

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 *Deborah Maeberny* Regulatory Analyst 10/20/04
 Print or Type Name Signature Title 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 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

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 MESAVERDE ✓
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: attached Rates:	Date: Rates:	Date: 09/01/2004 Rates: 180 mcf/d, 1bopd, 0bw/d
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? 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 Deborah Marberry TITLE REGULATORY ANALYST DATE 10/06/2004
 TYPE OR PRINT NAME DEBORAH MARBERRY TELEPHONE NO. (_____) (832)486-2326
 E-MAIL ADDRESS deborah.marberry@conocophillips.com

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

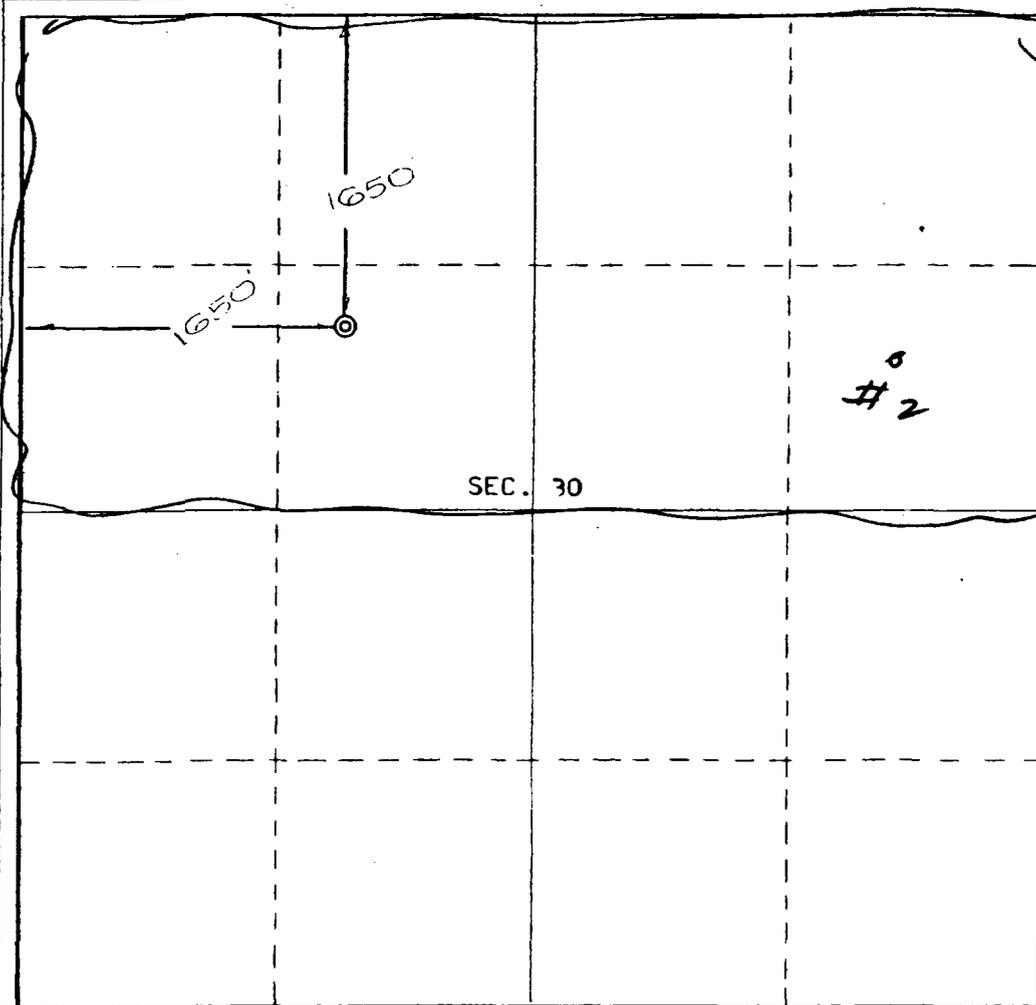
Operator Mesa Petroleum Co.		Lease Hamilton			Well No. 21 21
Unit Letter F	Section 30	Township 32 North	Range 10 West	County San Juan	
Actual Footage Location of Well: 1650 feet from the North line and 1650 feet from the West line.					
Ground Level Elev. 6115	Producing Formation Mesa Verde	Pool B/2n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

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 & Formation
 Company: Mesa Petroleum Co.
 Date: 12-19-74

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

Registered Professional Engineer
 No. 3602

E. V. Echowhawk 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

API Number 30-045-21643		Pool Code 71629		Pool Name BASIN FRUITLAND COAL	
Property Code 003188		Property Name HAMILTON			Well Number 2A
OGRID No. 217817		Operator Name CONOCOPHILLIPS CO.			Elevation

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	30	32N	10W		1650	NORTH	1650	WEST	SAN JUAN

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

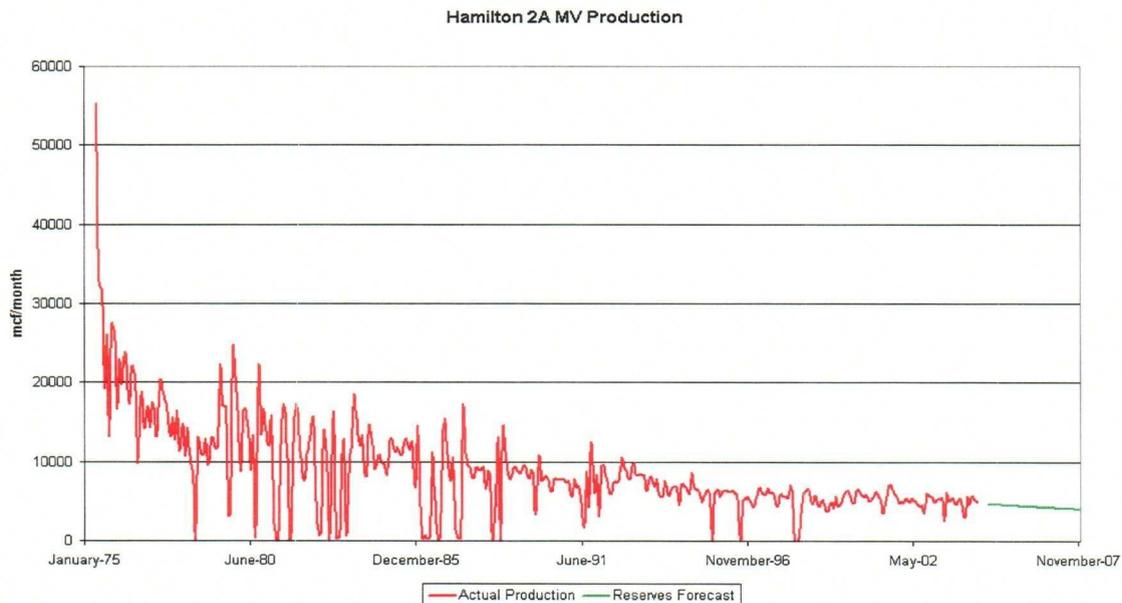
¹² Dedicated Acres 329.06	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>16</p>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Deborah Marberry</i> Signature</p> <p>DEBORAH MARBERRY Printed Name</p> <p>REGULATORY ANALYST deborah.marberry@conocophillips.com Title and E-mail Address</p> <p>10/22/2004 Date</p>

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