Form 3160-4 (August 2007)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

I-149-IND-8473

١	5.	Lease	Serial	N

la. Type of Well		Oil Well	X Gas W		Dry	Other		Managem	إِ If Indian, Allo	ttee or Tribe Nam	394B-DK,	
b. Type of Completion	on: X	New Well	. Work (	)ver	Deepen	Physic	ice at I ding	in Resvr.,	7. Unit or CA A	greement Name	and No.	
		Other:								HUERFANI	TO UNIT	
2. Name of Operator		Burlin	gton Resour	ces Oil & (	Gas Compa	ny			8. Lease Name a	nd Well No. Huerfanito	Unit 82P	
3. Address					3a. Phone No.	. (include area	•		9. API Well No.			
	PO Box 4289, Farm Report location clearly an			activantanta)	<u> </u>	(5	505) 326-970	00	10. Field and Po	30-045-3	35329 <b>-06CI</b>	
4. Location of Well (1		a in accordance	s waa reactai i	equirements)					. rield alld For	Basin D	akota	
At surface			UNIT	E (SW/NW), 2	2600' FNL & 2	70' FWL				M., on Block and		
								4	ĺ	SURFACE: SEC: 25, T27N, R9W		
At top prod. Interv	al reported below	12. County or Pa	arish	13. State								
At total depth		Sa	ın Juan	New Mexico	)							
14. Date Spudded		15. Dat	e T.D. Reached	_	16. Date C			D 1 444404040	17. Elevations (	DF, RKB, RT, GI	•	
	7/11/2012		7/22/201			D&A	X Ready to		<u> </u>	6174' GL /	0189. KB	
18. Total Depth:         MD         6754'         19. Plug Back T.D.:         MD         6685'         20. Depth Bridge Plug Set:         MD           TVD         TVD         TVD         TVD												
21. Type Electric & (	Other Mechanical Logs R	•	•					22. Was well cored?		X No	Yes (Submit analysis)	)
		(	R/CCL/CBL					Was DST run?		X №	Yes (Submit report)	
02.0	Record (Report all string		<del></del>		·			Directional Survey	?	X No	Yes (Submit copy)	
	<del></del>	T				Stage (	Cementer	No. of Sks. &	Slurry Vol.	Т		
Hole Size	Size/Grade	Wt. (#/ft.)	Top (N	ID) E	Bottom (MD)	1 -	epth	Type of Cement	(BBL)	Cement to	p* Amount Pulle	:d 
12 1/4"	9 5/8" / H-40	32.3#	0		230'		n/a	76sx-Pre-mix	22bbls	Surface		
8 3/4" 6 1/4"	7" / J-55 4 1/2" / L-80	23# <b>L</b>	0		3889' 6743'		n/a	513sx-Premuim Lite 222sx-Premuim Lite	185bbls 80bbls	Surface 3150'	55bbls n/a	
										IN DEC 1	O SEO	
			1 110	LICONS.	C 12.45.							
24. Tubing Record	<u> </u>	<u> </u>				<u> </u>			U1	<u> 1999)</u> 1751	LIEW:	
Size	Depth Set (MD)	Paci	er Depth (MD)	Si	ze I	Depth Set (ME	0)	Packer Depth (MD)	Size	Depth Set (I	(ID) Packer Depth (N	viD)
2 3/8", 4.7#, J-55	6429'		n/a									
25. Producing Interva	Formation		Тор	Bott		Perforation R	Perforated In	nterval	Size	No. Holes	Perf. Status	
A)	Daktoa		6442'	65-			1SPF		.34"	20	open	
B)	Daktoa		6578'	66:	6650' 2SPF					28	open.	
<u>C)</u> D)	Total		+					<del></del>		48	<u></u>	
	reatment, Cement Squeez	e, etc.										
	Depth Interval		1 111 /11	011161504	HCL P. 11	127 200-17		nount and Type of Material r N2 Foam w/ 39,751# of 20	V40 P 1 1	T-4-1 N2- 2 201	100CE	
	(442) ((60)		Acidize W/ I	UDDIS OF 15%	HCL. Frac a	w/ 37,380gai .	/U76 SHCKWATE	r 182 Foam W/ 39,/51# 6t 2t	940 Brady sand.	10tai M2: 2,201,	ouser.	
	6442' - 6650'											
					<del>"</del>		~		<del></del>			
28. Production - Inte Date First	Test Date	Hours	Test	Oil	IGo.	Water	Oil Gravity	Gas	Production	Mathad		
Produced	Test Date		Production	BBL	Gas MCF	BBL	Corr. API	Gravity	Production	Memod		
N/A	11/12/2012	1hr.		0/boph	42/mcf/h	trace/bwph	n/a	n/a		FI.O	- OWING	
Choke	Tbg. Press.		24 Нг.	Oil	Gas	Water	Gas/Oil	Well Status			<u> </u>	
Size	Flwg.	Press.	Rate	BBL	MCF _	BBL _	Ratio			_		
1/2"	SI-549psi	SI-492psi		0/bopd	1016/mcf/d	2/ bwpd	n/a			SHUT IN		
28a. Production - Int Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production	Method		
Produced	11012111	1 1	Production	BBL	MCF	BBL	Corr. API	Gravity	1			
·			-				1					
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status				
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio	ļ				
	51						1	1	•			
*(See instructions and	spaces for additional da	a on page 2)	<del></del>	***								

