OATE	0/8/05 SUSPENSE WYDER DITCHOSES68 PWVJ9529/47683
	ABOVE THIS LINE FOR DIVISION USE ONLY NEW MEXICO OIL CONSERVATION DIVISION - Engineering Bureau -
	ADMINISTRATIVE APPLICATION COVERSHEET
Applie	THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES of Sections cation Acronyms: [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location] [DD-Directional Drilling] [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] Hobbs [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 - Directional Drilling Image:
	Check One Only for [B] and [C] □ [B] Commingling - Storage - Measurement □ [B] DHC CTB PLC PC OLS OLM [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery □ WFX PMX SWD IPI EOR PPR
[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,
[3]	[E] Waivers are Attached INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Δ

Alva Franco	alles Ananco	Regulatory Specialist
Print or Type Name	Signature	Title

1

<u>9/29/05</u> Date

District I

District II

1301 W. Grand Avenue, Artesia, NM 88210

25 N. French Drive, Hobbs, NM 88240

District III

District IV

State of New Mexico Energy, Minerals and Natural Resources Department

nend Revised June 10, 2003

Oil Conservation Division

1220 South St. Francis Dr. Santa Fe, New Mexico 87505 APPLICATION TYPE <u>X</u> Single Well <u>X</u> Establish Pre-Approved Pools EXISTING WELLBORE <u>X</u> Yes <u>No</u>

1220 S. St. Francis Dr., Santa Fe, NM 87505	APPLICATION FOR DOWNHOLE COMMINGLING X Yes No				
		DHC-3568	\sum		
ConocoPhillips Company		4001 Penbrook St. Odessa, TX 79762			
Operator		Address			
Britt B	20	4001 Penbrook St. L-10-205-37e	Lea		
Lease	Well No.	Unit Letter-Section-Township-Range	County		
010010					

OGRID No. 217817 Property Code 02999 API No. 30-025-20299 Lease Type: X Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE		
Pool Name	Monument Paddock OIL	Weir Blinebry on	Monument Tubb OIL		
Pool Code	47080	63780	47090		
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5170' - 5220'	5688' - 5892'	6345' - 6462'		
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)	1150	500	500 Wed 121314 157		
Oil Gravity or Gas BTU (Degree API or Gas BTU)	39	40	39 Mar 15		
Producing, Shut-In or New Zone	Producing	Producing	Producing St.		
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: 08/31/2005 Rates:12/63/2	Date: 08/31/2005 Rates: 2/5/2	Date: 08/31/2005 Rates: 0/1/0		
Fixed Allocation Percentage (Note: If allocation is based upon something other	Oil Gas	Oil Gas	Oil Gas		
than current or past production, supporting data or explanation will be required.)	86 % 20 %	14 % 1 %	0 % 1 %		

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 <u>X</u> No Yes <u>X</u> No
Are all produced fluids from all commingled zones compatible with each other?	YesX_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?	YesX_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.

Bottomhole pressure data.		
I hereby certify that the information above is true and complete the	o the best of my knowledge and beli	ef.
SIGNATURE (lew Manco	Regulatory Specialist	DATE09/29/2005
TYPE OR PRINT NAME Alva Franco	TELEPHONE NO. () (432)368-1665
E-MAIL ADDRESS alva.franco@conocophillips.com		

District I 625 N. French Drive, Hobbs, NM 88240

District II

District III 1000 Rio Brazos Road, Aztec, NM 87410

1220 S. St. Francis Dr., Santa Fe, NM 87505

District IV

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 FOR DOWNHOLE COMMINGLING

APPLICATION TYPE <u>X</u> Single Well <u>X</u> Establish Pre-Approved Pools EXISTING WELLBORE <u>X</u> Yes <u>No</u>

ConocoPhillips Company		4001 Penbrook St. Odessa, TX 79762		
Operator		Address		
Britt B	20	4001 Penbrook St.	Lea	
Lease	Well No.	Unit Letter-Section-Township-Range	County	

OGRID No. 217817 Property Code 02999 API No. 30-025-20299 Lease Type: X Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	W.Fir Drinkard ôv		
Pool Code	57000 6384DV		
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6608' - 6648'		
Method of Production (Flowing or 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)	500		12345676 1077 PD
Oil Gravity or Gas BTU (Degree API or Gas BTU)		/.	ad 5
Producing, Shut-In or New Zone	To be completed	· · · · · · · · · · · · · · · · · · ·	6177
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production	Date: 08/31/2005	Date:	Dates 202 ET
estimates and supporting data.)	Rates:0/250/0	Rates:	Rates:
Fixed Allocation Percentage (Note: If allocation is based upon something other	Oil Gas	Oil Gas	Oil Gas
than current or past production, supporting data or explanation will be required.)	0 % 78 %	% %	% %

