UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

DIST. 3

Type of Work DRILL Type of Well GAS Bureau of Land Manager ConocoPhillips Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700 Location of Well Surf: Unit E (SWNW), 1720' FNL & 760' BH: Unit F (SENW), 1345' FNL & 1970' FWL	5. Lease Number SF-079000 Unit Reporting Number NMNM-7 6. If Indian, All. or Tribe NMNM-7 7. Unit Agreement Name San Juan 31-6 Unit 8. Farm or Lease Name 9. Well Number #6F 10. Field, Pool, Wildcat
Bureau of Land Managesia Farmington Field Office ConocoPhillips Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700 Location of Well Surf: Unit E (SWNW), 1720' FNL & 7604	6. If Indian, All. or Tribe NMNM - 78 7. Unit Agreement Name San Juan 31-6 Unit 8. Farm or Lease Name 9. Well Number #6F
ConocoPhillips Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700 Location of Well Surf: Unit E (SWNW), 1720' FNL & 7604	7. Unit Agreement Name San Juan 31-6 Unit 8. Farm or Lease Name 9. Well Number #6F
ConocoPhillips Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700 Location of Well Surf: Unit E (SWNW), 1720' FNL & 760	7. Unit Agreement Name San Juan 31-6 Unit 8. Farm or Lease Name 9. Well Number #6F
Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700 Location of Well Surf: Unit E (SWNW), 1720' FNL & 760	8. Farm or Lease Name 9. Well Number #6F
PO Box 4289, Farmington, NM 87499 (505) 326-9700 Location of Well Surf: Unit E (SWNW), 1720' FNL & 760	8. Farm or Lease Name 9. Well Number #6F
PO Box 4289, Farmington, NM 87499 (505) 326-9700 Location of Well Surf: Unit E (SWNW), 1720' FNL & 760	9. Well Number #6F
(505) 326-9700 Location of Well Surf: Unit E (SWNW), 1720' FNL & 760'	#6F
Surf: Unit E (SWNW), 1720' FNL & 760	10. Field, Pool, Wildcat
Surf: Unit E (SWNW), 1720' FNL & 760	10. Held, 1001, Wildeat
DIA DIALLE LUBUMII LOTO FULLOCATIVE FWLL	FWL, Blanco MV/Basin DK
Surf: Latitude 36° 50.6427 N	11. Sec., Twn, Rge, Mer. (NMPM) Sec. 1, T30N, R7W
Longitude 107° 31.6864 W	API # 30-039- 30358
Longitude 107° 31.4386 W	
Distance in Miles from Nearest Town 16 miles/Navajo City	12. County 13. State Rio Arriba NM
Distance from Proposed Location to Nearest Propert	y or Lease Line
Acres in Lease 319.1	17. Acres Assigned to Well 319.1 (W/2) MV/DK
Distance from Proposed Location to Nearest Well, D	rlg, Compl, or Applied for on this Lease
Proposed Depth	20. Rotary or Cable Tools Rotary
	22. Approx. Date Work will Start
6546' GL	APPROVAL OR ACCEPTANCE OF THAT IS NOT RELIEVE THE LESSEE A
Proposed Casing and Cementing Program See Operations Plan attached	OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATION
Authorized by: Monday	ON FEDERAL AND INDIAN LANDS
knonda kogers(kegulatory Teo	Chnician) ROLD CALL FOR SURVEY BOLD CALL F
NO.	APPROVAL DATE
ED BY DIMONEUS TITLE _	ATM DATE 10/15/6-
ogical Report attached NC	OTIFY AZTEC OCD 24 HRS.
	Longitude 107° 31.6864 W Latitude 36° 50.7052 N Longitude 107° 31.4386 W Distance in Miles from Nearest Town 16 miles/Navajo City Distance from Proposed Location to Nearest Propert 760' Acres in Lease 319.1 Distance from Proposed Location to Nearest Well, D 50'from San Juan 31-6 Unit #6A Proposed Depth 3088'TVD/ 8334' TMD Elevations (DF, FT, GR, Etc.) 5546' GL Proposed Casing and Cementing Program See Operations Plan attached Authorized by: Rhonda Rogers (Regulatory Tec.) 10.

