

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANGEMENT

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.

FORM APPROVED
OMB No 1004-0135
Expires November 30, 2000

5 Lease Serial No

NM-03549

6 Allottee or tribe Name

2007 AUG 23

7 If Unit or CA/Agreement, Name and/or No

SUBMIT IN TRIPLICATE - Other instructions on reverse side

RECEIVED
BLM
210 FARMINGTON NM

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

8. Well Name and No.

Gooch 2M

2 Name of Operator

BP America Production Company Attn: Toya Colvin

9. API Well No

30-045-24936

3a. Address

P.O. Box 3092 Houston, TX 77253

3b. Phone No. (include area code)

281-366-7148

10. Field and Pool, or Exploratory Area

Basin Dakota & Blanco Mesaverde & Otero
Chacra

4 Location of Well (Footage, Sec., T., R., M., or Survey Description)

1100' FNL 1800' FWL Sec 29 T28N R08W NENW

11. County or Parish, State

San Juan, NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Water Disposal

☐ Water shut-Off

☐ Well Integrity

☒ Other Trimming

00Describe 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 recompleat 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 recompleat 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

On 8/1/2007 BP requested permission to T&A the DK & MV portion of said well; perforate the Chacra sand and produce Chacra for a period of time. Approval was granted 8/02/07. This work is expected to commence 8/24/07. BP America respectfully requests to Tri-Mingle the above mentioned well with the existing Blanco Mesaverde & Basin Dakota as per the attached procedure.

The interest owners are the same between these three pools, therefore no additional notification is required for DHC approval.

Production is proposed to be allocated based on the subtraction method using the projected future decline for production from both the Dakota & Mesaverde. That production shall serve as a base for production subtracted from the total production for the commingled well. The balance of the production will be attributed to the Chacra. Attached is the future production decline estimates for the DK & MV.

Pre Approved Pools by order R-11363: Blanco-Mesaverde (72319), Basin Dakota (71599) & Otero-Chacra (82329) Pools. Form C-107A is being submitted (copy attached) to NMOCD (Santa Fe) for their approval.

Commingling Production Downhole in the subject well from the proposed Pools will not reduce the value of the total remaining production.

(Chacra plat previously filed)

DHC pending - order not issued
REC'D AUG 24 '07
OIL CONS. DIV.

13. I hereby certify that the foregoing is true and correct

Name (Printed/typed)

Toya Colvin

Title Regulatory Analyst

DIST. 3

Signature

Date 08/17/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Joe Hemmitt

Title GEO

Date 8-23-07

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 FFD

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.

NMOCD

District I
1625 N French Drive Hobbs NM 88240

District II
1301 W Grand Avenue Artesia NM 88210

District III
1000 Rio Bravo 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

BP America Production Company

P.O. Box 3092 Houston, TX 77253

Operator

Address

GOOCH

2M

Unit C Section 29 T28N, R08W

San Juan

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 000778 Property Code 001212 API No. 30-045-24936 Lease Type: X Federal ____ State ____ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Otero Chacra	Blanco Mesaverde	Basin Dakota
Pool Code	82329	72319	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	To Be Determined	4170'- 4720'	6570'- 6708'
Method of Production (Flowing or Artificial Lift)	Artificial Lift	Artificial Lift	Artificial Lift
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)	370	375	375
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1280	1286	1286
Producing, Shut-In or New Zone	New Zone	Producing	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:	Date: Rates:	Date: Rates:
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 % %	Oil Gas % %	Oil Gas % %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes X 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 X No ____

Will commingling decrease the value of production? Yes ____ No X

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 X 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.