ACCEPTED FOR RECORD

DEC 1 5 2012 FARMINGTON FIELD OFFICE





28b. Production	n - Interval	<u> </u>											
Date First	Test Date		lours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method			
Produced		1 '	ested .	Production	BBL	MCF	BBL	Corr. API	Gravity				
Choke	Tbg. Pres	ss. C	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status				
Size	Flwg.		ress.	Rate	BBL	MCF	BBL	Ratio					
	SI									•			
28c. Production								···					
Date First	Test Date	1	lours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method			
Produced			ested	Production	BBL	MCF	BBL	Corr. API	Gravity				
				(#77-X)	>						• •		
Choke	Tbg. Pres	ss. C	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status				
Size	Flwg.	P	ress.	Rate	BBL	MCF	BBL	Ratio		•			
	SI												
29. Dispositio	n of Gas (So	olid. used fo	or fuel. v	ented. etc.)									
		,	j, .								•		
30 Summary	of Porous Z	ones (Includ	de Aquif	ers).			TO BE	ESOLD	31 Formati	on (Log) Markers			
30. Summary of Porous Zones (Include Aquifers): 31. Formation (Log) Markers													
		-	•	ontents thereof: d, time tool oper				st,	İ				
recoveries.				•	-	•							
	•												
				<del></del>	l			<del></del>			Тор		
Formati	ion	Тор		Bottom		Descrip	tions, Conte	nts, etc.		Name			
											Meas, Depth		
Ojo Ala	amo	1294'		1352'			White, cr-gr ss	3		Ojo Alamo	1294'		
Kirltar	nd	1352'		1906'		Gry sh interbe	dded w/tight,	gry, fine-gr ss.		Kirltand	1352'		
Fruitland 1906' 2050'					Dk gry-gry	carb sh, coal,	grn silts, light-	-med gry, tight, fine gr	ss.	Fruitland	1906'		
Pictured (	Cliffs	2050'		2203' .	","		ry, fine grn, tig			Pictured Cliffs	2050'		
Lewis 2203' 2555'				2555'	1		w/ siltstone st			Lewis	2203'		
Huerfanito B	Bentonite	2555'		2974'	White, waxy chalky bentonite					Huerfanito Bentonite	2555'		
Chaci	ra	2974'		3664'	Gry f	fn grn silty, gla	uconitic sd sto	one w/ drk gry shale		Chacra	2974'		
Mesa V	erde	3664'		3723'		Light gry, me	ed-fine gr ss, c	arb sh & coal		Mesa Verde	3664'		
Menef	fee	3723'		4363'		Med-dark gr	y, fine gr ss, c	arb sh & coal		Menefce	3723'		
•	.		1		Med-light g	ry, very fine gr	ss w/ frequen	t sh breaks in lower pa	urt of				
Point Loc	i	4363'		4837'			formation			Point Lookout	4363'		
Manc	os	4837'	1	5521'			ark gry carb s			Mancos	4837'		
Gallu	ın T	5521'		6348'	Lt, gry to b		icac gluac silts reg. interbed s	s & very fine gry gry s:	s w/	Gallup	5521'		
Greenh		6348'	-	6401'			alc gry sh w/ t			Greenhorn	6348'		
Granei	ros	6401'	1	6439'				w/ pyrite incl.		Graneros	6401'		
Dalas		C4201			Lt to dark g			w/ pyrite incl thin sh b	ands	Delega	64201		
Dako Morris		6439'			Inter		ly Y shale brea	ks Efine to coard grn ss		Dakota 6439' Morrison			
32. Additiona		include plug	ging pro	ocedure):	Intere	eu gin, oin æ	reu waxy sir o	e line to coard giri ss		14101113011	<u> </u>		
				This is a Bl	anco Mesav	verde, Basin	Dakota &	Basin Mancos con	nmingle well un	der DHC4555			
											-		
33. Indicate v	which items	have been a	attached	by placing a che	ck in the ap	propriate bo	xes:						
X Electric	cal/Mechani	cal Logs (1	full set i	req'd.)		Geo	logic Report	t 📋	DST Report	Directional S	Survey		
Sundry	Notice for p	plugging and	d cemen	t verification		Cor	e Analysis		Other:				
34. I hereby	certify that t	he foregoing	g and att	tached information	on is comple	ete and corre	ct as determ	ined from all availa	ble records (see	attached instructions)*			
Nam	ne (please pr	rint)		Arl	een Kellywo	ood A		Title	·	Staff Regulatory Tech.			
Sign	ature .		U.	leen 4	elly	urarel		Date	11/30	112			
					1 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.

(Continued on page 3)

(Form 3160-4, page 2)

Form	31	60-4
(Augu	ıst	2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0137

		E	BUREAU O	F LAN	ND M	ANA	JEMENT	MO	y 30 ZU1Z 🔠		Expires: July 3	1, 2010
•		WELL COMP	LETION OR	REC	OMPI	LETIO	N REPORT A	in ro		5. Lease Serial N	lo.	<del></del>
							-		· -:-14 Office	4	I-149-IND-	8473
la. Type of Well		Oil Well X	Gas Well	T	Dry		Other Fai	1111115	glon i 1919 Lillig	65 If Indian Allo	ttee or Tribe Name	
b. Type of Completio	<del></del>		Work Over	==	Deepen		I Dustines	Land Managen	Salf Indian, Allottee or Tribe Name  NAME - 38344 - MV  T. Unit of CA Agreement Name and No.			
b. Type of Completio	". <u></u>	Lew Well	] Work Over	Щ.	Deeper		ing_backet	. IT-1-10	i-icavi.,	7. Unit or CA A	greement Name a	
	(	Other:							•		HUERFANITO	O(C)
2. Name of Operator-							-			8. Lease Name a	nd Well No.	
		Burlington	Resources O	il & G	as Co	mpany	,				Huerfanito U	nit 82P
3. Address							include area code)			9. API Well No.		
	O Box 4289, Farmin			_			(505) 33	26-970	0		30-045-35	329 <b>~66</b> @3
4. Location of Well (R	eport location clearly and	in accordance with	Federal requiren	nents)*						10. Field and Po	ol or Exploratory	
											Blanco Mesa	
At surface			UNIT E (SW/	NW), 26	600' FN	IL & 270	)' FWL				M., on Block and S	
											SURFACE: SEC:	25, T27N, R9W
At top prod. Interva	l reported below			TIN	ar e e	SW/NW	2600' ENL & 27	r EWI		12. County or Pa	arish	13. State
At top prod. Interva	ii reported below		UNIT E (SW/NW), 2600' FNL & 270' FWL							12. County of 1	111311	15. State
At total depth UNIT E (SW/NW), 2600' FNL & 270' FWL											ın Juan	New Mexico
14. Date Spudded 15. Date T.D. Reached 16. Date Completed										17. Elevations (DF, RKB, RT, GL)*		
7/11/2012 7/22/2012 D & A X Ready to Prod. 11/13/2012											6174' GL / 61	89' KB
18. Total Depth:	MD	6754'	19. Plug Ba	ack T.D.	:	N	4D 668	5'	20. Depth Bridge Plug Se	et:	MD	
	TVD					T	VD				TVD	
21. Type Electric & C	ther Mechanical Logs Run	(Submit copy of ea	ach)						22. Was well cored?		X No	Yes (Submit analysis)
		GR/CC	CL/CBL						Was DST run?		X No	Yes (Submit report)
									Directional Survey	?	X No	Yes (Submit copy)
23. Casing and Liner I	Record (Report all strings s	et in well)										
	Size/Grade	Wt, (#/ft.)	T- (1(D)		ottom (I	(D)	Stage Cemente	r	No. of Sks. &	Slurry Vol.	C	Amount Pulled
Hole Size	Size/Grade	Wt. (#/11.)	Top (MD)		ottoin (i	viD)	Depth		Type of Cement	(BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8" / H-40	32.3#	0		230'		n/a		76sx-Pre-mix	22bbls	Surface	7bbls
8 3/4"	7" / J-55	23# <b>L</b> ng C	0		3889		n/a	_	513sx-Premuim Lite	185bbls	Surface	55bbls
6 1/4"	4 1/2" / L-80	11.6#	0		6743	1	n/a		222sx-Premuim Lite	80bbls	3150'	n/a
										_ KU	VD DEC 19	<u> </u>
								-	****	-	L CONS. D	TV
24. Tubing Record	L		L								DIST. 3	
Size	Depth Set (MD)	Packer De	pth (MD)	Size	e	De	pth Set (MD)		Packer Depth (MD)	Size	Depth Set (MI	Packer Depth (MD)
2 3/8", 4.7#, J-55	6429'	n/					· · · · · · · · · · · · · · · · · · ·		······································		1	,
25. Producing Interval	s					26. Pe	erforation Record					
		Тор	Botto			Perf	orated In	terval	Size	No. Holes	Perf. Status	
A)	4370'	4565	5'			1SPF		.34"	25	open		
B)						<del> </del>				ļ		
C)						<del>├</del>						
	eatment, Cement Squeeze,	eta.				<u></u>						<del></del>
Z. riold, Fracidle, 11	Depth Interval							An	nount and Type of Material			
		Aci	idize w/ 10bbls o	f 15% I	HCL. F	rac'd w/	34,650gal 70% Sli		N2 Foam w/ 103,397# of 2	0/40 Brady sand.	Total N2: 1,607,3	OOSCF.

