

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMSF076554	
2. Name of Operator CONOCOPHILLIPS COMPANY		6. If Indian, Allottee or Tribe Name	
3a. Address P O BOX 2197 WL 6106 HOUSTON, TX 77252		7. If Unit or CA/Agreement, Name and/or No.	
3b. Phone No. (include area code) Ph: 832.486.2326 Fx: 832.486.2764		8. Well Name and No. HAMILTON 2A	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 30 T32N R10W SENW 1650FNL 1650FWL 36.95897 N Lat, 107.92651 W Lon		9. API Well No. 30-045-21643-00-S1	
		10. Field and Pool, or Exploratory BASIN FRUITLAND COAL BLANCO MESAVERDE	
		11. County or Parish, and State SAN JUAN COUNTY, NM	

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)


ConocoPhillips proposes to recompleate this well into the Basin Fruitland Coal and downhole commingle with the Blanco Mesaverde. Attached is our procedure and application to the NMOCD for downhole commingling.

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

DHC 3365

14. I hereby certify that the foregoing is true and correct. Electronic Submission #50380 verified by the BLM Well Information System For CONOCOPHILLIPS COMPANY, sent to the Farmington Committed to AFMSS for processing by MATTHEW HALBERT on 11/18/2004 (05MXH0118SE)	
Name (Printed/Typed) DEBORAH MARBERRY	Title SUBMITTING CONTACT
Signature (Electronic Submission)	Date 10/25/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By 	Title Petr. Eng	Date 11/22/04
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



San Juan Recompletion Procedure

Hamilton #2A

"Our work is never so urgent or important that we cannot take time to do it safely."

Workover Proposal : Recomplete well into the Fruitland Coal and DHC with the Mesa Verde. Produce the well with a pumping-unit.

API: 300452164300

TWN: 32 N **RNG:** 10 W **Section:** 30 **Spot:** F

Lat: 36° 57' 32.292" N **Long:** 107° 55' 35.4" W

KB Elev: 6132.5' **GL Elev:** 6115'

TD: 5500' **PBTD:** 5470'

Current Producing Zones: Mesa Verde

OA perf interval for respective Zones: 4448-4843', 4916-5102', & 5181-5448'

Proposed Completion: Fruitland Coal

Proposed Perf Interval: 2670-2680', 2770-2780', & 2872-2890'

PROCEDURE:

Ensure that well is shut in, energy isolated, locked and tagged out; Cathodic protection disconnected.

1. Notify Operator, Gary Vaughn 505 320-9568.
2. Prepare Location. Test anchors to 10,000 lbs.
3. Hold Safety Meeting.
4. MI & RU WO rig.
5. This well is a Category 2/Class 2 designation. Thus, two untested or one tested barrier will be needed to kill the well. Kill the well with FSW and sting in with a BPV.
6. ND wellhead and NU BOPE. (Refer to COPC well control manual, Sec 6.13 for pressure testing procedure).
7. Remove the BPV and stab landing joint. RIH and tag bottom for fill. POOH w/ tubing. Inspect/drift tubing and replace any bad joints.
8. RIH with CIBP and set in 4.5" 11.6# production hole at 3000'.
9. Load well with 2% KCl.
10. Pressure-test the CIBP/casing to MAXIMUM TREE RATING PRESSURE (generally 3000 psi,. If tree is 5000 psi, only test to 4300 psi.)

Following Highlighted Step is to be conducted by the Completion Engineer's Procedure.

- 11. Install 5000# tree-saver.**
- 12. Perforate selected interval.**
- 13. Fracture stimulate according to Completion Engineer's procedure.**
- 14. Remove 5000# tree-saver.**
15. RIH with tubing and cleanout to CIBP. Land tubing at depth selected between Project Lead and Houston office.
16. Run C-104 allocation test (submitted to Tim Tomberlin, RE, and Debbie Marberry, in the Houston office).
17. Pull tubing assembly out of hole.
18. RIH with mill and cleanout CIBP to PBTD. Pull tubing assembly out of the hole.

Prepare Well to be placed on Pumping-Unit.