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 Yes	_X_No _X_No	
Are all produced fluids from all commingled zones compatible with each other?	Yes	<u>X</u> 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	<u>X</u> 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 inform	nation above is true and complete to t	he best of my knowledge and belief.
$\int \int d$	mation above is true and complete to the h	

SIGNATURE (Iluen Manco

TITLE Regulatory Specialist

TELEPHONE NO. (____

_DATE_09/29/2005

<u>) (432)368-1665</u>

TYPE OR PRINT NAME Alva Franco

E-MAIL ADDRESS alva.franco@conocophillips.com

*	
District I	
1625 N. French Dr., Hobbs, NM 88240	Energy Mi
District II	Energy, Mi
1301 W. Grand Avenue, Artesia, NM 88210	OILO
District III	1
1000 Rio Brazos Rd., Aztec, NM 87410	1
District IV	
1220 S. St. Francis Dr., Santa Fe, NM 87505	

2

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

30-025-2029	API Number 19	r	47	['] Pool Code 47080 Moumnet Paddock ['] Pool Name					
[•] Property Code 02999 Britt B					' Property]	Name		20	Well Number
' OGRID N	ło.				' Operator)	Name			'Elevation
217817		Conoc	oPhillips Co	mpany					
					¹⁰ Surface	Location			
UL or lot no.	Section	Township	o Range	e Lot Idi	Feet from the	North/South line	Feet from the	East/West line	County
L	10	20S	37E		1880	South	330	West	Lea
			¹¹ E	Bottom H	Iole Location	If Different Fi	com Surface		
UL or lot no.	Section	Township				North/South line	Feet from the	East/West line	County
<u></u>								1	
¹² Dedicated Acres	" Joint of	Infill	" Consolidation	Code " C	Order No.		•	<u> </u>	
40				Ì					

16	12 13 13 13 12 13 12 13 12 13 12 13 12 13 12 13 12 13 13 13 12 13 13 13 13 13 13 13 13 13 13 13 13 13	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein i true and complete to the best of my knowledge and belief. Signature
	1,133,52,565	Alva Franco Printed Name Regulatory Specialist <u>alva.franco@conocophillips.com</u> Title and E-mail Address <u>09/29/2005</u> Date
3301		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.
0881		Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

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	Energy, Minerals & OIL CONSEI 1220 Sou	of New Mexico Natural Resources Department RVATION DIVISION 1th St. Francis Dr. Fe, NM 87505	Form C-102 Revised June 10, 2003 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies
1220 S. St. Francis Dr., Santa Fe, NM 87505			□ AMENDED REPORT
W	ELL LOCATION AND	ACREAGE DEDICATIO	N PLAT
' API Number 30-025-20209	² Pool Code 63780		Pool Name

8

40 ac

50-025 2025			05	700	1 1	Difficulty					
⁴ Property C	ode				' Property N	Name			۴.	Well Number	
002999		Britt B							20		
OGRID N	١o.				[•] Operator 1	Name				'Elevation	
217817		Conoc	oPhillips Co	mpany					3555'		
					¹⁰ Surface	Location					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East	/West line		County
L	10	20S	37E		1880'	South	330'	West		Lea	
			¹¹ E	ottom H	ole Location	If Different Fr	om Surface				
UL or lot no.	Section	Townshi			Feet from the	North/South line	Feet from the	East	/West line		County
" Dedicated Acres	" Joint of	Infill	" Consolidation	Code " Or	der No.						

16	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein true and complete to the best of my knowledge and belief. Junco Signature
	Alva Franco Printed Name Regulatory Specialist <u>alva.franco@conocophillips.com</u> Title and E-mail Address <u>09/29/2005</u> 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

District I 1625 N. French Dr., Hobbs, N. District II 1301 W. Grand Avenue, Artes District III 1000 Rio Brazos Rd., Aztec, N District IV 1220 S. St. Francis Dr., Santa	ia, NM 88210 IM 87410	Energy, Minerals & OIL CONSE 1220 So Santa	of New Mexico 2 Natural Resources Department ERVATION DIVISION outh St. Francis Dr. a Fe, NM 87505 D ACREAGE DEDICATION	Submit to Appropria State Fee AME	Form C-102 ed June 10, 2003 te District Office Lease - 4 Copies Lease - 3 Copies NDED REPORT
' API Numb 30-025-20299		³ Pool Code 47090	' Po Monument Tubb	ol Name	
[•] Property Code 02999 [•] OGRID No.	Britt B		Property Name Operator Name	20	ell Number