Oil Gravity

Corr. API

Gas/Oil

Oil Gravity

Corr. API

Gas/Oil

Ratio

Ratio

Gas

Gas

Gravity

Well Status

Gravity

Well Status

Water

1/bwph

19/ bwpd

BBL

Water

BBL

Water

Water

BBL

BBL

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

Tbg. Press.

Flwg.

4370' - 4565'

11/12/2012

SI-549psi

Hours

Tested

Csg.

1hr

SI-492psi

Hours

Tested

Csg.

Press.

Test

24 Hr.

Rate

Test

24 Hr.

Rate

Production

HEREN

Production

Nº I

Test Date

Tbg. Press.

Test Date

Flwg.

28. Production - Interval A

1/2"

28a. Production - Interval B

Date First

Produced

Choke

Size,

Date First

Produced #

Choke

Size

ACCEPTED FOR AFTORD

Production Method

Production Method

SHUT IN

FLOWING

DEC 1 5 2012

FARMWATON FIELD OFFICE



Oil .

BBL

Oil

BBL

Oil

BBL

Oil

BBL

0/boph

0/bopd

Gas

MCF

Gas

MCF

Gas

Gas

MCF

MCF

6/mcf/h

135/mcf/d

Dissertion   Control   C	28b. Production	ı - Interval C												
Challe Tag. Peec. Co. 2 11c		Test Date	1		L.			1 -	J.	Production Method				
Control   Cont	Produced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity					
Size   Private														
September   Description   Description   Control   Description	Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status	<del></del>				
Section   Test Date   Part   Part Date   Part   Part   Production   State   Part   Production   State   Part   Part   Part   State   Part   State   Part   State   State   Part	Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio						
Description   Tool Date   Treated	-	SI		BEARERS .										
Description   Tool Date   Treated	28c Production	Interval D	.J.,						<u>.l</u>					
Produced			Hours	Test	lOil	Gas	Water	Oil Gravity	Gas	Production Method				
Crebe Size Play Press		Took Build	1											
Crebe Size Play Press				Date Street		-								
Point Lockcyt   463°   483°														
Sinewarry of Peccus Zones (Include Aquifers):		1 0	-	1	1		1		Well Status					
29. Disposition of Class globals, most for pieck venes, except  39. Summary of Pornose Zenes (Include Aquifice):  30. Summary of Pornose Zenes (Include Aquifice):  30. Summary of Pornose Zenes (Include Aquifice):  31. Formation (Log) Markers    Formation   Top	Size		Press.	.	BBL	MCF	BBL	Kano .						
10. Summary of Peccas Zeots (Include Aquifors):  Show all importances of provisity and contents thereof. Cand intervals and all drill steam text, including depth interval entext, unablicate cond, time tool open, flowing and slub-in pressures and receveries.  Formalism  Top  Beston  Descriptions, Contents, etc.  Name  Mess: Depth  Oje Alamo  1294  Kriftand  1392  1395  Gody & interbedden whigh, gr., freeg rs.  Kriftand  1392  Friedrack Chiffs  2089  Petrock Chiffs  Petrock				THE STREET				-		•				
Shew all important zeases of perceity and contents thecosed: Cored intervols and all diffil-tion test, including depth intervol tested, cushion used, time foot open, flowing and sharin pressures and recoveries.    Formation	29. Disposition	of Gas (Solid, use	ed for fuel,	vented, etc.)	<u> </u>									
Shew all important zeases of perceity and contents thecosed: Cored intervols and all diffil-tion test, including depth intervol tested, cushion used, time foot open, flowing and sharin pressures and recoveries.    Formation														
Show all important zuness of pocesity and contents thereof. Cored intervals and all drill-stem test, including depth interval tested, cushion used, time tool open, flewing and shal-in pressures and recoveries.    Formation	30.6	60 7 4	1 1 1 1				то в	E SOLD	Tat E 4	/I >> ( 1	<del></del>			
incidially depth interval reased, cushion used, time fool open, flowing and shuf-in pressures and recoveries.    Fortunation   Top	30. Summary of Porous Zones (Include Aquifers):  31. Formation (Log) Markers													
incidially depth interval reased, cushion used, time fool open, flowing and shuf-in pressures and recoveries.    Fortunation   Top	Show all imp	ortant zones of po	prosity and c	contents thereof	Cored interv	vals and all	drill-stem tes	st						
Formation Top Bottom Descriptions, Contents, etc. Name Top Ojo Alamo 1294' 13352' White, eag as Section 12194' Kirihand 1332' 1966' Gry shinebelded whight, gry, fine-gr ss Kirihand 1352' Fruidand 1906' 2850' Dk grygr cast sh. coal, grn silts, light-ned gry, fight, line gr ss Fruidand 1906' 2850' 2030' 22035' Levis 2203' Shot will stimon silingers Levis 2203' 2555' Shot will stimon silingers Levis 2203' Shot will stimon silingers Chaeren 2976' 3666' Gry fig are sht, glock-nedic gry, fight as Levis 2203' Light gry, medical fine gr ss produced by the stimon silingers Messa Verde 3666' 3722' 4669' Messifier 3722'								~,	ļ					
Pomation   Top   Bottom   Descriptions, Contents, etc.   Name   Meas. Depth	recoveries.			-	_	_								
Pomation   Top   Bottom   Descriptions, Contents, etc.   Name   Meas. Depth														
Pomation   Top   Bottom   Descriptions, Contents, etc.   Name   Meas. Depth		<del></del>									T			
Clo Alamb  1394  1396  Cly Alamb  1352  1906  Frintland  1352  Frintland  1366  Frintland	Formatio	ın T	)D	Bottom !		Descrip	tions Conte	nts etc		Name				
Riffland   1352'   1906'   City at interbedded volight, gry, fine-gr ss.   Kirlland   1352'	Tomacio	"   '`	P	Bottom		Безепр	nons, come	ms, oto.	•	ramo	Meas. Depth			