19. RIH with mud anchor assembly and 1.78" F-nipple on 2-3/8" tubing as follows to set end of tubing at 5460'.

Bottom to Top

- a. 2-7/8" orange-peeled joint with eight 1/4" x 8" slots cut 2' and 14' below top
 - b. 2-7/8" x 2-3/8" mud anchor
 - c. 2-3/8" x 1.78" x 2-3/8" F-nipple
 - d. 2-38" 4.7# production tubing to surface
20. Set BPV in tubing hanger.
 21. ND BOPE. Install B-1 adapter.
 22. NU new sucker rod wellhead assembly. Pull BPV.
 23. RIH with new 1-1/4" RHAC insert pump on new 3/4" rods with required pony rods to space out pump for a pumping unit stroke length of 64" as follows: (bottom to top)

Rod string assembly to be provided by Gary at Energy pump

24. Load tubing with water and test tubing to 500 psi. Stroke pump to 500 psi with required pony rods to space out pump for a pumping unit stroke length of 54".
25. Install BPV. ND BOPE and NU wellhead. Remove BPV. Pump-out check. If necessary, swab the well to kick-off prior to moving the WO rig. Call operator (Gary Vaughn 505 320-9568) upon completion of work.

26. RD MO rig. NOTIFY regulatory (Patsey or Yolanda or Deb) to inform that work is completed.
27. Turn well over to production.

District I
1625 N. French Press, Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1001 East Drive Road, Artesia, NM 88210
District IV
1220 S. N. French Press, 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 (130 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, 1 bopd, 0 bwpd
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-
Effective 1-1-66

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

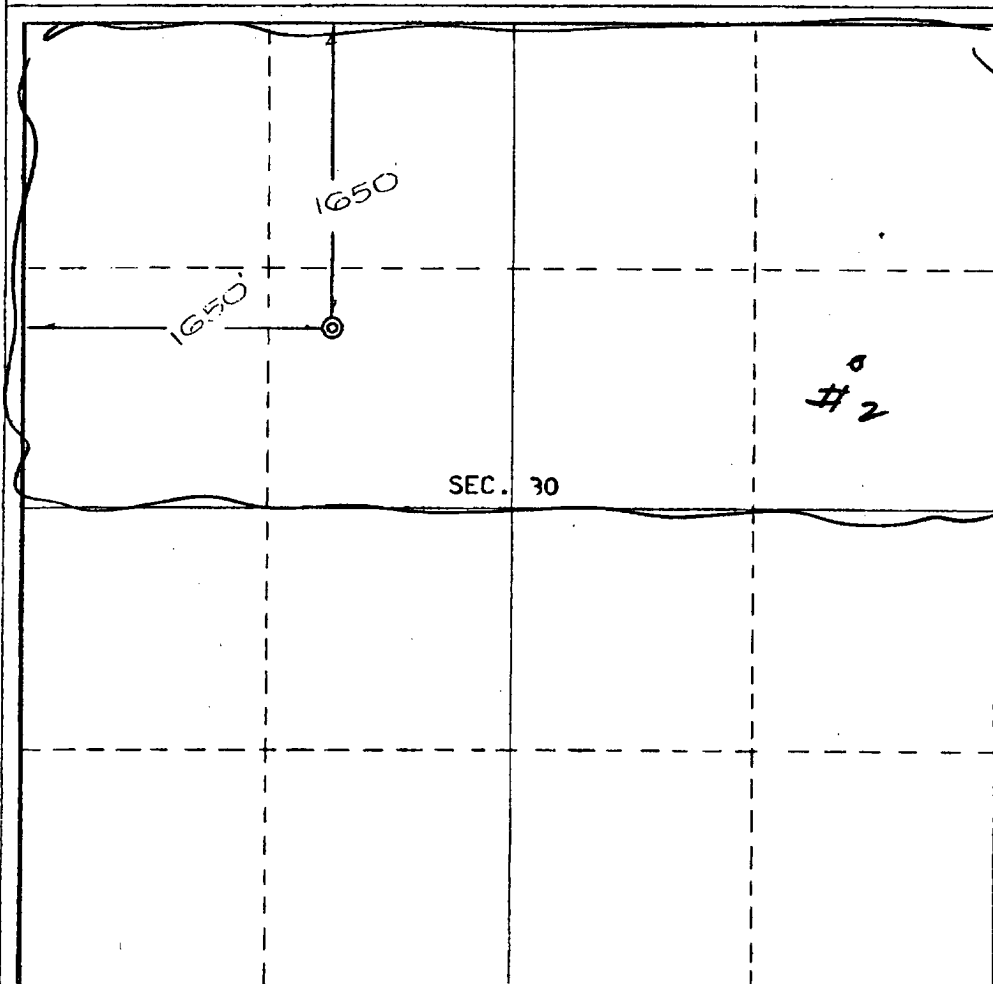
Operator Mesa Petroleum Co.			Lease Hamilton		Well No. 2A
Unit Letter F	Section 30	Township 32 North	Range 10 West	County San Juan	
Actual Footage Location of Well: 1650 feet from the North line and 1650 feet from the West line					
Ground Level Elev. 6115	Producing Formation Mesa Verde	Pool B/2n Co	Estimated Acreage 329.06 Acres		

