

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 July 31, 2010

5. Lease Serial No.

SF - 08390

6. If Indian, Allottee or tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

MAR 16 2009

8. Well Name and No

Hughes Com 5E

2. Name of Operator

BP America Production Company

Attn: Cherry Hlava

Bureau of Land Management
Farmington Field Office

9. API Well No.

30-045-25563

3a. Address

P.O. Box 3092 Houston, TX 77253

3b. Phone No. (include area code)

281-366-4081

10. Field and Pool, or Exploratory Area

Basin Dakota, MV & Otero Chacra

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

1120' FSL & 850' FWL Sec. 10 T28N, R08W

11. County or Parish, State

San Juan County, New Mexico

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

TYPE OF SUBMISSION

☒ 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

TYPE OF ACTION

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Water Disposal

☐ Water shut-Off

☐ Well Integrity

☐ Other **Add CH & Tri-Mingle**

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 recomple 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 recompletion 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.

BP respectfully requests permission to perforate in the Chacra, formation & downhole Tri-mingle with the existing Dakota & Mesaverde formation.

The Basin Dakota (71599) Blanco Mesaverde (72319) & Chacra (82329) Pools are Pre-Approved for Downhole Commingling per NMOCID Order R - 11363. **The working & overriding interest owners are not the same in the proposed commingled pools; therefore notification of this application is required. Notification was send certified return receipt on 3/02/09. There were no objections.**

NMOCID Santa Fe office has been notified

Production is proposed to be based on a subtraction method, using the projected future decline for production from the Dakota & MV pools. This 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.

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

14. I hereby certify that the foregoing is true and correct
Name (Printed/typed)

Cherry Hlava

Title **Regulatory Analyst**

RCVD MAR 17 '09
OIL CONS. DIV.

Signature *Cherry Hlava*

Date **03/02/2009**

DIST. 3

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by **Original Signed: Stephen Mason**

Title

Date

MAR 16 2009

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.

Hughes COM 5E
Tri-Mingle Procedure
Sec 10, T28N, R8W
API #: 30-045-25563

Objective of Work:

The Hughes COM 5E is currently a down hole commingled well Dakota and Mesa Verde.

1. Complete well in Chacra and the casing frac in two (2) stages
2. Flow back and test Chacra and then clean out bridge plugs to Dakota perforations and Tri-Mingle well, DK, Mesa Verde, and Chacra.

Simplified Work Procedure:

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 6791'. Visually inspect tubing while POOH.
4. TIH with bit and scraper for 4 1/2" casing to 4000'.
5. TIH set CIBP at 4000' and test casing to 3000 psi.
6. Run RST log from 4000' to top of liner
7. Perforate Chacra B using 3-1/8" casing guns loaded with HEG charges. Chacra B depth of perforations will be pending interpretation of RST.
8. RU frac equipment. Use Slick Water 2% KCL Water and fracture stimulate the Chacra B for Stage 1
9. Perforate Chacra A using 3-1/8" casing guns loaded with HEG charges. Chacra A depth of perforations will be pending interpretation of RST.
10. RU frac equipment. Use Slick Water 2% KCL Water and fracture stimulate the Chacra A for Stage 2
11. TIH with tubing and notched collar. Cleanout fill and unload Stage 2 frac. Blow well dry.
12. TIH with bit for 4 1/2' liner and drill out bridge plug between Stage 1 and Stage 2.
13. Test Point Chacra for 8 hours.
14. Drill out bridge plug at 4000' over the original completion intervals
15. Clean out well to PBTD 7060'

16. Run 2 3/8" completion tubing at 6900'

17. ND BOP's. NU WH. Test well for air. Return well to production. as down hole commingle Dakota, Mesa Verde and Chacra completion.

Prepared by:

Richard W. Pomrenke

Completions Engineer
BP America Company

Hughes Com #5E

Sec 10, T28N R8W

API: 30-045-25563

GL: 6043'

History:

6-1/4" OH drilled with air
without problems

Completed in 2/84

MV recomplete 1/02

est. TOC @ surface (circ)

9-5/8" 36#, K55 ST&C @ 324'

200 sxs cmt (circulated)

TOC est @ 150' (temp surv)

DV tool @ 1862'

2nd stage: 225 sxs cmt

TOC unknown

4-1/2" liner hanger @ 2978'

7" 23#, S95 LT&C @ 3150'