Kirltand 1352' 1906' Gry sh isotrobeded whighs, gry, fine-gr ss. Kirltand 1352' Fruitland 1906' 2050' Dk gry-gry carb sh, coal, go also, light-read gry, (light so, go ss. Fruitland 1906' 2050' Lewis 2003' 2555' Show withstone singers Lewis 2203' State withstone singers Lewis 2203' Hurfanito Benonite 2555' 2974' Show withstone singers Lewis 2203' White, waxy clashy bearonie Hurfanito Benonite 2555' April 1906' Show withstone singers Lewis 2203' White, waxy clashy bearonie Hurfanito Benonite 2555' April 1906' Show withstone singers Lewis 2203' Hurfanito Benonite 2555' April 1906' Show with the same	Ojo Alamo 1294'			1352'			White, cr-gr ss	<u></u>	Oio Alamo 1294'					
Pictured Cliffs	·			1906'	,	Gry sh interbe	dded w/tight,	gry, fine-gr ss.		Kirltand 1352'				
Pictured Cliffs	F. W. J.			20501	<u>.</u> .		9. 9. 1.			m. Mand	1000			
Lewis 2203' Huerfamilo Bentonite 2255' 2974' White, way chalky bentonite 2555' White, way chalky bentonite 2555' White, way chalky bentonite 2555' Chaera 2974' 3664' Gry fig gra sly, glauconits do sene wife fix gry shale Chaera 2974' Mesa Verde 3664' 3723' Light gry, med-fine gr ss, carb sh & coal Mesa Verde 3664' Menefee 3723' Ad563' Med-dark gry, fine gr ss, carb sh & coal Menefee 3723' Med-dark gry, fine gr ss, carb sh & coal Menefee 3723' Med-dark gry, fine gr ss, carb sh & coal Menefee 3723' Med-dark gry, fine gr ss, carb sh & coal Menefee 3723' Med-dark gry, fine gr ss, carb sh & coal Menefee 3723' Med-dark gry, fine gr ss, carb sh & coal Menefee 3723' Med-dark gry, fine gr ss, carb sh & coal Menefee 3723' Med-dark gry, fine gr ss, carb sh & coal Menefee 3723' Med-dark gry, fine gr ss, carb sh & coal Menefee 3723' Med-dark gry, fine gr ss, carb sh & coal Menefee 3723' Med-dark gry, fine gr ss, carb sh & coal Menefee 3723' Med-dark gry, fine gr ss, carb sh & coal Menefee 3723' Med-dark gry, fine gr ss, carb sh & coal menefee 3723' Med-dark gry, fine gr sy sr sv fine gr gr yr sv sv fin		1			Dk gry-gry		-				1			
Huerfunito Bentonite   2555   2974   White, wasy chalky bentonite   2555    Chacra   2974   3664   3722   Light gy, med-fine gr st, early sh & coal   Meas Verde   3664   3723   Med-dark gy, fine gr st, early sh & coal   Meas Verde   3664   3723   Med-dark gy, fine gr st, early sh & coal   Meas Verde   3664   Meas Verde   3665   Med-dark gy, fine gr st, early sh & coal   Meas Verde   3665   Med-dark gy, fine gr st, early sh & coal   Meas Verde   3665   Med-dark gy, fine gr st, early sh & coal   Meas Verde   3665   Meas Verde   3723   Med-dark gy, fine gr st, early sh & coal   Meas Verde   3665   Med-dark gy, fine gr st, early sh & coal   Meas Verde   3665   Med-dark gy, fine gr st, early sh & coal   Meas Verde   3665   Meas Verde   3675   Med-dark gy, fine gr st, early sh & coal   Meas Verde   3665   Meas Verde   3675   Med-dark gy, fine gr st, early sh & coal   Meas Verde   3675   Meas Verde   3675   Med-dark gy, fine gr st, early sh & coal   Meas Verde   3675   Meas Verd	•													
Clincra 2974' 3664' 3723' Light gry, meth-fine gr ss, carb sh & coal Mesa Verde 3664' 3723' Light gry, meth-fine gr ss, carb sh & coal Mesa Verde 3664' Menefee 3723' Mod-dark gry, fine gr ss, carb sh & coal Mesa Verde 3664' Menefee 3723' Mod-dark gry, fine gr ss, carb sh & coal Menefee 3723' Mod-dark gry, fine gr ss, carb sh & coal Menefee 3723' Mod-dark gry, fine gr ss, carb sh & coal Menefee 3723' Mod-dark gry, fine gr ss, carb sh & coal Menefee 3723' Mod-dark gry, fine gr ss, carb sh & coal Menefee 3723' Mod-dark gry, fine gr ss, carb sh & coal Menefee 3723' Mod-dark gry, fine gr ss, carb sh & coal Menefee 3723' Mod-dark gry, fine gr ss, carb sh & coal Menefee 3723' Mod-dark gry, fine gr ss, carb sh & coal Menefee 3723' Mod-dark gry, fine gr ss, carb sh & coal Menefee 3723' Mod-dark gry, fine gr ss, carb sh & coal Menefee 3723' Mod-dark gry, fine gr ss, carb sh & coal Menefee 3723' Mod-dark gry, fine gr ss, carb sh & coal Menefee 3723' Mod-dark gry, fine gr ss, carb sh & coal Menefee 3723' Mod-dark gry, gr ss, carb sh & coal Menefee 3723' Mod-dark gry, gr ss, carb sh & coal Menefee 3723' Mod-dark gry, gr ss, carb sh & coal Menefee 3723' Mod-dark gry gry gry ss w Gallup 5521' Greenhorn 6348' Graneros 6401' Light gry	1		1					_						
Mess Verde Mens fee  3723'  4363'  Med-daty gry, fine gr ss, curb sh & coal Med-daty gry, fine gr ss, curb sh & coal Med-daty gry, fine gr ss, curb sh & coal Med-daty gry, fine gr ss, curb sh & coal Med-daty gry, fine gr ss, curb sh & coal Med-daty gry, fine gr ss, curb sh & coal Med-daty gry, fine gr ss, curb sh & coal Med-daty gry, fine gr ss, curb sh & coal Mensfee  3723'  Med-daty gry, fine gr st, curb sh & coal Mensfee  4362'  Daty gr ss wl Gallup  Gallup  5521'  Gallup  5521'  Gallup  5521'  Gallup  5521'  Gallup  5521'  Gallup  5521'  Gallup  5724 Seption for gry gry st wl Minimat  Greenborn  5734'  Gallup  5734 Seption for gry gry gr sw  Gallup  5745 Seption for gry gry gry gry gry gry gry gry gry gr	Auerranno Bentomite 2555 2974					wnite,	waxy chaiky u	entoine		Therranno Bentonne	, 2333			
