Form 3160-4 (August 2007)	Ϋ́Υ,							RE	C	EIVE	$\mathbf{D}$			
A Carlot A					D STATES						. •	FORM APP		
· .			DEPAJ BUREA	RTMENT	OF THE IN ND MANA	NTEI AGEN	RIOR MENT	N	VOI	16 2012		OMB No. 10 Expires: July		
		WELLO	COMPLETIO	N OR REO	COMPLETI	ON R	REPORT	AND LO	og inata	on Field Öffic	5. Lease Serial N	o. SF-078	007	<u></u>
1a. Type of Well		Oil Well	X Gas Wo		Dry		Other 30	reau	ot La	and Manager				
b. Type of Completic	n: X	New Well	Work C	over	Deepen		Plug Back		Diff. Res		7. Unit or CA A	reement Name	and	
	· · ·	Other:			<u>.</u>						Rep	at to	- t	43e
2. Name of Operator	•	• •	ConocoPh	illips Corr	pany					.* .	<ol> <li>Lease Name and Anne and Anne and Anne Anne Anne Anne Anne Anne Anne An</li></ol>	nd Well No. Heaton I	S 11	M
3. Address	O Box 4289, Farmi	ngton NM			3a. Phone No.	. (inch		de) 5) 326-97	00		9. API Well No.			
	teport location clearly and			eqtiticements)	I		(505	520-97	00		10. Field and Poo		0000	7-00 c1
At surface			UNIT	O (SW/SE),	625' FSL & 13	808' FE	EL			· ·	11 Sec., T., R.,	Basin Da M. on Block and		
·				"			•				5	SURFACE: SEC	: 28,	T31N, R11W
At top prod. Interva	al reported below				UNIT P (SE/S	SE), 72	24' FSL &	692' FEL		· · ·	12. County or Pa	BOTTOM: SEC	<u>.: 28,</u>	13. State
At total depth			U	NIT P (SE/SI	E), 724' FSL &	: 692' F	FEL			,	Sa	n Juan		New Mexico
14. Date Spudded	9/6/2012	15. Da	nte T.D. Reached 9/28/201	<b>7</b> .	16. Date C	D &		X Ready	to Prod	. 10/31/12 GRS	17. Elevations (I	DF, RKB, RT, GL 5880' GL / 5		K.B.
18. Total Depth:	MD	714	13' 19. I	2 Plug Back T.I		MD		7133'		Depth Bridge Plug Se	t:			
21 Type Electric & C	TVD Other Mechanical Logs Ry	· 704				TVD	)	7037'				TVD		es (Submit analysis)
21. Type Dictate & C	nier meenanen 20ga Ru		GR/CCL/CBL							Was Well Colled? Was DST run?	•	X No [		es (Submit report)
·	· · ·						:		<u> </u>	Directional Survey?	· ·		X Y	es (Submit copy)
	Record (Report all strings	· · · · · · · · · · · · · · · · · · ·		~ .			Stage Cen	ienter		No. of Sks. &	Slurry Vol.	1	<u> </u>	· · · · · · · · · · · · · · · · · · ·
Hole Size	Size/Grade 9 5/8" / H-40	Wt. (#/ft		D) 1	Bottom (MD)		Dept			Type of Cement	(BBL)	Cement top	;>* 	Amount Pulled