RCVD AUG 24 '07
OIL CONS. DIV.
DIST. 3

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 Toya Colvin TITLE Regulatory Analyst DATE 08/17/07

TYPE OR PRINT NAME Toya Colvin TELEPHONE NO. (281) 366-7148

E-MAIL ADDRESS Toya.Colvin@bp.com

Gooch #2M Payadd Procedure

Sec 29, T28N, R8W

API #: 30-045-24936

1. Check anchors. MIRU workover rig.
2. If necessary, kill with 2% KCL water. Nipple down WH. NU BOPs.
3. Tag for fill and tally OH with 2-3/8" production tubing currently set at 6603'. Visually inspect tubing while POOH.
4. TIH with bit and scraper for 4 1/2" casing to 6722'.
5. TIH with tubing-set RBP. Set RBP at 3500'. Load hole with 2% KCL.
6. Pressure test casing to 2500 psi. Unset RBP and POH.
7. RIH with CBP and set at 3500'. Run CBL and perforate using 3-1/8" casing guns (2 SPF 120 deg phasing) with Schlumberger's select-fire charge 3160'-3190' and 3270'-3290'.
8. RU frac equipment. Use Slick Water 2% KCL-N2 foam in fracture stimulation.
9. Frac Chacra according to pump schedule.
10. Flowback frac fluid immediately.
11. TIH with tubing and notched collar. Cleanout fill to 3500'. Blow well dry.
12. Test Chacra Zone for 8 hours.
13. POOH with tubing and pick up bit and drill bridge plug at 3500' and cleanout to PBTD of 6722'.
14. ND BOP's. NU WH. Test well for air. Return well to production. as down hole commingle Dakota, Mesa Verde, and Chacra.

Gooch #2M

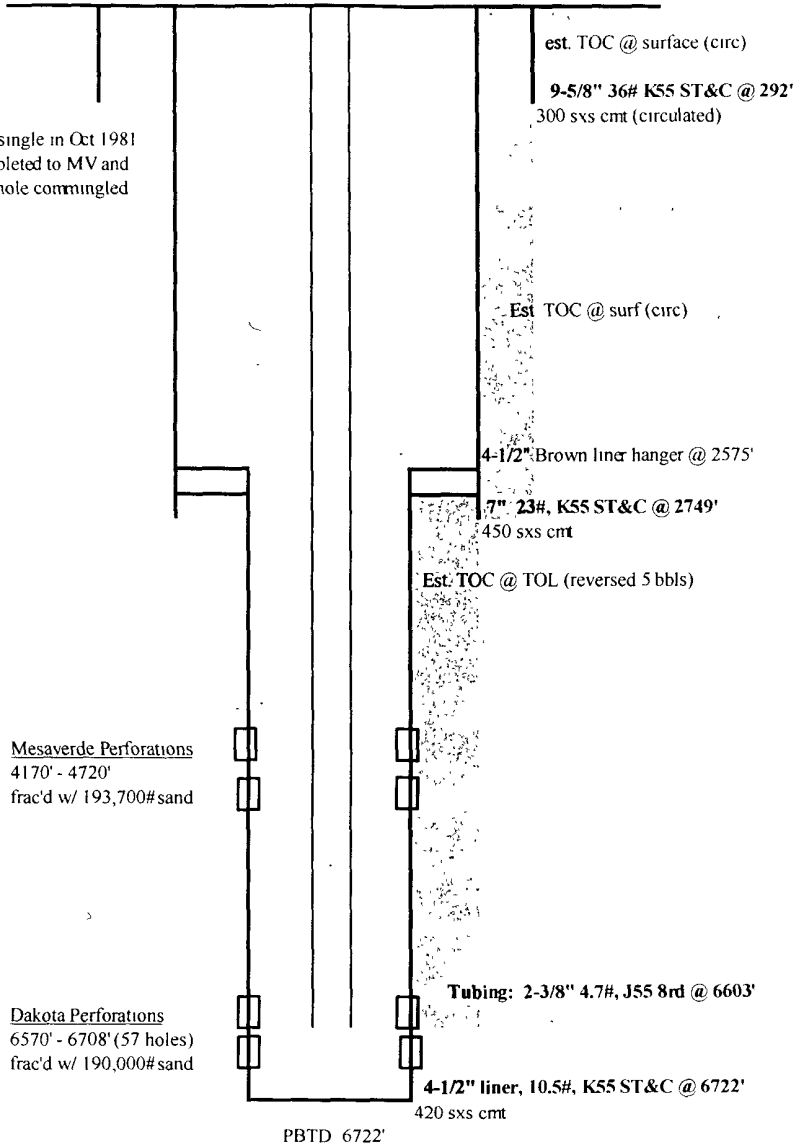
Sec 29, T28N, R8W

API # 30-045-24936

GL 5870'