Example Master Plan Type 3

Bond Numbers ES-0048 and ES-0085

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

NMOCD OCT 1 8 2007

This action is subject to technical and procedural review pursuant to 43 CFR 3165 and appeal pursuant to 43 CFR 3165 4

District I 1625 N. French Dr., Hobbs, NM 88240

State of New Mexico

Energy, Minerals & Natural Resources Department

Form C-102 Revised October 12, 2005 Instructions on back

District II 1301 W Grand Avenue, Artesia, NM 88210

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

District III 1000 Rio Brazos Rd., Aztec, NM 87410

'API Number

30-039- 303

Property Code

31328

OIL CONSERVATION DIVISION 1220 South St. Frances For Santa Fe, NM 87505

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

Pool Code

72319 / 71599

5287.921

SEP 1 7 2007

Pool Name

BLANCO MESAVERDE / BASIN DAKOTA

AMENDED REPORT

Well Number

6F

Certificate Number

Bureau of Land Wanagement WELL LOCATION AND ACREAGE DEDICATION PLAT

Property Name

SAN JUAN 31-6 UNIT

31360	Ì				SAIN JUAN S	DI_O ONII]		DF
OGRID No							levat ion				
217817				CO	NOCOPHILL]	PS COMPANY					6546 '
						Location					
	ection	Township	Range	Lat Idn	Feet from the	North/South line	Fe	et from the	East/Wes		County RIO
E	1	30N	7W		1720	NORTH		760	WE:	ST	ARRIBA
			ottom		ocation I			om Surfac			
1 _ 1	ection	Township	Range	Lat Idn	Feet from the	North/South line	Fe	et from the	East/Wes	i	County RIO
LL	1	30N	7W		1345	NORTH		1970	WES	ST	ARRIBA
12 Dedicated Acres	319.:	10 Acres	s - (W	/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Orde	er No			
NO ALLOWABL	_E WI	ILL BE A OR A	SSIGNE(NON-ST	D TO THE	IS COMPLETION UNIT HAS BE	ON UNTIL ALL EEN APPROVED	INTI BY	ERESTS HAV THE DIVISIO	'E BEI	EN CON	SOL IDATED
LOT ,02L		LOT 7	134 قرا 125	' 00.08 	LOT 6	LOT 5	1320.00	In hereby certifulation is true knowledge and teather owns a mineral interes proposed bottom to drill this with a contract or working integreement or a heretofore ente	fy that and com belief, a working at in th m-hole l well at	the informable to and that to interest in lead included that to location or this location of	this organization or unleased cluding the ringht tion pursuant such a miperal
SURFACE LOCATI LAT: 36.84405 LONG: 107 52871 DATUM: NADB3 LAT. 36 50.642; LONG: 107 31.686 DATUM: NAD27	3 7 N 54 W	1266.4' N72°23.3E	LAT: LONG:	HOLE LOC 36 50 705 107 31 43 TUM: NAD27	2 'N 86 'W		1320.00	my supervision and correct to Survey Da Signature and	OR C ify that plat w al surve r, and t the bi ite: J Seal of	ERTIF the well as plotted shat the se est of my ANUARY f Profession	location if from field if from field ye me or under me is true belief 11, 2007 onal Surveyor
	LEA -07°	5E 1000					2640.00	AEGISTER TO	₹/~	EDWARD CO.	· 1
			pm .c		! !			JASON	C.	EDW	VARDS