8 3/4"	7" / J-55	32.3# 23#	0		230'		n/a . n/a 5			76sx-Type I-II 6sx-Premuim Lite	22bbls 204bbls	Surface Surface		8bbls 55bbls
6 1/4"	<u>6 1/4" 4 1/2" / L-80 11.6#</u>				7135'			n/a 202sx-Premu			73bbls 3700' n/a			
		· · · · -												<u> </u>
24. Tubing Record	· · · · ·				· ·							<u>. CONS. D</u> DIGT 3	<u>uv</u>	<b>N</b>
Size 2 3/8", 4.7#, L-80	Depth Set (MD) 7031'	Pac	cker Depth (MD) n/a	Si	ze I	Depth S	Set (MD)		Pack	ker Depth (MD)	Size	Depth Set (N	4D)	Packer Depth (MD)
25. Producing Interval	s	, <b>I</b> .	· · · · · · · · · · · · · · · · · · ·		26.	Perfor	ration Reco	rd					•	
A)	Formation Daktoa	·	Top 	Bot 70	tom			Perforated 1SP		1	Size .34"	No. Holes 36		Perf. Status
B)	' Daktea		7078'				2SPF				.34"	20		open
<u>C)</u> D)	Total	•	·   · · ·									. 56		
27. Acid, Fracture, Tr	eatment, Cement Squeeze	, etc.	· · · · · · · · · · · · · · · · · · ·				· · ·	· .		-				
· · · ·	Depth Interval	-	Acidize w/ 10	bbls of 15%	HCL. Frac'd v	w/ 40,5	530gals w/			and Type of Material Arizona sand. Pumper	d 107bbls of fluid	. Total N2:2,114	,000S	CF.
	6960' - 7106'						·····	· .						
<u> </u>		_ <u>.</u>	···										•	
		<u>.</u>									······			
28. Production - Inter Date First	Val A Test Date	Hours	Test	Oil	Gas	Wate	er O	il Gravity	[	Gas	Production	Method		· · · · · · · · · · · · · · · · · · ·
Produced		Tested	Production	BBL.	MCF	BBL		orr. API		Gravity		•		<b></b>
10/31/2012 GRS	11/5/2012	1hr.		0/boph	24/mcf/h		e /bwph	n/a		n/a		FLO	WIN	c
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Wate BBL		as/Oil atio		Well Status				
1/2"					584/mcf/d		-					······································		
28a. Production - Inte		SI-522psi		0/bopd	584/mci/d		bwpd	n/a				SHUT IN		
Date First	Test Date	Hours Tested	Test Production	Oil : BBL	Gas MCF	Wate BBL		il Gravity orr. API	·.	Gas Gravity	Production	Method		
· · · · · · · · · ·			Caterran	· ·						·····, ·				
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Wate	er G	as/Oil		Well Status				·
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	R	atio		•				-
*/0		<u> </u>	C TRACTOR		<u> </u>	<u> </u>						······	_	. • •
See instructions and	spaces for additional data	a on page 2)		•						=				*