History

Completed as DK single in Oct 1981
Dec 1994- Recompleted to MV and
downhole commingled



Gooch 2M									
Dakota Formation									
API #	3004524936								
Starting 1/96 thru 3/09									
Exponential Decline									
Qi =	24.4	mcf/d	1-Jan-2007						
Qf =	23.4	mcf/d							
D =	1.78%	per year							
Starting 4/09 thru 08/36									
Exponential Decline									
Qi =	23.4	mcf/d							
Qf =	1.8	mcf/d							
D =	9.00%	per year							
Date	Gas Rate mcf/d	Gas Volume MMSCF	Date	Gas Rate mcf/d	Gas Volume MMSCF	Date	Gas Rate mcf/d	Gas Volume MMSCF	Gas Volume MMSCF
Jan-07	24.38	0.76	Aug-09	22.48	0.70	Mar-12	17.57	0.55	
Feb-07	24.34	0.68	Sep-09	22.30	0.67	Apr-12	17.43	0.52	
Mar-07	24.31	0.75	Oct-09	22.12	0.69	May-12	17.29	0.54	
Apr-07	24.27	0.73	Nov-09	21.95	0.66	Jun-12	17.16	0.52	
May-07	24.23	0.75	Dec-09	21.78	0.68	Jul-12	17.02	0.53	
Jun-07	24.20	0.73	Jan-10	21.60	0.67	Aug-12	16.89	0.52	
Jul-07	24.16	0.75	Feb-10	21.44	0.60	Sep-12	16.76	0.50	
Aug-07	24.12	0.75	Mar-10	21.28	0.66	Oct-12	16.63	0.52	
Sep-07	24.09	0.72	Apr-10	21.11	0.63	Nov-12	16.50	0.50	
Oct-07	24.05	0.75	May-10	20.94	0.65	Dec-12	16.37	0.51	
Nov-07	24.02	0.72	Jun-10	20.78	0.62	Jan-13	16.28	0.51	
Dec-07	23.98	0.74	Jul-10	20.62	0.64	Feb-13	16.16	0.45	
Jan-08	23.88	0.74	Aug-10	20.45	0.63	Mar-13	16.03	0.50	
Feb-08	23.84	0.69	Sep-10	20.29	0.61	Apr-13	15.91	0.48	
Mar-08	23.81	0.74	Oct-10	20.13	0.62	May-13	15.78	0.49	
Apr-08	23.77	0.71	Nov-10	19.98	0.60	Jun-13	15.66	0.47	
May-08	23.74	0.74	Dec-10	19.82	0.61	Jul-13	15.54	0.48	
Jun-08	23.70	0.71	Jan-11	19.66	0.61	Aug-13	15.41	0.48	
Jul-08	23.67	0.73	Feb-11	19.51	0.55	Sep-13	15.29	0.46	
Aug-08	23.63	0.73	Mar-11	19.36	0.60	Oct-13	15.17	0.47	
Sep-08	23.59	0.71	Apr-11	19.21	0.58	Nov-13	15.05	0.45	
Oct-08	23.56	0.73	May-11	19.06	0.59	Dec-13	14.93	0.46	
Nov-08	23.52	0.71	Jun-11	18.91	0.57	Jan-14	14.82	0.46	
Dec-08	23.49	0.73	Jul-11	18.76	0.58	Feb-14	14.70	0.41	
Jan-09	23.52	0.73	Aug-11	18.61	0.58	Mar-14	14.59	0.45	
Feb-09	23.48	0.66	Sep-11	18.47	0.55	Apr-14	14.48	0.43	
Mar-09	23.38	0.73	Oct-11	18.32	0.57	May-14	14.36	0.45	
Apr-09	23.20	0.70	Nov-11	18.18	0.55	Jun-14	14.25	0.43	
May-09	23.02	0.71	Dec-11	18.03	0.56	Jul-14	14.14	0.44	
Jun-09	22.84	0.69	Jan-12	17.84	0.55	Aug-14	14.03	0.44	
Jul-09	22.66	0.70	Feb-12	17.70	0.51	Sep-14	13.92	0.42	