ConocoPhillips Company

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217817

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					¹⁰ Surface	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line		County
L	10	20S	37E		1880	South	330	West	Lea	
			¹¹ B	ottom H	ole Location	If Different Fr	om Surface	·		
III or lot no	Section	Tourshin	Panaa	L ot Idn	East from the	North/South line	East from the	East/West line		County

UL or lot no.	Seculor	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres	" Joint or	Infill "	Consolidation (Code ¹⁵ Or	rder No.				
80									

16		¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein i
		true and complete to the best of my knowledge and
		belief Alus Anarco Signature
		Alva Franco
		Printed Name Regulatory Specialist
		alva.franco@conocophillips.com
		09/29/2005 Date
	ı.	
		¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat
3301		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:
		Signature and Sear OF FIOLESSIONAL SULVEYOF.
88		
r 🕺 🚶		
		Certificate Number
K K K		

District I					State of Ne	w Mexico				For	m C-102
1625 N. French Dr District_IL	., Hobbs, NM	1 88240	E	nergy, Mi	nerals & Natur	al Resources Dep	artment		Rev	ised June	10, 2003
1301 W. Grand Av	venue, Artesia	a, NM 88210		OIL (CONSERVA	TION DIVISI	ON ¹	Submit to .	Appropri	ate Distric	t Office
District JIL						t. Francis Dr.			Stat	e Lease - 4	4 Copies
1000 Rio Brazos R	d., Aztec, NI	M 87410		1					Fe	e Lease - 3	3 Copies
District IV					Santa Fe, N	NM 87505		-			
1220 S. St. Francis	Dr., Santa F	e, NM 87505						L		ENDED R	EPORT
		Y	VELL LO	OCATIC	N AND AC	RFAGE DED	ICATION PL	AT			
	API Number	г		² Pool Cod	Son U	7.en	' Pool Na				
30-025-202	99 		C=\$70	<u>00</u> D	3040 5	kaggs Drinkard			<u>. </u>		
⁴ Property (Code				' Property 1	Name				Well Numbe	r
02999		Britt B							20		
' OGRID	No.				¹ Operator 1	Name				'Elevation	
217817		ConocoPh	uillips Con	npany							
					¹⁰ Surface	Location					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	Eas	t/West line		County
L	10	20S	37E		1880	South	330	West		Lea	
				ottom H	ole Location	If Different Fr	om 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	" Joint or	r Infill " C	Consolidation C	Code " Oi	rder No.						
200 92	4						·····				

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16			¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein i
			true and complete to the best of my knowledge and
			belief. Alue Inanco Signature
			Alva Franco
			Printed Name Regulatory Specialist
			alva.franco@conocophillips.com
			09/29/2005
			Date
			¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat
330'			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.
	}		and concer to the best of my benci.
			Date of Survey
	*		Signature and Seal of Professional Surveyor:
80	k l		
	X		Certificate Number
1} - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	++ ++ ++ ++ ++ ++ ++ ++ ++ ++ ++ ++ ++ 	<u>_,</u>]

September 29, 2005

Britt B 20 Section 10, T-20-S, R-37-E, L 330 FWL & 1880 FSL API #30-025-20299 Currently Commingled well Paddock, Blinebry, & Tubb (Weir Blinebry)

RE: Application (C-107A) to Re-complete this well in the Drinkard and commingle with the Blinebry reservoir.

Notificaiton of Offset Operators:

John H. Hendrix P. O. Box 3040 Midland, Texas 79702-3040

Guy Petroleum 600 Las Colinas Blvd E Ste 1200 Irving, Texas 75039-5611

Marathon Oil Company P. O. Box 552 Midland, Texas 79702

Chevron U.S.A.,Inc. Claydesta Plaza, 15 Smith Rd Midland, Texas 79705

	SENM1			Description				Cor	Commingled Test	Test	Days		Allocated Test	ed Test	
Facility		Well	Pool	Pool	Days	31	0ii	oil	Water	Gas	Not	DOWN	HOLE CON	DOWN HOLE COMMINGLED	SBMG
<u>_</u>	Lease	° Ž	No. Code	Code	Mo.	Dav	, Y	Test	Test	Test	Prod.	OIL O	WTR	GAS	Feet of Fluid Above Pump
1878017	BRITT -B	8	UAT	Monume	8	Γ	8	15.0	5.0	68.0		12.3		62.8	
1878017	BRITT -B	2	CZN	20 CZN Weir Blinebry	8	5	8					2.4	2.4	4.7	
1878017	BRITT -B	20	VdΧ	20 XPV Monument Tubb	08	01	05					0.3	0.3	0.5	
1878017	BRITT -B	28	VРХ	28 XPV Monument Tubb	88	03	05	2.0	21.0	225.0		0.4	0.4	5.3	0
1878017	BRITT -B	28	GOJ	28 GOJ Weir Drinkard	08	03	05				i	1.6	20.6	219.8	
1878017	BRITT -B	32	GOJ	32 GOJ Weir Drinkard	80	20	05	64.0	71.0	240.0		49.9	55.4	139.2	180
1878017	BRITT -B	32	CZN	32 CZN Weir Blinebry	08	20	05					14.1	15.6	100.8	

• .

1878017	1878017 BRITT -B	28	ХРV	28 XPV Monument Tubb	08	03	05	2.0	21.0	225.0	ö	0.4	0.4 5.3	
1878017	1878017 BRITT -B	28	GOJ	28 GOJ Weir Drinkard	08	03	05				-	1.6 20	20.6 219.8	
1878017	1878017 BRITT -B	32	GOJ	32 GOJ Weir Drinkard	08	20	05	64.0	71.0	240.0	49.9		55.4 139.2	18(
1878017	1878017 BRITT -B	32	CZN	32 CZN Weir Blinebry	08	20	05				14.1	1 15.6	.6 100.8	

Tests above show:

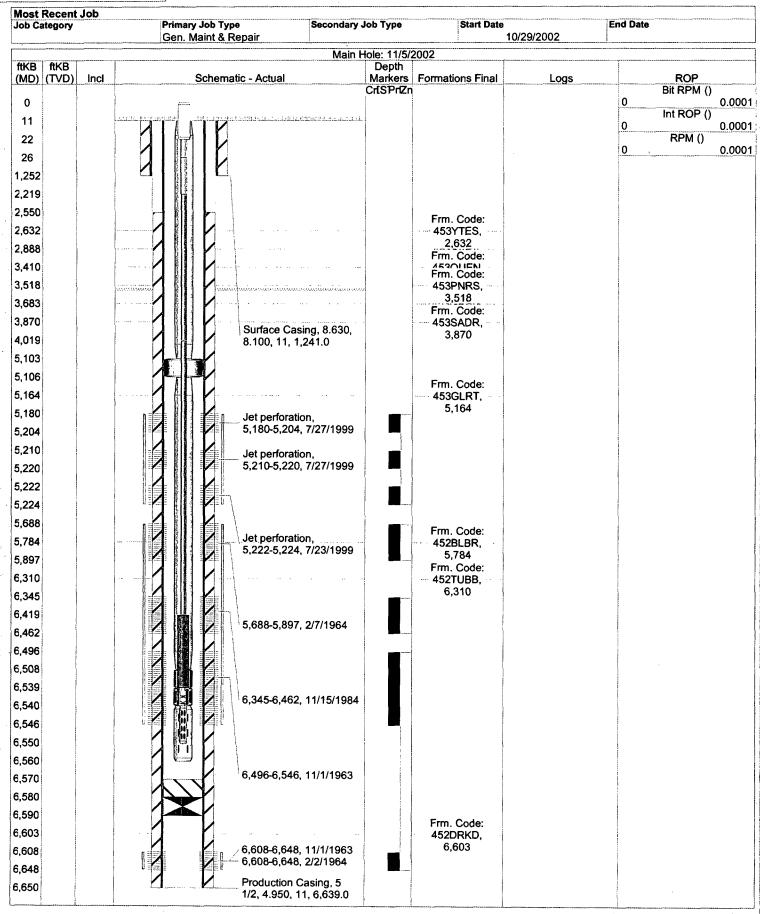
1) the Britt B 20 can be pumped down with the current Monument Paddock, Weir Blinebry, & Monument Tubb commingle. 2) that where we have the Weir Drinkard commingled with either the Weir Blinebry or the Monument Tubb, we are able to keep the wells pumped down to prevent crossflow.