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NOV 2 6 2012 FARMINGTON FIELD OFFICE BY\_T\_\_Solyers\_\_\_\_

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-28b Production -	Interval C			•						
	'est Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced		Tested	Production	BBL	MCF	BBL	Corr, API	Gravity		
				· [						
	bg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status	······································	
	flwg.	Press.	Rate	BBL	MCF	BBL	Ratio			·
	SI							1	· ·	
Re Dut duction	Internal D									
8c. Production - Date First T	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced	lest Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	r roadenoù ivienioù	
										• •
Choke 7	Гbg. Press.	Csg.	24 Hr.	. Oil	Gas	Water	Gas/Oil	Well Status		
	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio			
S	SI		Carrier and the second			1.		· .		· · · · ·
.9. Disposition of	Con Calid	I fan fual i	· · ·	<u> </u>						
29. Disposition of	Gas (Sona, used	i jor juei, i	veniea, eic.j					•		-s
	• *					TO BE	SOLD			
30. Summary of P	orous Zones (Inc	lude Aqui	fers):					31. Formati	on (Log) Markers	,
										,
			contents thereof:						·	
	interval tested, o	ushion use	ed, time tool open	i, flowing an	d shut-in pro	essures and	*			
recoveries.						•		1		
								· .		
· · · · · · · · · · · · · · · · · · ·		r						- <u> </u>		Тор
Formation	Top	,	Bottom		Descript	tions, Conte	nts. etc.	1	Name	
		ĺ.			Seperip		· · · ·		, "	Meas. Depth
Ojo Alamo	- 824	,	878'		,	White, cr-gr s	s .		Ojo Alamo	824'
Kirltand	878		2063'				gry, fine-gr ss.		Kirltand	878'
	-									
Fruitland	2063		2503'	Dk gry-gry	carb sh, coal,	grn silts, light	-med gry, tight, fine gr ss		Fruitland	2063'
Pictured Cliff	-	· ·	2644'	Bn-Gry, fine grn, tight ss.					Pictured Cliffs	2503'
Lewis	. 2644	<sup>‡'</sup> .	3258'	Shale w/ siltstone stingers					Lewis	2644' .
Huerfanito Bento	onite 325	8'	3598'		White, v	waxy chalky b	entonite		Huerfanito Bentonite	3258'
					-					
Chacra	359	8'	0	Gry fr	ı grn silty, gla	uconitic sd ste	one w/ drk gry shale		Chacra	3598'
Mesa Verde	,		4344'		Light gry, me	d-fine gr ss, c	arb sh & coal	· ·	Mesa Verde	. 0
Menefee	434	4'	4819'		Med-dark gr	y, fine gr ss, c	arb sh & coal		Menefee	4344'
				Med-light gry	, very fine gr	ss w/ frequen	t sh break's in lower part	of		
Point Lookou	ıt 481	9'	5194'		· ·	formation			Point Lookout-	4819'
Mancos	519	4'	6099'		D	ark gry carb s	sh.		Mancos	5194'
G 11	(00)		(0.53)	· Lt. gry to br			s & very fine gry gry ss w	ı/ .	~ "	
Gallup	609	1	6853'			reg. interbed s			Gallup	6099'
Greenhorn	685	· .	6907'			alc gry sh w/ 1			Greenhorn	6853'
Graneros	690	7'	6959'				<ul> <li>w/ pyrite incl.</li> <li>w/ pyrite incl thin sh ban</li> </ul>	da	Graneros	6907'
. Dakota 69		9'		LL TO GAIK BI		y Y shale brea		us	Dakota	6959'
Morrison	* • <mark>*</mark> .			Interbo			k fine to coard grn ss		Morrison	
32. Additional ren	marks (include pl	ugging pro	ocedure):	L						·
			This is	s a Blanco N	lesaverde (	& Basin Da	ikota commingle wel	l under DHC3	3717AZ.	
							· · ·			
	· .								. •	
					,					
· .		•••							· · ·	
									•	
	••• •								•	
· · · · · · · · · · · · · · · · · · ·	· · ·					•••				
<ol> <li>Indicate whic</li> </ol>	h items have bee	n attached	by placing a che	ck in the app	ropriate boy	kes:	· · ·			
		(1 6 11 )			—	· · ъ ·				
X Electrical/M	Mechanical Logs	(1 full set	req'd.)	·	Geo	logic Repor	t L D	ST Report	Directional Sur	vey
Sundry Not	tice for plugging	and cemer	t verification			Analysis		her:		
	ace for plugging					, may 313			· · · · · · · · · · · · · · · ·	
34. I hereby certi	fy that the forego	oing and at	tached informatio	m is complet	e and correc	et as determ	ined from all available	e records (see	attached instructions)*	
,		• ··· · ·						(	,	
Name (p	lease print)	<u></u>	Arle	een Kellywo	od		Title		Staff Regulatory Tech.	
	· /	1200	no too	Pine in-	a		· · ·	die b		
Signature	e <u>(</u>	vree	on yye	upiti	in		Date	1/16/1	V	·····
		· · · · ·	· · · · · · · · · · · · · · · · · · ·		<u> </u>			<u> </u>	,	<u>_</u>
Title 18 U.S.C. Se	ection 1001 and	Title 43 U	S.C. Section 121	2, make it a	crime for an	y person kn	owingly and willfully	to make to an	y department or agency of the Unit	ted States any
false, fictitious or										TC TC

(Continued on page 3)

Form 3160-4	
(August 2007)	
<b>.</b>	-

3. Address

A)

.B)

C)