Submit 3 Copies To Appropriate District Office District 1 State of New Mex Energy Minerals and Natural				I	Form C-103 May 27, 2004
District I Energy, Minerals and Natural 1625 N. French Dr., Hobbs, NM 88240 District II		WELL API NO.	30-0	20 25	355X
1301 W. Grand Ave., Artesia, NM 88210 OIL CONSERVATION D	DIVISION :	5 Indicate Type of Lease		<u> </u>	550
District III 1220 South St. Francis	<u> </u>		ATE	FEE	Ш
1000 Rio Brazos Rd., Aztec, NM 87410 Santa Fe, NM 8750 District IV)5	6 State Oil & Gas Lease N Feder	o. al Lease SF-079	000	
1220 S. St. Francis Dr., Santa Fe, NM 87505 SUNDRY NOTICES AND REPORTS ON WELLS		7. Lease Name or Unit Agre	eement Name		
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH	OA	Sa	n Juan 31-6 Unit	:	
PROPOSALS.) 1. Type of Well:	8	3. Well Number			
Oil Well Gas Well X Other			#6F		
2. Name of Operator ConocoPhillips	9	9. OGRID Number	217817		
3. Address of Operator	ī	10. Pool name or Wildcat	nco MV/Basin D	v ·	
4 Well Location 3401 E. 30TH STREET, FARMINGTON, NM 87402		D12	iico Wi V/Basiii Di	<u> </u>	
Unit Letter E : 1720' feet from the North Section I Township 30N Rr	line and	760' feet from	m the		line Arriba
11. Elevation (Show whether DR, RKB, RT,	, GR, etc.)	MALLIM	Coun		Airioa
Pit or Below-grade Tank Application or Closure	546'				
Pit type New Drill Depth to Groundwater >100 Distance from nearest fresh	ı water well	>1000' Distance from near	est surface water		>1000
Pit Liner Thickness: NA mil Below-Grade Tank: Vol	olume	bbls; Construction Mater	ial		
12. Check Appropriate Box to Indica	ate Nature o	f Notice, Report or C	ther Data		
NOTICE OF INTENTION TO:		SUBSEQUEN		F:	
PERFORM REMEDIAL WORK PLUG AND ABANDON	REMEDIAL V			ALTERING (CASING
TEMPORARILY ABANDON CHANGE PLANS PULL OR ALTER CASING MULTIPLE COMPL	CASING/CE	E DRILLING OPNS. MENT JOB		P AND A	لــا
OTHER:	OTUED.				
OTHER: New Drill 13. Describe proposed or completed operations. (Clearly state all pertinen)	OTHER:	ve pertinent dates, including	r estimated date		
of starting any proposed work). SEE RULE 1103. For Multiple Comp			-		
or recompletion.					
				,	
New Drill, Unlined:					
ConocoPhillips proposes to construct a new drilling pit, an associated vent/fl	flare pit and a pr	e-set mud pit (if required).	Based on Conoco	Phillips' int	erpretation of
the Ecosphere's risk ranking criteria, the new drilling pit and pre-set mud pit					
file at the NMOCD office. A portion of the vent/flare pit will be designed to	_	-	ined as per the ris	k ranking cr	iteria.
ConocoPhillips anticipates closing these pits according to the November 1, 2	2004 Guidennes	.			
I hereby certify that the information above is true and complete to the best of m					
grade tank has been/will be constructed or closed according to NMOCD guidelines, a gene	eral permit X o	or an (attached) alternative OCD	-approved plan	_	<u>.</u> L.
SIGNATURE DAONES TITLE		Regulatory Technician		DATE 2	13-07
Type or print name Rhonda Rogers E-mail address:	rogerrs@	Oconocophillips.com	Telephone No.	505-:	599-4018
For State Use Only		Oil & Gas Insp	•		
APPPROVED BY TITLE		District #3	,	DATEDET	1 8 2007
Conditions of Approval (if any):					
U					



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 31-6 UNIT 6F

DEVELOPMENT

Lease:					<u>A</u>	FE #:W/	<u>an.Cnv</u>	.7195			AFE \$:	
Field Name: 31-6	5	_		Rig: A	ztec Rig 777			State:	NM	County: RIO ARRIBA	API #:	
Geologist:				Phone			Geop	hysicist:		· · · · · · · · · · · · · · · · · · ·	Phone:	
Geoscientist: H	ead, Chi	рF		Phone	505-326-97	72	Prod.	Engineer:			Phone:	
Res. Engineer: Pi					505-326-979		Proj.	Field Lead	l: Fra	nsen, Eric E.	Phone:	
Primary Object						A						
Zone	Zone N	lame				_						
R20002	MESAV	ERDE(R20002)]						
R20076	DAKOT	A(R200)76)			}						
												,
	The second	eneral record		7.3.22.2°2					#W. 1277.70.00			
Location: Surface		4.4.3 W-140W2	Datum Co	<u> </u>	Contract Con		<u> </u>			T = = = =	Deviat	14.6733147.6955.48603.433655
Latitude: 36.8440			ide: -107.52		X:		Y:			Section: 01	Range:	007W
Footage X: 760 F	-WL I	ootage	e Y: 1720 F	NL	Elevation: 65	46	(FT)	Township	: 030	N		
Tolerance:		*****		er oswar zarwi	Lames and a second responsible to the			******************************			and all the second second second second second	
Location: Botton	m Hole		Datum Co	de: NA	D 27						Deviat	ed
Latitude: 36.8500)00 I	Longitu	ide: -107.51	16667	X:		Y:			Section: 01	Range:	007W
Footage X: 1970	FWL I	Footage	e Y: 1345 F	NL	Elevation:		(FT)	Township	: 030	N		
Tolerance:												
Location Type: Re	estricted			Start D	oate (Est.): 1/	1/2008	Co	mpletion D	oate:	Date In (Operation:	
Formation Data:	Assum	e KB =	6562	Units =	FT							
Formation Call & Casing Points			Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	ВНТ			Remarks		
Surface Casing			200	6362	(Tes/No)	(F31G)		12-1/4 h	nole.	9 5/8" 32.3 ppf, H-40, ST	TC casing. Ce	ment with
					_			169 cu.	ft. Circ	culate cement to surface		į
OJAM			2557	4005				Possible	water	flows.		
KRLD			2722	3840				Danaibla				
FRLD			3114	3448				Possible	gas.			
LEWS			3473 3647	3089 2915								
Intermediate Casin	na		4000	2562				8 3/4" h	ole. 7º	' 20/23 ppf J-55, STC/LT	C casing. Circ	ulate cement
1	· J									ment with 946 cu.ft.		
CHRA			4571	1991				C=====	. المائم			į
CLFH			5382	1180		689		Gas; pos	SIDIY	wet		ļ
MENF PTLK			5472 5720	1090][Gas. Gas.				
MNCS			5729 6074	833 488	7			Gas.				
GLLP			7012	-450				Gas. Po	ssihlv	wet.		
GRHN			7012 7747	-1185	00000					nighly fractured		
GRANEROS			7790	-1228	ĭ			poo.	- · - · • ·			
TWLS			7892	-1330		2500						
СВВО			7939	-1377	ō			Gas				
CBRL			7962	-1400								
ENCINAL			8028	-1466				TD 60' b	elow ⁻	T/ENCN		
TOTAL DEPTH DK			8088	-1526				Cement	with 5	I-1/2", 10.5/11.6 ppf, J-5 57 cuft. Circulate cemen rious casing string.		
Reference Wells	S :						and the second		- F			