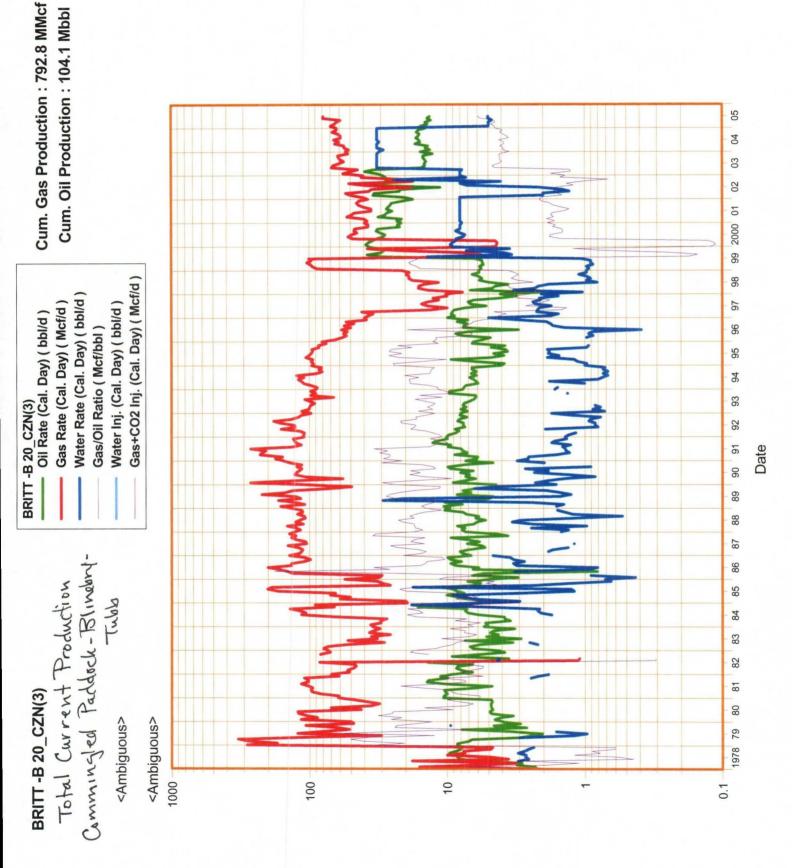
existing commingled producing intervals in the Britt B 20, production for the Weir Drinkard will be allocated by the pressure since the initial test in 1964. Commingling the Weir Drinkard with the existing commingled zones in the Estimated Drinkard production based on these offsets should be between 200 to 300 MCFPD. Initial test of the Britt B 20 should not cause crossflow or damage to the existing zones. Because there is a recent test for the Drinkard in the Britt B 20 was approximately 1 MMCFPD; however these offsets have depleted the Drinkard subtraction method.