Date First

Produced

Choke

Date First

Produced

Choke

Size

Size

	FRED DELLE ALLA MARKE FI TA AT LONG	
UNITED STATES	RECEIVED	
UNITED UTITED		
DEPARTMENT OF THE INTERIOR		

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

BUREAU OF LAND MANAGEMENT Well completion or recompletion report an  $MOV_G \ 1 \ 6 \ 2012$ 5. Lease Serial No. SF-078097 Other Farmington Field Office 6. If Indian, Allottee or Tribe Name Oil Well X Gas Well Ia. Type of Well Dry Plug Back au de Land Managem PL. 7. Unit or CA Agreement Name and No. b. Type of Completion: New Well Work Over Deepen x 8. Lease Name and Well No. Other ta leas 2. Name of Operator Heaton LS 1M **ConocoPhillips** Company 3a. Phone No. (include area code) 9. API Well No. 30-045-35337 - 00C.2 (505) 326-9700 PO Box 4289, Farmington, NM 87499 4. Location of Well (Report location clearly and in accordance with Federal requirements) 10. Field and Pool or Exploratory Blanco Mesaverde UNIT O (SW/SE), 625' FSL & 1308' FEL At surface 11. Sec., T., R., M., on Block and Survey SURFACE: SEC: 28, T31N, R11W BOTTOM: SEC: 28, T31N, R11W UNIT P (SE/SE), 724' FSL & 692' FEL At top prod. Interval reported below 12. County or Parish 13. State UNIT P (SE/SE), 724' FSL & 692' FEL New Mexico At total depth San Juan 17. Elevations (DF, RKB, RT, GL)\* 14. Date Spudded 15. Date T.D. Reached 16. Date Completed X Ready to Prod. 9/6/2012 9/28/2012 D&A .10/30/12 GRS 5880' GL / 5895' KB 18. Total Depth: 7143 19. Plug Back T.D.: MD 7133 20. Depth Bridge Plug Set MD MD 7037' TVD тv'n 7047 TVD Yes (Submit analysis) X No 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was well cored? X No -GR/CCL/CBL Was DST run? Yes (Submit report) No No X Yes (Submit copy) Directional Survey 23. Casing and Liner Record (Report all strings set in well) Stage Cementer No. of Sks. & Slurry Vol Hole Size Size/Grade Wt. (#/ft.) Top (MD) Bottom (MD) Cement top\* Amount Pulled Type of Cement (BBL) Depth "12 1/4" 9 5/8" / H-40 32.3# 0 230' n/a 76sx-Type I-II 22bbls Surface 8bbls 8 3/4" 7" / J-55 23# 0 4499 576sx-Premuim Lite 204bbls Surface 55bbls n/a 6 1/4" 4 1/2" / L-80 11.6# 0 7135 202sx-Premuim Lite 73bbls 3700 n/a n/a RCVD NOV 28-2 ΠΠ CONS. DI 24. Tubing Record mth Set (MD Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Packer Depth (MD) 2 3/8", 4.7#, L-80 7031 n/a 25. Producing Intervals Perforation Record 26 Perforated Interval No. Holes Formation Top Bottom Size Perf. Status Point Lookout 4821 5099' 1SPF 34' 25 open 4499 4756 1SPF .34" 25 Menefee open 50 Total 27: Acid, Fracture, Treatment, Cement Squeeze, etc Amount and Type of Material Depth Interval Acidize w/ 10bbls of 15% HCL. Frac'd w/ 37,842gal 70Q N2 Slick Water w/ 100,034# of 20/40 Arizona sand. Pumped 75bbls of fluid. Total N2:1,258,000SCF. 4821' - 5099' Acidize w/ 10bbls of 15% HCL. Frac'd w/ 24,738gal 70Q N2 Slick Water w/ 43,309# of 20/40 Arizona sand. Pumped 69bbls of fluid. Total N2:995,000SCF. 4499' - 4756' 28. Production - Interval A Water Oil Gravity Gas Production Method Test Date Hours Test Oil Gas BBL MCF BBL Corr. API Gravity Tested Production DENRICAL FLOWING 10/30/2012 GRS 34/mcf/b trace /bwpl 11/5/2012 1hr 0/boph n/a n/a Tbg. Press. 24 Hr Gas/Oil Well Status Csg. Oil Gas Water Flwg Rate BBL MCF BBL Ratio Press STORE OF COLUMN 1/2" SI-617psi ŚI-522psi 0/bopd 806/mcf/d 6/ bwpd n/a SHUT IN 28a. Production - Interval B Test Date Hours Oil Gas Water Oil Gravity Gas Production Method Test BBL MCF BBL. Corr. API Gravity Tested Production Tbg. Press Csg. 24 Hr Oil Gas Water Gas/Oil Well Status BBL MCF BBL Ratio Flwg. Press Rate SI H-CHARLED

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\*(See instructions and spaces for additional data on page 2)