1st stage: 200 sxs cmt

Mesa Verde Completion

4190-4456' Frac'd w/ 82,295# 16/30

4526-4959' Frac'd w/ 80,680# 16/30

est. TOC at liner top (reversed 20 bbls)

Dakota Completion

6814' - 6824' 2 spf

6898' - 6910' 2 spf

6938' - 6942' 2 spf

6996' - 7000' 2 spf

7028' - 7040' 2 spf

Tubing: 2-3/8" 4.7#, J55 @ 6791'

4-1/2" liner, 11.0#, K55 ST&C 7060'

433 sacks cmt

PBTD: 7060'

Notes:

- Reversed 20 bbls cmt off 4-1/2" liner top
- Good circulation throughout cmt job

updated: 3/21/07 ADB

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

Form C-102
Permit 58595

WELL LOCATION AND ACREAGE DEDICATION PLAT

5F-078390

1. API Number <i>30-045-25563</i>	2. Pool Code 82329	3. Pool Name OTERO CHACRA (GAS)
4. Property Code 700	5. Property Name HUGHES COM	6. Well No. 005E
7. OGRID No. 778	8. Operator Name BP AMERICA PRODUCTION COMPANY	9. Elevation 6043

10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	10	28N	08W		1120	S	850	W	SAN JUAN

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres <i>147.6</i>		13. Joint or Infill		14. Consolidation Code <i>DK R-1814 MV R-401</i>		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

	OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> E-Signed By: <i>Cherry Hlavac</i> Title: <i>Regulatory Analyst</i> Date: <i>2-25-09</i>
	SURVEYOR CERTIFICATION <i>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.</i> Surveyed By: <i>Previously Filed Fred B Kerr</i> Date of Survey: <i>9/8/1982</i> Certificate Number: <i>3950</i>

Chacra 5/2 5/10

DISTRICT I
P.O. Box 1989, Hobbs, NM 88240
DISTRICT II
311 South First, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87505

Form C-102
Revised October 18, 1984
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-26563	Pool Code 71599 & 72319	Pool Name Basin Dakota & Blanco Mosavardo
Property Code 000700	Property Name Hughes Corn	Well Number 5E
GRID No 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation

Surface Location

CL or lot no UNIT M	Section 10	Township 28N	Range 8W	Lot Idn	Feet from the 1120'	North/South Line SOUTH	Feet from the 850'	East/West Line WEST	County San Juan
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Bottom Hole Location If Different From Surface

CL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
Dec 203.84 MV	OK	Joint or Infill I	Consolidation Code	Order No. N 1814 -- Ref: 13,146.0 AK - R 401 - Dec 14, 1995					

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

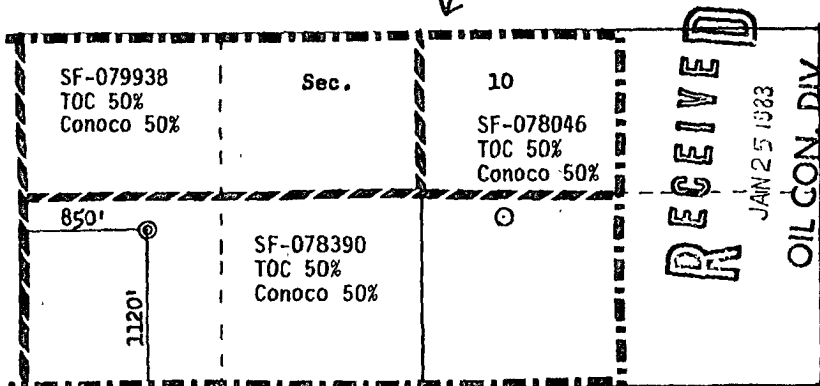
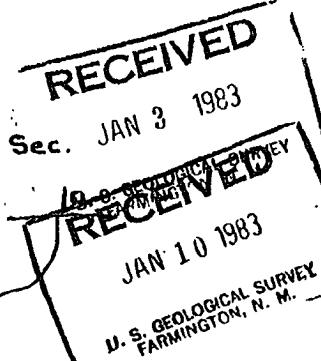
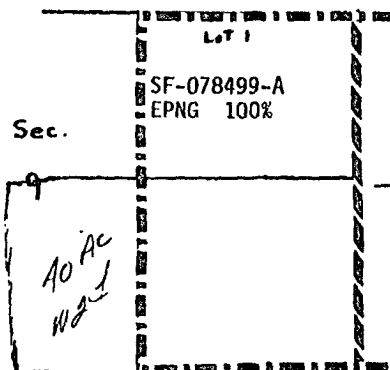
SEC 9