ConocoPhillips

Schematic - Current

BRITT B 20



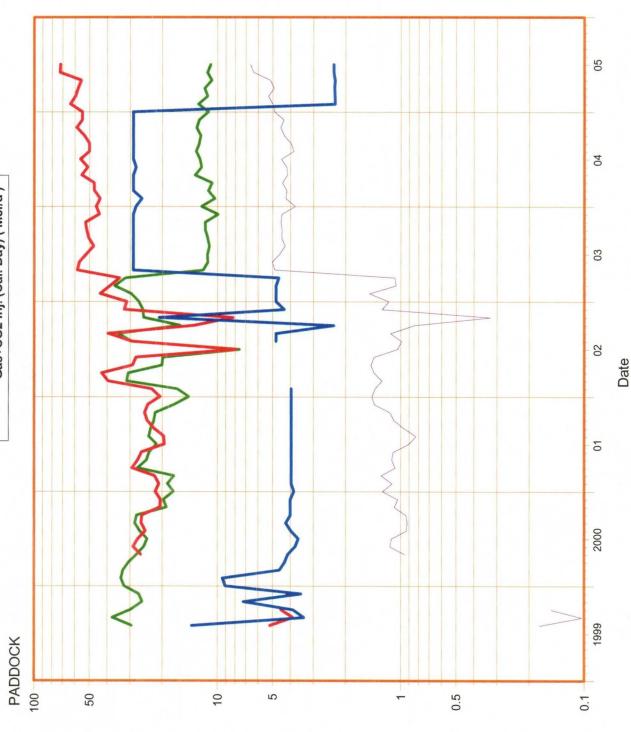


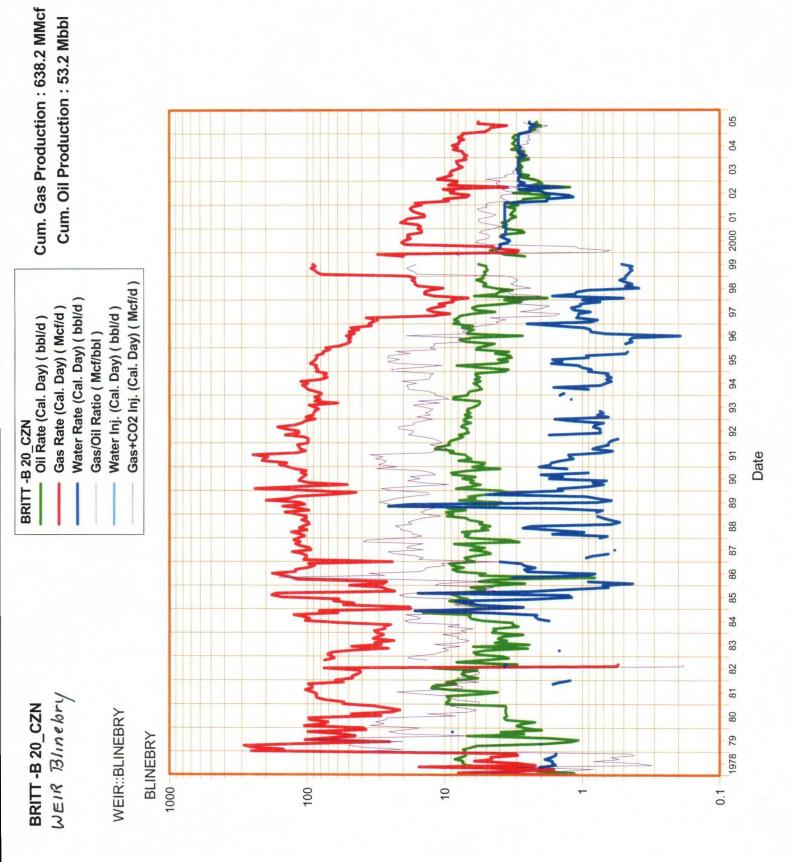
BRITT -B 20_UAT Мони мЕNT РАDDOCK

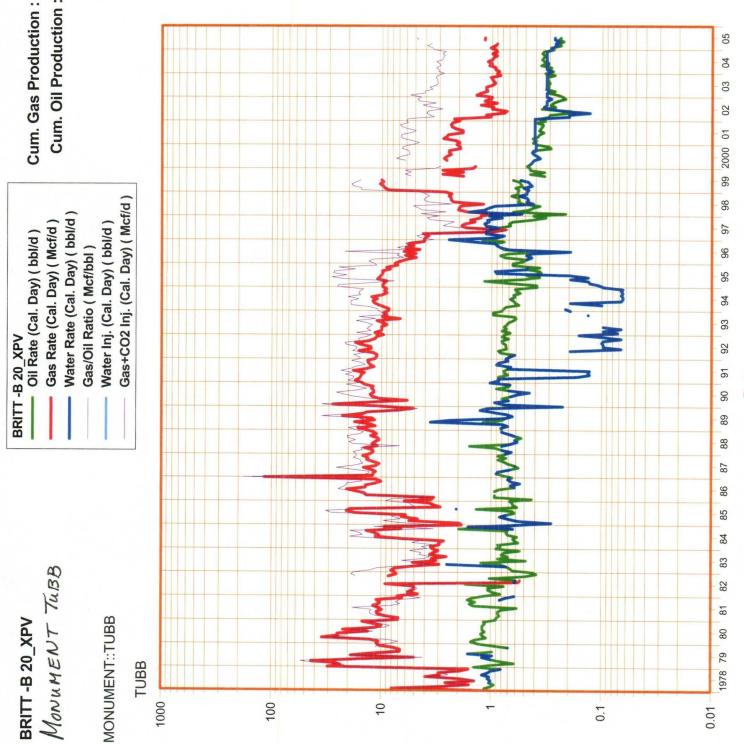
BRITT -B 20_UAT Oil Rate (Cal. Day) (bbl/d) Gas Rate (Cal. Day) (Mcf/d) Water Rate (Cal. Day) (bbl/d) Gas/Oil Ratio (Mcf/bbl) Water Inj. (Cal. Day) (bbl/d) Gas+CO2 Inj. (Cal. Day) (Mcf/d)