Mesa Verde Menerfee 3723' 4363' Med-dark gay, fine gr ss, carb sh & coal Med-dark gay, fine gr ss, carb sh & coal Med-dark gay, fine gr ss, carb sh & coal Med-dark gay, fine gr ss, carb sh & coal Med-dark gay, fine gr ss, carb sh & coal Menerfee 3723' Mancos 4837' Med-dight gry, very fine gr sy dreguent sh breaks in lower part of formation Dark gry carb sh. Mancos 4837' Mancos 4837' Mancos 4837' Greenhorn 6348' Greenhorn 6348' Graneros 6401' High year gay sh wit thin limst. Greenhorn 6348' Graneros 6401' Lt gry to brin calc carb mixes glaus sits & very fine gry gry ss w/ irreg. interbed sh. Us gry shale, footsl & carb w/ grytic incl. Lt to dark gry fine gry gry ss w/ Interbed gay, but with limst. Graneros 6401' Lt to dark gry fine gry gry ss w/ Interbed gay, shale foresl & carb w/ grytic incl. Lt to dark gry fine gry gry ss w/ Interbed gay, shale foresl & carb w/ grytic incl. Lt to dark gry fine gry gry ss w/ Interbed gay, shale foresl & carb w/ grytic incl. Lt to dark gry fine gry gry ss w/ Interbed gay sh wf thin limst. Greenhorn 6348' Graneros 6401' Lt to dark gry fine gry gry ss w/ Gallup 5521' Greenhorn 6348' Graneros 6401' Lt gry to bern calc carb mixes glaus sits & very fine gry gry ss w/ Interbed gay sh wf thin limst. Greenhorn 6348' Dark gry state, footsl & carb w/ grytic incl. Graneros 6401' Lt to dark gry fine gry gry ss w/ Interbed gay sh wf thin limst. Greenhorn 6348' Dark gry fine gry gry ss w/ Gallup 5521' Gallup 5521' Lt do dark gry fine gry gry ss w/ Gallup 5521' Lt gry to bern calc carb interbed sh. Graneros 6401' Lt gry talk, footsl & carb w/ grytic incl. Greenhorn 6348' Dark gry shale, footsl & carb w/ grytic incl. Greenhorn 6348' Dark gry shale, footsl & carb w/ grytic incl. Greenhorn 6348' Dark gry shale, footsl & carb w/ grytic incl. Greenhorn 6439' Dark gry talk, footsl & carb w/ grytic incl. Greenhorn 6430' Dark gry talk, footsl & carb w/ grytic incl. Greenhorn 6401' Dark gry talk, footsl & carb w/ grytic incl. Greenhorn 6401' Dark gry talk, footsl & carb w/ grytic incl. Greenhorn 6401'	Chacra	Chacra 2974' 3664' Gry fin grn silty.				n gra silty, gla	uconitic sd sto	one w/ drk gry shale		Chacra	2974'			
Point Lookout 4363' 4837' 5521' Mancos 4837' 5521' Gallup 5521' 6348' Greenhorn 6348' 6401' Dakota 6439' Morisson  32. Additional remarks (include plugging procedure):  This is a Blanco Mesaverde, Basin Dakota & Basin Mancos commingle well under DHC4555    Med-light gry, very fine gry saw of frequent sh breaks in lower part of formation of Carleton formation is complete and correct as determined from all available records (see attached instructions)*    Med-light gry, very fine gr saw of frequent sh breaks in lower part of formation of Carleton formation is complete and correct as determined from all available records (see attached instructions)*    Med-light gry, very fine gr saw of frequent sh breaks in lower part of formation of Carleton formation is complete and correct as determined from all available records (see attached instructions)*    Med-light gry, very fine gr saw of frequent sh breaks in lower part of formation   Point Lookout   4363'     Mancos   4837'     Gallup   5521'     Greenhorn   6348'     Greenhorn   6491'     Dakto   6490'     Dakto   6490'     Dakto   6490'     Greenhorn   6490'     Dakto   6490'     Greenhorn   6490'     G	Mesa Verde 3664'			· ·				ļ	Mesa Verde					
Point Lookout 4363' 4837' 5521' Mancos 4837' 5521' Gallup 5521' 6348' Greenhorn 6348' 6401' Dakota 6439' Morisson  32. Additional remarks (include plugging procedure):  This is a Blanco Mesaverde, Basin Dakota & Basin Mancos commingle well under DHC4555    Med-light gry, very fine gry saw of frequent sh breaks in lower part of formation of Carleton formation is complete and correct as determined from all available records (see attached instructions)*    Med-light gry, very fine gr saw of frequent sh breaks in lower part of formation of Carleton formation is complete and correct as determined from all available records (see attached instructions)*    Med-light gry, very fine gr saw of frequent sh breaks in lower part of formation of Carleton formation is complete and correct as determined from all available records (see attached instructions)*    Med-light gry, very fine gr saw of frequent sh breaks in lower part of formation   Point Lookout   4363'     Mancos   4837'     Gallup   5521'     Greenhorn   6348'     Greenhorn   6491'     Dakto   6490'     Dakto   6490'     Dakto   6490'     Greenhorn   6490'     Dakto   6490'     Greenhorn   6490'     G	Menefe	e 37	23'	4363'		Med-dark or	v fine or ss. c:	arb sh & coal		Menefee .	3723'			
Point Lookout 4363' Mancos 4837' 5521' Dark gay earb sh. Mancos 4837' 5521' Dark gay earb sh. Mancos 4837' 5521' Gallup 5521' Garentora 6348' 6401' Highly cale gry sh within limst. Greenhorn 6348' Graneros 6401' 6439' Dk gry shale, fooili & carb will prefer inch. Greenhorn 6348' Morrison Dakota 6439' Lt. of dark gry foss and a cale al stirty as w/ grytie inch. Graneros 6401' Lt to dark gry foss and a cale al stirty as w/ grytie inch. Graneros 6401' Morrison Dakota 6439' Morrison Dakota 6439' Morrison This is a Blanco Mesaverde, Basin Dakota & Basin Mancos commingle well under DHC4555  32. Additional remarks (include plugging procedure):  This is a Blanco Mesaverde, Basin Dakota & Basin Mancos commingle well under DHC4555  33. Indicate which items have been attached by placing a check in the appropriate boxes:  X Electrical/Mechanical Logs (I full set reg'd) Geologic Report DST Report Directional Survey  Sundry Notice for plugging and cement verification Core Analysis Other:  34. Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name (please print) Atleen Kellywood Title Staff Regulatory Tech.  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					Med-light or				vil					
Gallup 5521' Greenhorn 6348' 6401' Graneros 6401' 6439' Dakota 6439' Morrison  32. Additional remarks (include plugging procedure):  This is a Blanco Mesaverde, Basin Dakota & Basin Mancos commingle well under DHC4555    Staff Regulatory Tech.   Staff Regulatory Tech.	Point Look	cout 43	63'	4837'	J	,,,				Point Lookout	4363'			
Gallup   5521'   6348'   fireg. interbed sh.   Gallup   5521'   Greenhorn   6348'   6401'   Highly cale gry sh wt this Imst.   Greenhorn   6348'   Greenhorn   6401'   Greenhorn   6401'   Greenhorn   6401'   Greenhorn   6439'   Greenhorn   6449'	Mancos	. 48	37'	5521'		. D	ark gry carb s	h.		Mancos	4837'			