## ACCEPTED FOR RECORD

NOV 2 6 2012 FARMINGTON FIELD OFFICE BY T Salvers

							•				
28b. Production				- I							
Date First Test Date Hours			Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method		
Produced		Tested Produc		BBL	MCF	BBL	Corr. API	Gravity	· · ·		
				(Mariana)						· · ·	
Choke 7	ľbg. Pr	ess.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status	•	
1	Flwg.		Press.	Rate	BBL	MCF	BBL	Ratio			
5	SI			and a second							
28c. Production -	Interior	<u> </u>						<u> </u>	<u>.</u>	,	
	Interva Fest Da		Hours	· Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced		1	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity		
				SC TARE							
										<u> </u>	
	Tbg. Pr	1	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status		-* ·
Size Flwg. Press		Press.	Rate	BBL	MCF	BBL	Ratio				
· · · ·	51			COLLEGO S			м. М			н Нарадия (1996)	
29. Disposition of	f Gas (	Solid, used j	for fuel,	vented, etc.)				- <u>4</u>			<del> </del>
÷											
							TO BE	SOLD			· ·
30. Summary of I	Porous	Zones (Inclu	ude Aqui	ifers):					31. Formatio	on (Log) Markers	
Show all iminor	tant 20	mer of poros	eity and a	contents thereof:	Cored inter	) lle hae slevr	drill_stem tes	st .	· .		
•		• •	-	ed, time tool oper				··•			•
recoveries.		,		,	,	<b>P</b>					
				• • •				•		+	
· .						· · · · · · · · · · · · · · · · · · ·		-	· ·	·	:
Formation		Tar		Bottom		Decorio	tions, Conte	nts etc		Name	Тор
Formation		Тор		BORIONI .		Pescip	conte		ľ		Meas. Depth
Ojo Alamo		824'	·	878'	1		White, cr-gr s	s -	1	Ojo Alamo	824'
Kirltand		878'		2063'				gry, fine-gr ss		Kirltand	878'
			1	-						·	
Fruitland			. 1	2503'	Dk gry-gry			-med gry, tight, fine gr ss.		Fruitland	2063'
Pictured Cliffs 2503'			2644'			ry, fine grn, ti		1	Pictured Cliffs	2503'	
Lewis 2644'			3258'			w/ siltstone st	-		Lewis	2644'	
Huerfanito Bent	onite	3258'		3598'	ĺ	White,	waxy chalky b	entonite		Huerfanito Bentonite	3258'
Chaora		3598'		0	Gev	fn arn silty als	uconitic ed et	one w/ drk gry shale		Chacra	3598'
	Mesa Verde			4344'		• • •	ed-fine gr ss, c			Mesa Verde	. 0
Menefee 4344'			4819'	Ľ		y, fine gr ss, c			Menefee	4344'	
weneree		4044		4017	Mod Bakt	-		ard sh & coal It sh breaks in lower part o		,	· · ·
Point Looko	ut	. 4819'		5194'	ivicu-ngnt g	, y, very nite gr	formation	a on oreaxs in lower part c	~	Point Lookout	4819'
Mancos	•	5194'		6099'		Ľ	Dark gry carb s	sh.		Mancos	5194'
					Lt. gry to 1	brn calc carb m	nicac gluac silt	s & very fine gry gry ss w	/	• .	
Gallup		6099'	1	6853'		ir	rreg. interbed s	sh.		Gallup	6099'
Greenhorn		6853		6907'	le a		calc gry sh w/		· ·	Greenhorn	6853'
Graneros	Graneros 6907'		, l.	6959	Lt to dark			w/ pyrite incl. w/ pyrite incl thin sh band	is	Graneros	6907'
Dakota		6959	' I		cly Y shale breaks					Dakota	. 6959'
Morrison				•	Inter	bed grn, brn &	red waxy sh a	& fine to coard grn ss		Morrison	<u> </u>
32. Additional re	emarks	(include plu	igging pr				• n •		and a process	717 4 77	
			·	. This i	s a Blanco	wiesaverde	& Basin Da	kota commingle well	unuer DHC3	/1/AL.	
							•	· · ·			
						•					•
•							-	• *		•	
							• •				
					-						×
			• .								
			•					•		· ·	
- 33. Indicate whi	ch item	ns have been	attache	d by placing a che	ck in the ap	opropriate bo	xes:				-
			160			· Ei ~	Jani- D	, <u> </u>	TDament		
X Electrical/	Mecha	nical Logs (	I full set	req'd.)			ologic Repor		ST Report	Directional Sur	vey
Sundry No	otice fo	r plugoing a	and cerve	nt verification			e Analysis	·	her:		
					•		· · · · ·	لاسما 		·	
34. I hereby cert	tify tha	t the foregoi	ing and a	ttached information	on is compl	ete and corre	ect as determ	nined from all available	e records (see a	attached instructions)*	•
										0.000	
Name (	please <sub>I</sub>	print)		/	een Kellyw	^	<u> </u>	Title	1	Staff Regulatory Tech.	······································
<sup>~</sup> Signatu	re			(Irleen	Fall	linor	Th	Date	11/16	112	· [
						<u> </u>	~				K
-					1			· · · · · · · · · · · · · · · · · · ·			

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.

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