Cum. Gas Production : 73.7 MMcf Cum. Oil Production : 44.0 Mbbl









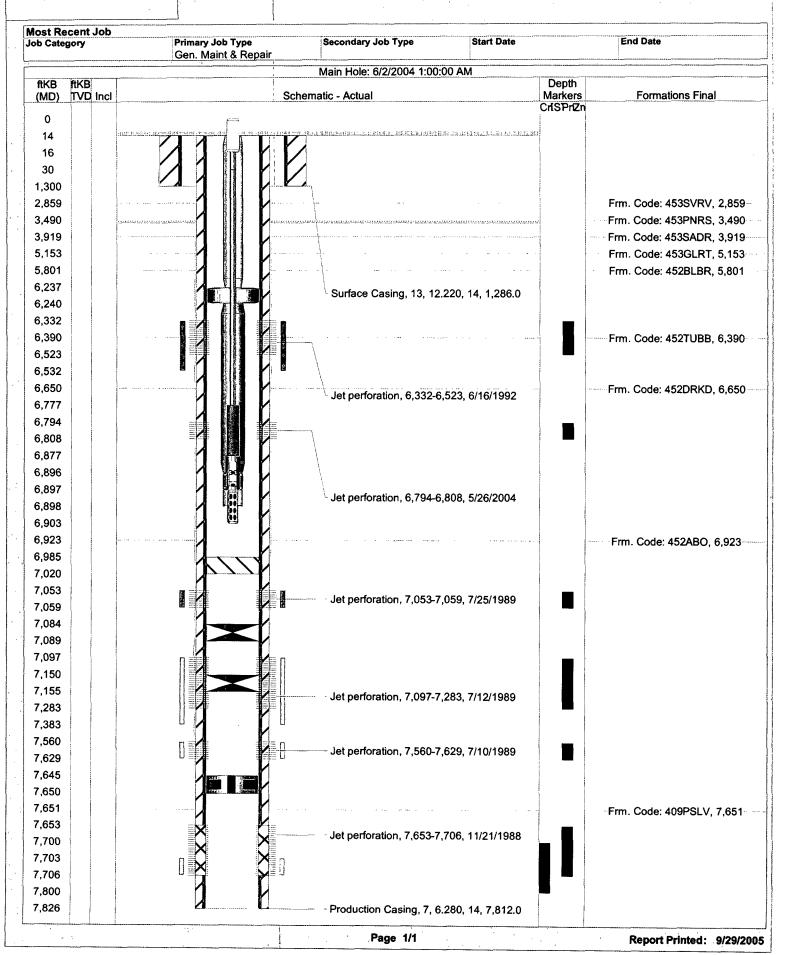
Cum. Gas Production : 81.0 MMcf Cum. Oil Production : 7.0 Mbbl