Greenhorn 6348' 6401' 6439' Dk gry shale, lossif & carb wf pyric inet.  Dakota 6439' Lt to dark gry foss carb wf yoric inet.  Lt to dark gry foss carb wf pyric inet.  Lt to dark gry foss carb wf pyric inet.  Lt to dark gry foss carb wf pyric inet.  Lt to dark gry foss carb wf pyric inet.  Lt to dark gry foss carb wf pyric inet.  Lt to dark gry foss carb wf pyric inet.  Lt to dark gry foss carb wf pyric inet.  Lt to dark gry foss carb wf pyric inet.  Lt to dark gry foss carb wf pyric inet.  Lt to dark gry foss carb wf pyric inet.  Lt to dark gry foss carb wf pyric inet.  Lt to dark gry foss carb wf pyric inet.  Lt to dark gry foss carb wf pyric inet.  Interbed grn, brn & red waxy sh & fine to coard grn ss  Morrison  32. Additional remarks (include plugging procedure):  This is a Blanco Mesaverde, Basin Dakota & Basin Mancos commingle well under DHC4555  This is a Blanco Mesaverde, Basin Dakota & Basin Mancos commingle well under DHC4555   Signature Directional Survey  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	C. II		211	62.401	Lt. gry to b				<b>/</b>					
Dakota   Graneros   G401'   G439'   Lit of dark gry fosts carb wit pyrite inct.   Graneros   G401'   Lit of dark gry fosts carb sit ead sit sity as wit pyrite inct.   Graneros   G401'   Dakota   G439'   Dakota   Dakota   G439'   Dakota   Dakota   G439'   Dakota   Dakota   G439'   Dakota   G439'   Dakota		i	l l							· ·				
Dakota   Dakota   6439'   Lt to dark gry foss earls calc sl stirty saw by prite incl thin sh bands clue sl stirty saw by prite incl thin sh bands   Dakota   6439'		1	1		1			•						
Dakota 6439' Morrison  32. Additional remarks (include plugging procedure):  This is a Blanco Mesaverde, Basin Dakota & Basin Mancos commingle well under DHC4555  33. Indicate which items have been attached by placing a check in the appropriate boxes:  X Electrical/Mechanical Logs (I full set req'd.)	Granero	5   04	01	0439					is	Graneros	0401			
32. Additional remarks (include plugging procedure):  This is a Blanco Mesaverde, Basin Dakota & Basin Mancos commingle well under DHC4555  33. Indicate which items have been attached by placing a check in the appropriate boxes:  X Electrical/Mechanical Logs (I full set reqd.)	Dakota	ı 64	39'	•		cl	y Y shale brea	ks ·		. Dakota	6439'			
This is a Blanco Mesaverde, Basin Dakota & Basin Mancos commingle well under DHC4555  33. Indicate which items have been attached by placing a check in the appropriate boxes:    X   Electrical/Mechanical Logs (I full set req'd)					Interb	ed grn, brn &	red waxy sh &	fine to coard grn ss		Morrison				
33. Indicate which items have been attached by placing a check in the appropriate boxes:    X   Electrical/Mechanical Logs (I full set reqid.)   Geologic Report   DST Report   Directional Survey	32, Additional	remarks (include)	plugging pro	•	mao Mocor	ordo Dosin	Doboto &	Pasin Manage comm	ingle well und	or DUC4555				
X   Electrical/Mechanical Logs (1 full set req'd.)   Geologic Report   DST Report   Directional Survey				THIS IS A DIA	inco miesav	erde, Dasin	i Dakuta &	· Mancos comin	mgie wen und	et DAC4333				
X   Electrical/Mechanical Logs (1 full set req'd.)   Geologic Report   DST Report   Directional Survey										•				
X   Electrical/Mechanical Logs (1 full set req'd.)   Geologic Report   DST Report   Directional Survey														
X   Electrical/Mechanical Logs (1 full set req'd.)   Geologic Report   DST Report   Directional Survey														
X   Electrical/Mechanical Logs (1 full set req'd.)   Geologic Report   DST Report   Directional Survey										•				
X   Electrical/Mechanical Logs (1 full set req'd.)   Geologic Report   DST Report   Directional Survey														
X   Electrical/Mechanical Logs (1 full set req'd.)   Geologic Report   DST Report   Directional Survey														
X   Electrical/Mechanical Logs (1 full set req'd.)   Geologic Report   DST Report   Directional Survey										· · · · · · · · · · · · · · · · · · ·				
Sundry Notice for plugging and cement verification Core Analysis Other:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name (please print) Arleen Kellywood Title Staff Regulatory Tech.  Signature Date 11/30/12  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	33. Indicate wl	hich items have be	en attached	by placing a chec	ck in the app	propriate box	xes:							
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name (please print)  Arleen Kellywood  Title  Staff Regulatory Tech.  Date  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	X Electrica	l/Mechanical Log	s (1 full set	req'd.)		Geo	logic Report	DS	T Report	Directional Surv	<sup>2</sup> ey			
Name (please print)  Arleen Kellywood  Title  Staff Regulatory Tech.  Date  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	Sundry N	Notice for plugging	g and cemen	t verification		Core	e Analysis	Ot	her:					
Name (please print)  Arleen Kellywood  Title  Staff Regulatory Tech.  Date  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	34. I hereby ce	ertify that the fores	going and at	tached informatio	n is complet	te and corre	ct as determi	ined from all available	records (see a	ttached instructions)*				
Signature Orleen Kellyword Date 11/30/12  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	•		. 5		-		•		`	·	$\wedge$			
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				Lleen C	Kolli	MANGA	<del></del>		11/2	ı				
	Signal	ше			, 400	1 Mary		Date	11/2					
								owingly and willfully	to make to any	department or agency of the Unit	ed States any			

