Peakview Isopach Map

County Eddy Pool Cabin Lake Delaware

TOWNSHIP 21 South Range 30 East NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
*					
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Ext. $\frac{SE}{4}$ Sec. 34, $\frac{S}{2}$ Sec. 35, $\frac{SW}{4}$ Sec. 36 (R-9545, 7-1-91)