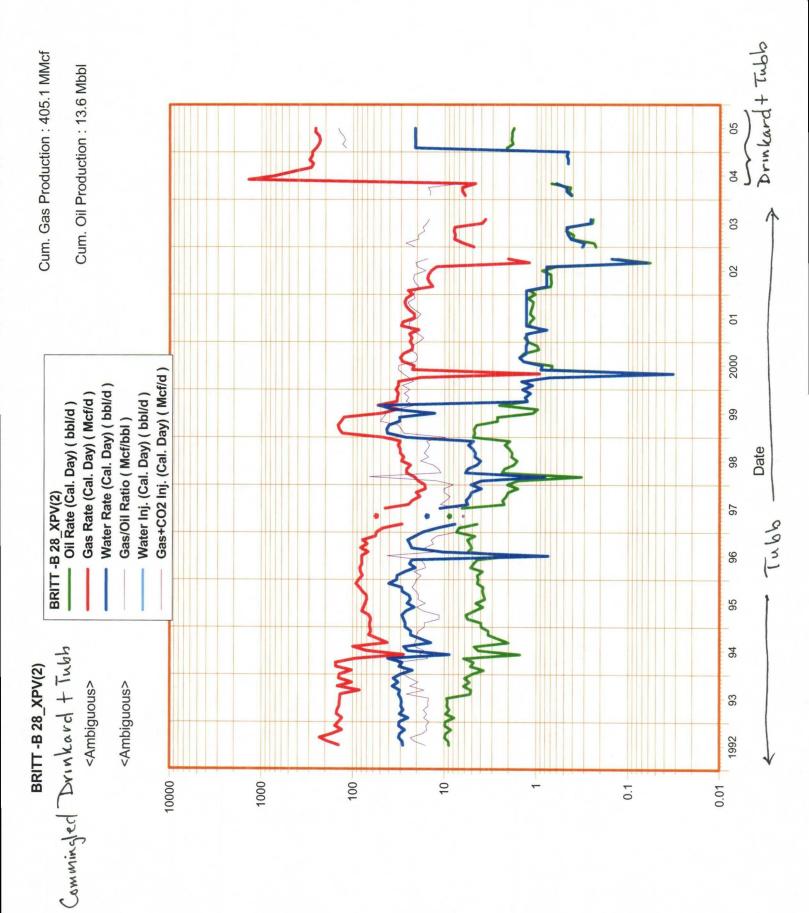
Date

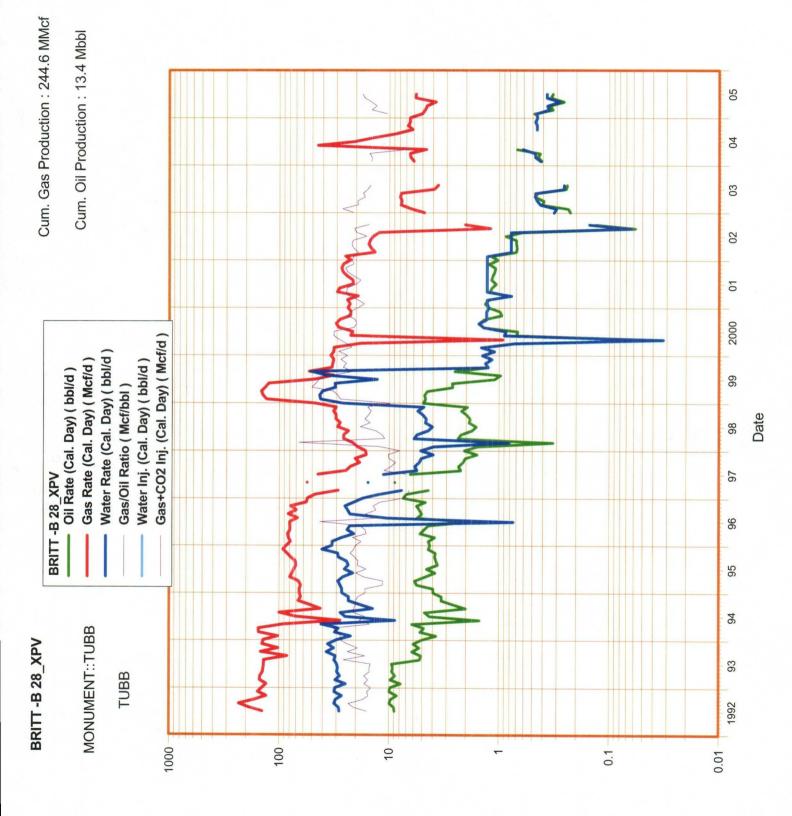
· ConocoPhillips

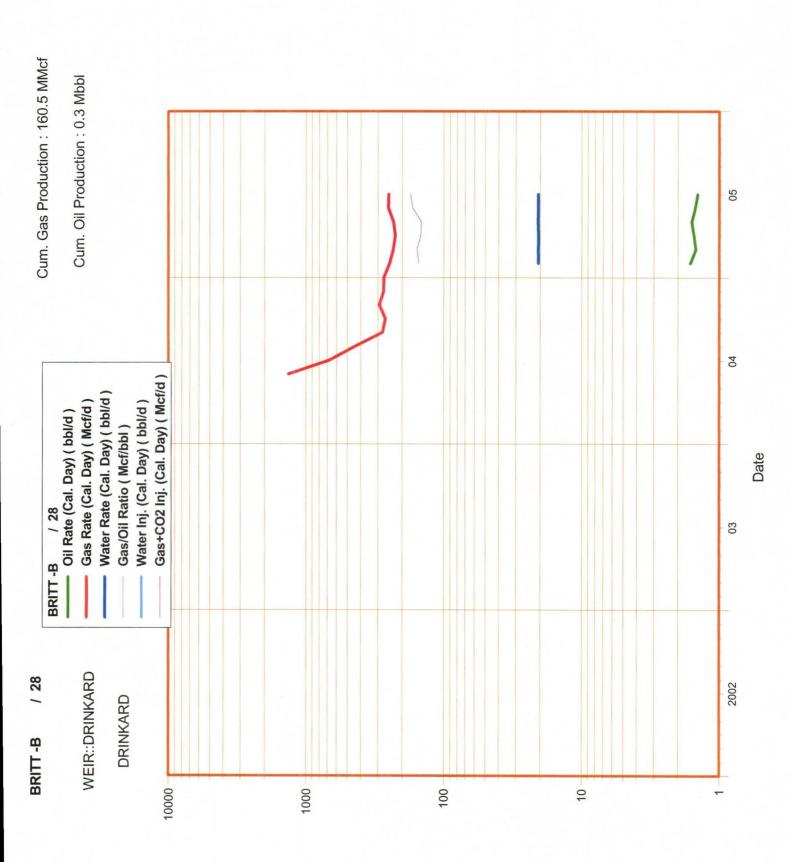
Schematic - Current

BRITT B 28









ConocoPhillips

Schematic - Current

BRITT B 32