(Continued on page 3) (Form 3160-4, page 2)

Form 3160-4 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED

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

BUREAU OF LAND MANAGEMENT NOV 30 2012

								M	114 00 40 -					
		WELL CO	OMPLETION	OR REC	OMPLETIO	N REPOR	T AND LO	OG,	04 20 5015	<ol><li>Lease Serial No</li></ol>				
										fice	I-149-INI	)-84	73	
a. Type of Well	<del></del>	Oil Well	X Gas Well		Dry	Other	Far	mi	<del>ngton Field C</del> c≴√.and Mana	6. If Indian, Allot	tee or Tribe Nam	e (		
b. Type of Completion	ı; X	New Well	☐ Work Ov	rer	Deepen	Plug Ba	:kBulel@	oin. E	cosvr.,and man	K	coort 4	9	easa.	
	,	Other;			•					7. Unit or CA Agreement Name and No. HUERFANITO UNIT				
2. Name of Operator		————								8. Lease Name an				
s, rame of Operator		Burline	gton Resourc	es Oil & G	as Compan	v				o. Deade Hame all	Huerfanito	Unit	82P	
3. Address					Ba. Phone No.		code)			9. API Well No.		,	<del></del> .	
P	O Box 4289, Farmir					(50	)5) <b>326-</b> 97	700				3532	9-00cz	
Location of Well (Re	port location clearly and	in accordance	with Federal red	quirements)*						10. Field and Poo				
A			UNITE P	(CIII/NIII) 2	CONTENT P. 17	O FWI			,	11. Sec., T., R., I	Basin Ma			
At surface	•		UNITE	(314/1114), 20	500' FNL & 27	OFWL					SURFACE: SE		•	
							•			·		0. 20,	, 12/11, 122 //	
At top prod. Interva	I reported below			UN	IT E (SW/NW	/), 2600' FNL	& 270' FW	L		12. County or Pa	ırish	1	13. State	
At total depth		lic D		E (SW/NW)	, 2600' FNL &					Sa 17. Elevations (I	n Juan	\*	New Mexico	
14. Date Spudded	/11/2012	15. Date	T.D. Reached 7/22/2012		16. Date Co	D & A	X Ready	to Pr	rod. 11/13/2012	17. Elevations (L	6174' GL /		кв	
18. Total Depth:	MD	6754		lug Back T.D.		MD	6685'		20. Depth Bridge Plug Se	ıt.	MD MD			
16. 10таг Берит.	TVD	0/34	. 12. 11	ng Dack 1.D.		TVD	0000	ľ	-s. Depin Driage Flag Se	•••	TVD			
21. Type Electric & O	ther Mechanical Logs Rur	(Submit cop	v of each)						22. Was well cored?		X No	ΙY	es (Submit analysis)	
			R/CCL/CBL					-	Was DST run?		X No		es (Submit report)	
									Directional Survey	,	X No		es (Submit copy)	
23 Casing and Liner F	Record (Report all strings	set in well)							. Directional darvey		12,10	<u> </u>	es (odomit copy)	
			T. 04	,, D	(MD)	Stage Co	ementer		No. of Sks. &	Slurry Vol.	C	. *	A Dulla d	
Hole Size	Size/Grade	ade Wt. (#/ft.) Top (MD)		) ' B	Bottom (MD) Depth			Type of Cement	(BBL)	Cement to		Amount Pulled		
12 1/4"	9 5/8" / H-40	32.3#	0		230'	n/			76sx-Pre-mix	22bbls			7bbls	
8 3/4"	7" / J-55	23# /			38891	n/			513sx-Premuim Lite		185bbls Surface		55bbls	
6 1/4"	4 1/2" / L-80	11.6#	0	-	6743'	n,	a		222sx-Premuim Lite		80bbls 3150'		n/a	
RCVD DEC 18 '12														
										Uii	LICUNS. I	)i\	u	
24. Tubing Record											DIST. 3			
Size	Depth Set (MD)	Pacl	er Depth (MD)	Siz	e D	epth Set (MD	)	P	acker Depth (MD)	Size	Depth Set (N	ИD)	Packer Depth (MD)	
2 3/8", 4.7#, J-55	6429'		n/a ·											
25. Producing Interval			T T	D-44		Perforation Re		I I-da		Sina T	No Holes		Deef Status	
A)	Formation  Lower Mancos		Top 5764'	Botte 586			Perforated 3SP		rvai	Size	No. Holes		Perf. Status open	
A) B)	Upper Mancos		5631'	569			3SP			.34"	51	<del></del>	open	
C)	Total	, <u></u>									102		· · · · · · · · · · · · · · · · · · ·	
D)														
27. Acid, Fracture, Tr	eatment, Cement Squeeze	, etc.												
	Depth Interval		4	LL16150/	HCL For ald o	./ 22 254 204			ant and Type of Material Fluid w/ 143,640# of 20/-	to Asiana and '	Total No. 2 1671	00057	יפור	
	5764' - 5860'													
	5631' - 5696'		Acidize w/ 10	bbls of 15%	HCL, Frac'd w	v/ 41,368 gal 2	20# 70% N2	Line	r Gel w/ 153,442# of 20/	40 Arizona sand.	Total N2: 2,488,	900S	CF.	
													<del></del>	
											<del></del> -			
28. Production - Inter		Tu um	Test	Ωil	Gae	Water	Oil Gravity		Gas	Production	Method			
Date First Produced	Test Date		Test Production	Oil BBL	Gas MCF	Water BBL	Corr. API		Gravity	1 Todaction	memou		•	
	٠		DEFECTION OF		.=-				1	1			-	
N/A	11/12/2012	1hr.		0/boph	7/mcf/h	trace/bwph			n/a		FLO	OWI	1G	
Choke	Tbg. Press.		24 Hr.	Oil	Gas	Water	Gas/Oil		Well Status					
Size Flwg. Press. Rate BBL MCF BBL Ratio														
1/2" SI-549psi SI-492psi 0/bopd 164/mcf/d 9/ bwpd n/a SHUT IN														
28a. Production - Into	<del></del>	J GC 472pst			1 10 0,1110,114	1, 2, 3, pa			<del></del>					
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity		Gas	· Production	Method			
Produced		Tested	Production	BBL	MCF	BBL	Corr. API		Gravity	ļ.				
				1										
Choke	Tbg. Press.	Cea	24 Hr.	Oil	Gas	Water	Gas/Oil		Well Status				· · · · · · · · · · · · · · · · · · ·	
Size	Flwg.	_	Rate	BBL .	MCF	BBL	Ratio		THE STATE OF THE S					
	I	1		1 1 1	1				1					