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PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN.	111	ΔN	21.	.6 (INIT	6F

DEVELOPMENT

Reference Type	Well Name		Comments						
Intermediate	31-6 6A		NW 1-30N-7W						
Production	oduction 31-6 6M		SE 1-30N-7W						
Logging Progra	m:								
Intermediate Logs	E Log only if sh	ow 🔲 GR/ILD	☐ Triple Com	bo					
TD Logs:	☐ Triple Combo	☐ Dipmeter	RFT So	nic 🗌 VSP 📗 TDT 🗹 Oth	er				
	GR_CBL, MUDLO	G 100' from GRI	HN to TD						
Additional Informa	ation:								
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks				

Comments: Location/Tops/Logging - DK 30N07W01NW1 and MVNM030N007W01NW2, MUDLOG 100' from GRHN to TD

Zones - DK 30N07W01NW1 and MVNM030N007W01NW2

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ConocoPhillips or its affiliates

Survey Report

THE PROPERTY OF THE PROPERTY O	and many man, committee or or otherwise, or or taken a factor of	The second property and the se	garagagagaga, aya 1800 ayan kabunda aragaga a 7 mara	and the second contract of the second contract of	un sartin incremissississississississississississississ	animatan managaran wa kata ka ma	Market Comment of the	catalogue and a contraction of the contraction of t	nd alternative sections and an experience of the section of the se
Company: Project:	ConocoPhillips Lov	- 24 mil 1	Service Constitution of the Constitution of th	il Co-ordinate i Reference:	Reference:	Well SJ'3 WELL @	1-6 #6F 6561.0ft (Original	Well Elev)	The second section of the sect
Site:	Monty's Site for dir	ectional MV/D	The second section of the section of th	Reference:		362 Mg	6561.0ft (Original	Well Elev)	
Well: Wellbore:	SJ 31-6 #6F SJ 31-6 #6F		and the second of the second	h Reference: ev Calculation	Mathad	True	Curvature		
Design:	Plan #1		Santa Santa	base:	meurou.		tral Planning		
Planned Survey				Marian American		en alaman dinan			pina pikawa kanapilanti sa Jamana
Measured			Vertical			Vertical	Dogleg	Build	Turn
Depth (ft)	inclination A (d)	zimuth (d)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Section (ft)	enementary in a substitution of the	Rate 1/100ft)	Rate (d/100ft)
8,274 1	0.00	0.00	8,028 0	375 0	1,210 0	1,266 8	0 00	0 00	0 00
1	2004-0044				1,2100 Re 18,000				
8,300 0	0 00	0.00	8,053 9	375 0	1,210.0	1,266.8	0 00	0.00	0 00
8,334.1	0.00	0 00	8,088 0	375 0	1,210 0	1,266 8	0.00 **********************************	0 00	0.00
?*:2°10.°21314	#6F - PCP		and Hall	and the second	revretar fat	STEEL STEEL STEEL	and property	i de Laire de la company	Contract Contract

	ip Angle Di		TVD (ft)		+E/-W	Liver Country of Family 1985 September 1985	asting (m)		Longitude
SJ 31-6 #6F - PCP - plan hits target - Point	0.00	0 00	8,088.0	375.0	1,210.0	109 02	370.48	30° 59' 28 223" N	109° 25' 30.193" W
SJ 31-6 #6F - ICP - plan hits target - Point	0 00	0 00	4,000.0	375.0	1,210.0	109 02	370.48	30° 59' 28.223" N	109° 25' 30.193" W