Gooch 2M									
MesaVerde Formation									
API #	3004524936								
Starting 1/96 thru 11/12									
Exponential Decline									
Qi =	93.1	mcf/d	1-Jan-2007						
Qf =	75.0	mcf/d							
D =	3.60%	per year							
Starting 12/12 thru 08/36									
Exponential Decline									
Qi =	75.0	mcf/d							
Qf =	8.0	mcf/d							
D =	9.00%	per year							
	Gas	Rate	Gas		Gas	Gas		Gas	Gas
Date		mcf/d	Volume	Date	Rate	Volume	Date	Rate	Volume
			MMSCF		mcf/d	MMSCF		mcf/d	MMSCF
Jan-07	93.05	2.88	Aug-09	84.64	2.62	Mar-12	76.78	2.38	
Feb-07	92.77	2.60	Sep-09	84.38	2.53	Apr-12	76.55	2.30	
Mar-07	92.50	2.87	Oct-09	84.13	2.61	May-12	76.31	2.37	
Apr-07	92.21	2.77	Nov-09	83.87	2.52	Jun-12	76.08	2.28	
May-07	91.93	2.85	Dec-09	83.61	2.59	Jul-12	75.85	2.35	
Jun-07	91.65	2.75	Jan-10	83.35	2.58	Aug-12	75.61	2.34	
Jul-07	91.37	2.83	Feb-10	83.10	2.33	Sep-12	75.38	2.26	
Aug-07	91.09	2.82	Mar-10	82.86	2.57	Oct-12	75.15	2.33	
Sep-07	90.81	2.72	Apr-10	82.60	2.48	Nov-12	74.92	2.25	
Oct-07	90.53	2.81	May-10	82.35	2.55	Dec-12	74.45	2.31	
Nov-07	90.25	2.71	Jun-10	82.10	2.46	Jan-13	74.06	2.30	
Dec-07	89.98	2.79	Jul-10	81.85	2.54	Feb-13	73.50	2.06	
Jan-08	89.45	2.77	Aug-10	81.59	2.53	Mar-13	72.94	2.26	
Feb-08	89.18	2.59	Sep-10	81.34	2.44	Apr-13	72.37	2.17	
Mar-08	88.91	2.76	Oct-10	81.10	2.51	May-13	71.80	2.23	
Apr-08	88.64	2.66	Nov-10	80.85	2.43	Jun-13	71.24	2.14	
May-08	88.37	2.74	Dec-10	80.60	2.50	Jul-13	70.68	2.19	
Jun-08	88.10	2.64	Jan-11	80.35	2.49	Aug-13	70.12	2.17	
Jul-08	87.83	2.72	Feb-11	80.11	2.24	Sep-13	69.57	2.09	
Aug-08	87.56	2.71	Mar-11	79.87	2.48	Oct-13	69.02	2.14	
Sep-08	87.29	2.62	Apr-11	79.63	2.39	Nov-13	68.48	2.05	
Oct-08	87.03	2.70	May-11	79.39	2.46	Dec-13	67.94	2.11	
Nov-08	86.76	2.60	Jun-11	79.14	2.37	Jan-14	67.40	2.09	
Dec-08	86.50	2.68	Jul-11	78.90	2.45	Feb-14	66.89	1.87	
Jan-09	86.47	2.68	Aug-11	78.66	2.44	Mar-14	66.38	2.06	
Feb-09	86.21	2.41	Sep-11	78.41	2.35	Apr-14	65.86	1.98	
Mar-09	85.95	2.67	Oct-11	78.17	2.42	May-14	65.34	2.03	
Apr-09	85.69	2.57	Nov-11	77.94	2.34	Jun-14	64.83	1.95	
May-09	85.43	2.65	Dec-11	77.70	2.41	Jul-14	64.32	1.99	
Jun-09	85.17	2.56	Jan-12	77.24	2.40	Aug-14	63.81	1.98	
Jul-09	84.91	2.63	Feb-12	77.01	2.23	Sep-14	63.30	1.90	