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 working 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

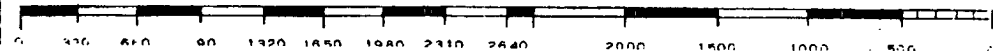
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name *J. L. Parker*
Position *Drilling & Field Mgr.*
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 or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date of Survey *December 14, 1974*
Registered Professional Engineer
No. *12345*

Certification No. *3602*
E.V. Echolaw LS



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**

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

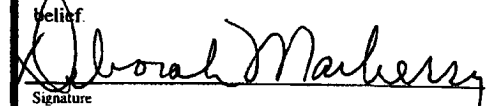
¹⁰Surface Location

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

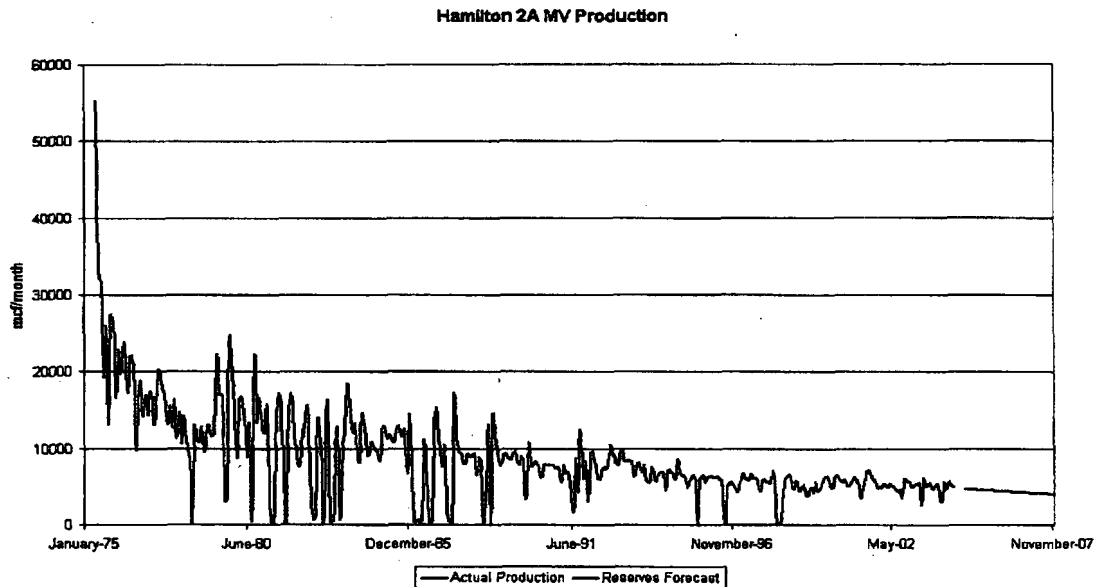
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 329.06		Joint or Infill		Consolidation Code		Order No.			

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

<div style="position: relative; height: 150px;"> <div style="position: absolute; left: 100px; top: 50px; transform: rotate(-90deg);">1650'</div> <div style="position: absolute; left: 100px; top: 100px;">1650'</div> </div>					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