Formations Measured Depth	Vertical Depth	Name	DIP
(n)	(ft)		(d) (d)
2,716 4	2,557.0	Ojo Alamo	0 00
2,897.1	2,722.0	Kirtland	0 00
3,326.5	3,114.0	Fruitland	0.00
3,712.1	3,473.0	Pictured Cliffs	0 00
3,891.0	3,647.0	Lewis	0.00
4,817 1	4,571.0	Chacra	0.00
5,628 1	5,382 0	Cliffhouse	0.00
5,718.1	5,472.0	Menefee	0.00
5,975.1	5,729 0	Pt. Lookout	0 00
6,320 1	6,074 0	Mancos	0.00
7,258 1	7,012.0	Gallup	0 00
7,993 1	7,747.0	Greenhorn	0.00
8,036.1	7,790.0	Graneros	0.00
8,138.1	7,892.0	Two Wells	0 00
8,185.1	7,939 0	Upper Cubero	0 00
8,208 1	7,962 0	Lower Cubero	0 00
8,274 1	8,028.0	Encinal	0.00
8,334 1	8,088 0	TD	0 00

9/13/2007 8.00 00AM Page 5 of 5 COMPASS 2003 11 Build 50

UTILITIES OR PIPELINES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION. CONTRACTOR SHOULD CONTACT ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED UNDERGROUND NCE SURYEYS IS NOT LIABLE FOR LOCATION OF UNDERGROUND UTILITIES OR PIPELINES. EDGE OF TOTAL DISTURBANCE (MARKED WITH STEEL T-POSTS) C_2 £ 0 @ 130, .Sb Θ V Blow Pit 3' DEEP g AREA OF TOTAL DISTURBANCE 000000000 000000 400' X 325' = 2.98 ACRES EDGE OF TOTAL DISTURBANCE (MARKED WITH STEEL T-POSTS) ,55 7 LAYDOWN NI4°W 160' Wellhead to front INSTALL DRAIN ON FRUITLAND FORMATIONS 00000000 CONOCOPHILLIPS COMPANY SAN 6. DEEP METER RUN ,02 130, 0 POPULION Ω ā 1720° FNL & 760° RIO ARRIBA COUN 0 ,09 ,92 SEPARATOR 00 00000000 1"=50 DRIP Š 8 × 2:1 Slopes تانه 140' Wellhead to back MFS P/L EXISTING ROADMAY 4 CONOCOPHILLIPS SAN JUAN 31-6 #6A WELLHEAD **GRAPHIC SCALE** ртке Ū ᅙ 50 0 0 Reserve 0 000 間で 0000 0 ∢ CATHODIC GROUNDBED LATITUDE: 36°50.6427N ONGITUDE: 107°31.6864W ,Sb ,081 0 (1) 4 **(10)** FIZ Ð þ \boxtimes DATUM. NADI927 0000 00000 EDGE OF EXISTING WELLPAD Bureau of Land Management ~ PURFACE OWNER ~

CONOCOPHILLIPS COMPANY SAN JUAN 31-6 UNIT #6F 1720' FNL & 760' FWL, SECTION 1, T30N, R7W, NMPM RIO ARRIBA COUNTY, NEW MEXICO ELEVATION: 6546'

	HORIZONTAL S	SCALE 1"=40	C	'L	VERTICAL SO	CALE 1"=30'	
A-A'							
6556'							
6546'		(Z)	//				
6536'			<i>J.</i>				
			C	/L			
B-B'							
6556'				· · · · · · · · · · · · · · · · · · ·			
6546'			//				
6536'							
			C	/L			
C-C'							
6556'							
6546'							
6536'							

NCE SURVEYS IS NOT LIABLE FOR LOCATION OF UNDERGROUND UTILITIES OR PIPELINES.

CONTRACTOR SHOULD CONTACT ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED UNDERGROUND UTILITIES OR PIPELINES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.