SEC 10

SEC 9	SEC 10	OPERATOR CERTIFICATION	
		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
lot 1	850'	Signature Mary Corley	
		Printed Name Mary Corley	
1120'	850'	Position Sr. Regulatory Analyst	
		Date 09/28/2000	
		SURVEY 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 knowledge and belief.	
		Date of Survey 08/08/1982	
		Signature & Seal of Professional Surveyor Frod B Kerr Jr	
		Certificate No 3950	

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

Operator TENNECO OIL COMPANY			Lease HUGHES COM		Well No. 5E
Unit Letter M	Section 10	Township T28N	Range R8W	County San Juan	
Actual Footage Location of Well: 1120 feet from the South line and 850 feet from the West line					
Ground Level Elev. 6043	Producing Formation Dakota		Pool Basin Dakota	Dedicated Acreage: 335.11 Acres	
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 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 <u>Communitization</u> 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.					



Scale: 1"=1000'

CERTIFICATION

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

Ken Russell

Name
Ken Russell
Position
Sr. Production Analyst
Company
Tenneco Oil Co.
Date
November 15, 1982

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 Surveyed
September 8, 1982
Registered Professional Engineer and Land Surveyor
Fred B. Kerr Jr.
Certificate No.
3950

Hughes Com 5E												
Dakota Formation												
API #	3004525563		DAILY									
Starting 6/02 thru 12/11												
Exponential Decline												
Qi =	138.17	mcf/d	1-Nov-2008									
Qf =	75.00	mcf/d										
D =	5.75%	per year										
Starting 1/12 thru 3/43												
Exponential Decline												
Qi =	75.00	mcf/d										
Qf =	8.00	mcf/d										
D =	9.00%	per year										

Hughes Com 5E											
MesaVerde Formation											
API #	3004525563		DAILY								
Starting 6/02 thru 12/11											
Exponential Decline											
Qi =	46.27	mcf/d	1-Nov-2008								
Qf =	38.41	mcf/d									
D =	5.71%	per year	DAILY								
Starting 1/12 thru 3/43											
Exponential Decline											
Qi =	38.41	mcf/d									
Qf =	2.03	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	Date	Gas Rate mcf/d	Gas Volume MMSCF
Nov-08	46	1	Mar-12	38	1	Jul-15	28	1	Nov-18	20	1
Dec-08	46	1	Apr-12	37	1	Aug-15	27	1	Dec-18	20	1
Jan-09	46	1	May-12	37	1	Sep-15	27	1	Jan-19	20	1
Feb-09	46	1	Jun-12	37	1	Oct-15	27	1	Feb-19	20	1
Mar-09	45	1	Jul-12	36	1	Nov-15	27	1	Mar-19	19	1
Apr-09	45	1	Aug-12	36	1	Dec-15	26	1	Apr-19	19	1
May-09	45	1	Sep-12	36	1	Jan-16	26	1	May-19	19	1
Jun-09	45	1	Oct-12	36	1	Feb-16	26	1	Jun-19	19	1
Jul-09	44	1	Nov-12	35	1	Mar-16	26	1	Jul-19	19	1
Aug-09	44	1	Dec-12	35	1	Apr-16	26	1	Aug-19	19	1
Sep-09	44	1	Jan-13	35	1	May-16	25	1	Sep-19	19	1
Oct-09	44	1	Feb-13	35	1	Jun-16	25	1	Oct-19	18	1
Nov-09	44	1	Mar-13	34	1	Jul-16	25	1	Nov-19	18	1
Dec-09	43	1	Apr-13	34	1	Aug-16	25	1	Dec-19	18	1
Jan-10	43	1	May-13	34	1	Sep-16	25	1	Jan-20	18	1
Feb-10	43	1	Jun-13	34	1	Oct-16	24	1	Feb-20	18	1
Mar-10	43	1	Jul-13	33	1	Nov-16	24	1	Mar-20	18	1
Apr-10	43	1	Aug-13	33	1	Dec-16	24	1	Apr-20	18	1
May-10	42	1	Sep-13	33	1	Jan-17	24	1	May-20	17	1
Jun-10	42	1	Oct-13	32	1	Feb-17	24	1	Jun-20	17	1
Jul-10	42	1	Nov-13	32	1	Mar-17	24	1	Jul-20	17	1
Aug-10	42	1	Dec-13	32	1	Apr-17	23	1	Aug-20	17	1
Sep-10	41	1	Jan-14	32	1	May-17	23	1	Sep-20	17	1
Oct-10	41	1	Feb-14	31	1	Jun-17	23	1	Oct-20	17	1
Nov-10	41	1	Mar-14	31	1	Jul-17	23	1	Nov-20	17	0
Dec-10	41	1	Apr-14	31	1	Aug-17	23	1	Dec-20	16	1
Jan-11	41	1	May-14	31	1	Sep-17	22	1	Jan-21	16	1
Feb-11	40	1	Jun-14	30	1	Oct-17	22	1	Feb-21	16	0
Mar-11	40	1	Jul-14	30	1	Nov-17	22	1	Mar-21	16	1
Apr-11	40	1	Aug-14	30	1	Dec-17	22	1	Apr-21	16	0
May-11	40	1	Sep-14	30	1	Jan-18	22	1	May-21	16	0
Jun-11	40	1	Oct-14	30	1	Feb-18	22	1	Jun-21	16	0
Jul-11	39	1	Nov-14	29	1	Mar-18	21	1	Jul-21	16	0
Aug-11	39	1	Dec-14	29	1	Apr-18	21	1	Aug-21	16	0
Sep-11	39	1	Jan-15	29	1	May-18	21	1	Sep-21	15	0
Oct-11	39	1	Feb-15	29	1	Jun-18	21	1	Oct-21	15	0
Nov-11	39	1	Mar-15	28	1	Jul-18	21	1	Nov-21	15	0
Dec-11	39	1	Apr-15	28	1	Aug-18	21	1	Dec-21	15	0
Jan-12	38	1	May-15	28	1	Sep-18	20	1	Jan-22	15	0
Feb-12	38	1	Jun-15	28	1	Oct-18	20	1	Feb-22	15	0

