

10-25-04 DATE IN	SUSPENSE	Jones ENGINEER	10-26-04 LOGGED IN	DHC TYPE	PSEM0430044083 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: - 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 Maeberny
 Print or Type Name

Signature

Regulatory Analyst
 Title

10/20/04
 Date

deborah.maeberny@conophillips.com
 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 DepartmentForm 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

CONOCOPHILLIPS CO.

P.O. BOX 2197 WL3 6108 HOUSTON TX 77252

Operator

Address

HAMILTON

2A

F 30 32N 10W

SAN JUAN

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 217817 Property Code 003188 API No. 30-045-21643 Lease Type: ☐ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	BASIN FRUITLAND COAL		BLANCO MESA VERDE
Pool Code	71629		72319
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2670 - 2890		4448 - 5448
Method of Production (Flowing or Artificial Lift)	expected to flow		flowing
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)	350		450
Oil Gravity or Gas BTU (Degree API or Gas BTU)	900		1150
Producing, Shut-In or New Zone	new zone		producing
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: Rates: attached	Date: Rates:	Date: 09/01/2004 Rates: 180 mcf, 1bopd, 0bwpd
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 subtract % attached %	Oil Gas % %	Oil Gas subtract % attached %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?Yes ☒ No ☐
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 Deborah Marberry TITLE REGULATORY ANALYST DATE 10/06/2004TYPE OR PRINT NAME DEBORAH MARBERRY TELEPHONE NO. () (832)486-2326E-MAIL ADDRESS deborah.marberry@conocophillips.com

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-101
Effective 1-1-74

All distances must be from the outer boundaries of the Section.

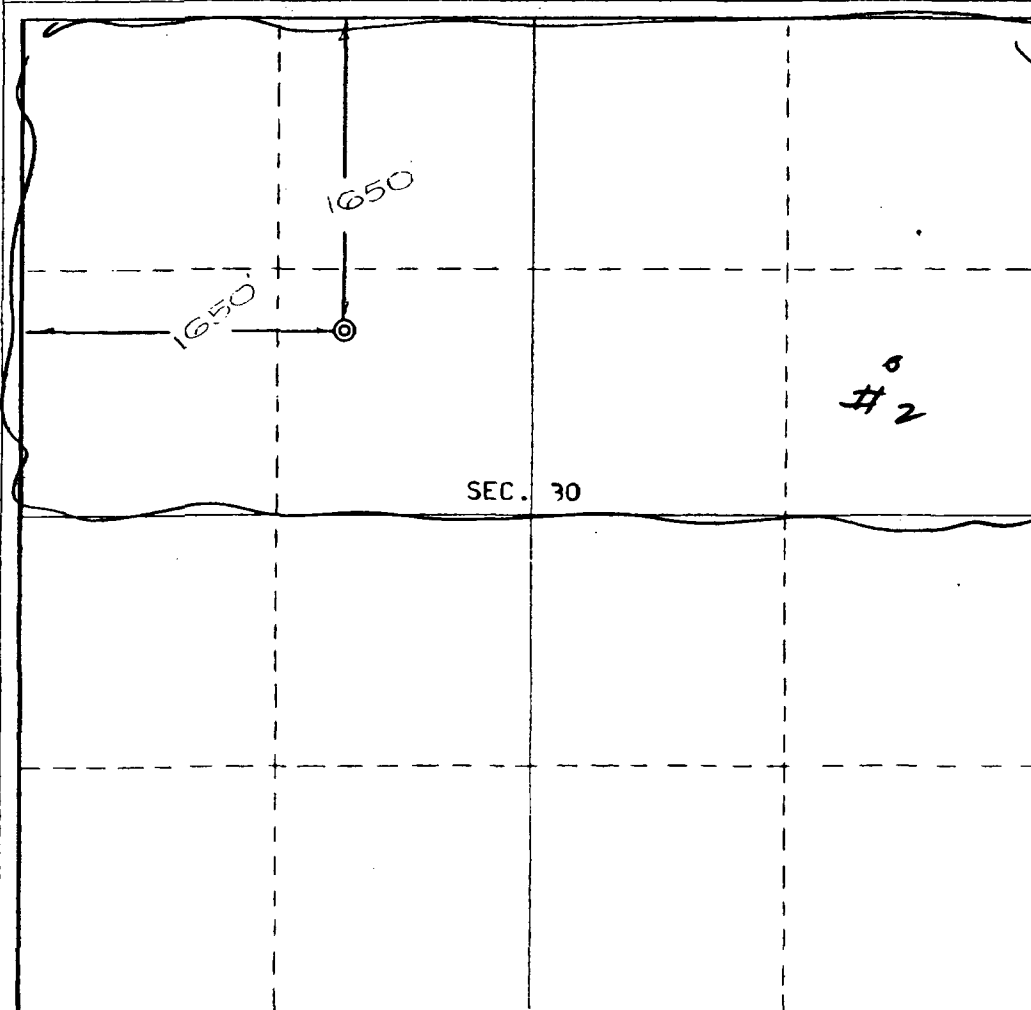
Operator Mesa Petroleum Co.			Lease Hamilton		Well No. 21
Unit Letter F	Section 30	Township 32 North	Range 10 West	County San Juan	
Actual Footage Location of Well: 1650 feet from the North line and 1650 feet from the West line.					
Ground Level Elev. 6115	Producing Formation Mesa Verde	Pool B/2n Co	Dedicated Acreage 327.06		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to work interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