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

SI

ACCEPTED FOR RECORD

DEC <sup>1</sup> 5 2012

FARMINGTON FIELD OFFICE BY To Solvers





28b. Production	- Interval	<del>c</del>											
· ·			Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method			
Choke Size	Tbg. Pres Flwg. SI	SS.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status				
28c. Production	т												
Date First Produced	Test Date		Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method			
Choke Size	Tbg. Pres Flwg. SI	SS.	Csg. Press.	24 Hr. Rate	Oil Gas Water Gas/Oil BBL MCF BBL Ratio			Gas/Oil Ratio	Well Status		e e e e e e e e e e e e e e e e e e e		
29. Disposition	of Gas (So	lid, used	for fuel, v	ented, etc.)									
							TO BE	SOLD					
30. Summary of Porous Zones (Include Aquifers):  31. Formation (Log) Markers													
-		-		ontents thereof: d, time tool open				t,					
Formation Top Bott				Bottom-	1	Descript	tions, Conter	nts, etc.		Name	Top Meas, Depth		
Ojo Alam	0	1294	<del>-  </del>	1352'	ent] e		White, cr-gr ss		1	Ojo Alamo	1294'		
Kirltand	1	1352	' <u> </u> .	1906'	(	Gry sh interbed	dded w/tight, g	gry, fine-gr ss.		Kirltand	1352'		
Fruitland	ı	1906	, }	2050'	Dk gry-gry	carb sh, coal, p	grn silts, light-	med gry, tight, fine gr ss		Fruitland	1906'		
Pictured Cl	iffs	2050	1	2203'			y, fine grn, tig			Pictured Cliffs	2050'		
Lewis Huerfanito Ber	ntamita	2203		2555'			w/ siltstone sti	_		Lewis	2203'		
ниепапио вег	ntonite	2555		2974'		White, v	vaxy chalky be	entonite		Huerfanito Bentonite	2555'		
Chacra	Chacra 2974' 3664' Gry fin grn silty, glauconitic sd stone w/ drk gry shale				ne w/ drk gry shale		Chacra	2974'					
Mesa Ver	de	3664	,	3723'		Light gry, me	d-fine gr ss, ca	arb sh & coal	1	Mesa Verde	3664'		
Menefee	;	3723	'	4363'		Med-dark gry	y, fine gr ss, ca	rb sh & coal		Menefee	3723'		
Point Look	out	4363	,	4837'	Med-light gr	y, very fine gr	ss w/ frequent formation	sh breaks in lower part	of	Point Lookout	4363'		
· Mancos		4837		5521'		D	ark gry carb sl	n ·		Mancos	4837'		
					Lt. gry to br	n calc carb mi	icac gluac silts	& very fine gry gry ss v	<i>il</i>				
Gallup		5521		6348'			reg. interbed sl			Gallup	5521'		
Greenhor Graneros	1	6348 6401		6401' 6439'			alc gry sh w/ tl fossil & carb v			Greenhorn Graneros	6348' 6401'		
	1			0,0,		y foss carb sl	calc sl sitty ss	w/ pyrite incl thin sh ban	ds				
Dakota . Morrisor		6439			Interbe		y Y shale breal red waxy sh &	s fine to coard grn ss		Dakota Morrison	6439'		
32. Additional r		clude plu	igging pro	•	<del>-</del>			Basin Mancos comm	ningle well und	-			
				•				•					
33. Indicate wh	ich items l	nave been	attached	by placing a chec	ck in the app	ropriate box	es:			-			
X Electrical						_	logic Report	D	ST Report	Directional S	Survey		
Sundry N	lotice for p	lugging a	nd cement	verification		Core	Analysis		her:				
34. I hereby cer	rtify that th	e foregoi	ing and att	ached informatio	n is complet	e and correc	et as determi	ned from all availabl	e records (see a	ttached instructions)*			
Name (	(please pri	nt)		Arle	en Kellywo	od n		Title		Staff Regulatory Tech.	na/		
Signati	ıre		<u> </u>	rleen t	Ellin	urral		Date	11/30/	12	VO		
				S.C. Section 121 presentations as t	•			owingly and willfully	to make to any	department or agency of the I	Jnited States any		

(Continued on page 3) (Form 3160-4, page 2)