BONANZA CREEK MINERALS LLC
ATTN: RICHARD HUGHES MANAGER
2321 CANDELARIA NW
ALBUQUERQUE, NM 87107

Hughes Com 5E
30-045-25563
Notified 3/3/09

BRIAN D GIBSON
66 C ARROYO HONDO TRAIL
SANTA FE, NM 87508

BURLINGTON RESOURCES OIL AND GAS CO
22295 NETWORK PLACE
CHICAGO, IL 60673-1222

DOROTHY B HUGHES , REV LIVING TR
SUZY SARNA SUCCESSOR TRUSTEE
U/T DATED 05-17-1991
303 MISTY CREEK LN
PORT ANGELES, WA 98363-9762

ELIZABETH H WHITE , FAMILY TRUST
LINDA PAYNE, TRUSTEE
PO BOX 780099
DALLAS, TX 75378-0099

EMILY B HUGHES
PO BOX 1497
RATON, NM 87740-1497

GIBSON FAMILY TRUST
JAFFA D WAHLBERT &
GEORGE ANNE SCHARHAG CO-TRUSTEES
P O BOX 546
TESUQUE, NM 87574

GURDON RANSON MILLER III
704 CANYON CREST
SIERRA MADRE, CA 91024

H LIMITED PARTNERSHIP
PO BOX 2185
SANTA FE, NM 87504-2185

HANSON MCBRIDE PETROLEUM COMPANY
PO BOX 1515
ROSWELL, NM 88202-1515

HOWELL TRUST DTD NOV 1 1999
CATHERINE A HOWELL TSTEE
432 RALEIGH ST
DENVER, CO 80204-4724

LELAND PRICE INC
1511 NORTHGATE PL
ARTESIA, NM 88210

MABEL GLENN HAM , REVOCABLE TRUST
KATHLYN NORA BLACK TRUSTEE
PO BOX 15040
SANTA FE, NM 87592

MAX DON SHIELDS
PO BOX 35927
DALLAS, TX 75235-9998

MCLISH RESOURCES LP LLP
633 17TH ST SUITE 1650
DENVER, CO 80202-3660

MINERALS MANAGEMENT SERVICE
PO BOX 5810 TA
DENVER, CO 80217-5810

PAUL SLAYTON
PO BOX 2035
ROSWELL, NM 88202-2035

PAULA JILL SHIELDS PURTEE
PO BOX 2069
TAOS, NM 87571-2069

REX JON SHIELDS
500 N MICHIGAN NO 3
WINFIELD, KS 67156