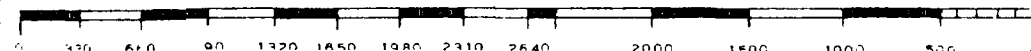
Name: J. L. Parker
 Position: Drilling Foreman
 Company: Mesa Petroleum Co.
 Date: 12-14-74

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date: December 14, 1974

Registration of Professional Information
 to be filed by the surveyor

Signature: E. V. Echolaw
 License No.: 3602
 E. V. Echolaw L.S.



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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 30-045-21643		² Pool Code 71629	³ Pool Name BASIN FRUITLAND COAL
⁴ Property Code 003188	⁵ Property Name HAMILTON		⁶ Well Number 2A
⁷ OGRID No. 217817	⁸ Operator Name CONOCOPHILLIPS CO.		⁹ Elevation

¹⁰Surface Location

UL or lot no. F	Section 30	Township 32N	Range 10W	Lot Idn	Feet from the 1650	North/South line NORTH	Feet from the 1650	East/West line WEST	County SAN JUAN
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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
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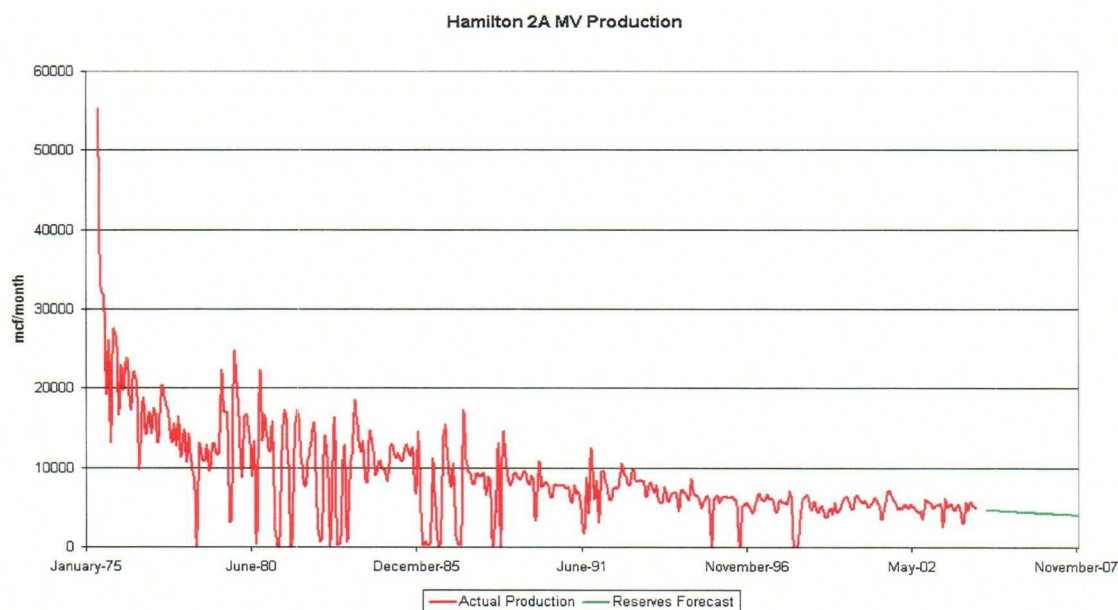
¹² Dedicated Acres 329.06	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ 	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 10/22/2004 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			

Hamilton 2A Subtraction Allocation

Based on the most recent MV production, it is recommended to assign the following monthly volumes to the MV formation for the next 36 months of production. All other production above this volume should be given to the Fruitland Coal. After the allocation runs out, please convert to a ratio allocation method.



(All condensate production should be allocated 100% to the Mesaverde formation)

Monthly MV Forecast (36 months)				
Date	MCF/month		Date	MCF/month
Nov-04	4700		May-06	4360
Dec-04	4680		Jun-06	4342
Jan-05	4661		Jul-06	4323
Feb-05	4641		Aug-06	4305
Mar-05	4622		Sep-06	4288
Apr-05	4603		Oct-06	4270
May-05	4584		Nov-06	4252
Jun-05	4565		Dec-06	4234
Jul-05	4546		Jan-07	4216
Aug-05	4527		Feb-07	4199
Sep-05	4508		Mar-07	4181
Oct-05	4489		Apr-07	4164
Nov-05	4470		May-07	4147
Dec-05	4452		Jun-07	4129
Jan-06	4433		Jul-07	4112
Feb-06	4415		Aug-07	4095
Mar-06	4396		Sep-07	4078
Apr-06	4378		Oct-07	4061