

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

RCVD JUL 20 '12

OIL CONS. DIV.

OMB No. 1004-0137

Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG  
JUL 17 2012

1a Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5 Lease Serial No <b>SF-079265</b>	
b Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Other		6 If Indian, Allottee or Tribe Name	
Other		7 Unit or CA Agreement Name and No	
2 Name of Operator <b>Burlington Resources Oil &amp; Gas Company</b>		8 Lease Name and Well No <b>KLEIN 19P</b>	
3 Address <b>PO Box 4289, Farmington, NM 87499</b>		9 API Well No <b>30-039-30770</b>	
3a Phone No (include area code) <b>(505) 326-9700</b>		10 Field and Pool or Exploratory <b>BASIN DAKOTA</b>	
4 Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>UNIT G (SW/NE), 2394' FNL &amp; 2099' FEL</b>  At top prod Interval reported below <b>UNIT G (SW/NE), 1956' FNL &amp; 2380' FEL</b>  At total depth <b>UNIT G (SW/NE), 1956' FNL &amp; 2380' FEL</b>		11 Sec., T., R., M., on Block and Survey or Area <b>SEC: 34, T26N, R06W</b>	
14 Date Spudded <b>3/26/2012</b>		15 Date T D Reached <b>4/12/2012</b>	
16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod <b>6/18/2012 GRC</b>		17 Elevations (DF, RKB, RT, GL)* <b>6683'</b>	
18 Total Depth MD <b>7475'</b> TVD <b>7414'</b>		19 Plug Back T D MD <b>7445'</b> TVD <b>7384'</b>	
20 Depth Bridge Plug Set MD <b>7445'</b> TVD <b>7384'</b>		21 Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>GR/CCL/CBL</b>	
22 Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)		23 Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report)	
24 Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)		25 Casing and Liner Record (Report all strings set in well)	
26		27	
28		29	
30		31	
32		33	
34		35	
36		37	
38		39	
40		41	
42		43	
44		45	
46		47	
48		49	
50		51	
52		53	
54		55	
56		57	
58		59	
60		61	
62		63	
64		65	
66		67	
68		69	
70		71	
72		73	
74		75	
76		77	
78		79	
80		81	
82		83	
84		85	
86		87	
88		89	
90		91	
92		93	
94		95	
96		97	
98		99	
100		101	
102		103	
104		105	
106		107	
108		109	
110		111	
112		113	
114		115	
116		117	
118		119	
120		121	
122		123	
124		125	
126		127	
128		129	
130		131	
132		133	
134		135	
136		137	
138		139	
140		141	
142		143	
144		145	
146		147	
148		149	
150		151	
152		153	
154		155	
156		157	
158		159	
160		161	
162		163	
164		165	
166		167	
168		169	
170		171	
172		173	
174		175	
176		177	
178		179	
180		181	
182		183	
184		185	
186		187	
188		189	
190		191	
192		193	
194		195	
196		197	
198		199	
200		201	
202		203	
204		205	
206		207	
208		209	
210		211	
212		213	
214		215	
216		217	
218		219	
220		221	
222		223	
224		225	
226		227	
228		229	
230		231	
232		233	
234		235	
236		237	
238		239	
240		241	
242		243	
244		245	
246		247	
248		249	
250		251	
252		253	
254		255	
256		257	
258		259	
260		261	
262		263	
264		265	
266		267	
268		269	
270		271	
272		273	
274		275	
276		277	
278		279	
280		281	
282		283	
284		285	
286		287	
288		289	
290		291	
292		293	
294		295	
296		297	
298		299	
300		301	
302		303	
304		305	
306		307	
308		309	
310		311	
312		313	
314		315	
316		317	
318		319	
320		321	
322		323	
324		325	
326		327	
328		329	
330		331	
332		333	
334		335	
336		337	
338		339	
340		341	
342		343	
344		345	
346		347	
348		349	
350		351	
352		353	
354		355	
356		357	
358		359	
360		361	
362		363	
364		365	
366		367	
368		369	
370		371	
372		373	
374		375	
376		377	
378		379	
380		381	
382		383	
384		385	
386		387	
388		389	
390		391	
392		393	
394		395	
396		397	
398		399	
400		401	
402		403	
404		405	
406		407	
408		409	
410		411	
412		413	
414		415	
416		417	
418		419	
420		421	
422		423	
424		425	
426		427	
428		429	
430		431	
432		433	
434		435	
436		437	
438		439	
440		441	
442		443	
444		445	
446		447	
448		449	
450		451	
452		453	
454		455	
456		457	
458		459	
460		461	
462		463	
464		465	
466		467	
468		469	
470		471	
472		473	
474		475	
476		477	
478		479	
480		481	
482		483	
484		485	
486		487	
488		489	
490		491	
492		493	
494		495	
496		497	
498		499	
500		501	
502		503	
504		505	
506		507	
508		509	
510		511	
512		513	
514		515	
516		517	
518		519	
520		521	
522		523	
524		525	
526		527	
528		529	
530		531	
532		533	
534		535	
536		537	
538		539	
540		541	
542		543	
544		545	
546		547	
548		549	
550		551	
552		553	
554		555	
556		557	
558		559	
560		561	
562		563	
564		565	
566		567	
568		569	
570		571	
572		573	
574		575	
576		577	
578		579	
580		581	
582		583	
584		585	
586		587	
588		589	
590		591	
592		593	
594		595	
596		597	
598		599	
600		601	
602		603	
604		605	
606		607	
608		609	
610		611	
612		613	
614		615	
616		617	
618		619	
620		621	
622		623	
624		625	
626		627	
628		629	
630		631	
632		633	
634		635	
636		637	
638		639	
640		641	
642		643	
644		645	
646		647	
648		649	
650		651	
652		653	
654		655	
656		657	
658		659	
660		661	
662		663	
664		665	
666		667	
668		669	
670		671	
672		673	
674		675	
676		677	
678		679	
680		681	
682		683	
684		685	
686		687	
688		689	
690		691	
692		693	
694		695	
696		697	
698		699	
700		701	
702		703	
704		705	
706		707	
708		709	
710		711	
712		713	
714		715	
716		717	
718		719	
720		721	
722		723	
724		725	
726		727	
728		729	
730		731	
732		733	
734		735	
736		737	
738		739	
740		741	
742		743	
744		745	
746		747	
748		749	
750		751	
752		753	
754		755	
756		757	
758		759	
760		761	
762		763	
764		765	
766		767	
768		769	
770		771	
772		773	
774		775	
776		777	
778		779	
780		781	
782		783	
784		785	
786		787	
788		789	
790		791	
792		793	
794		795	
796		797	
798		799	
800		801	
802		803	
804		805	
806		807	
808		809	
810		811	
812		813	
814		815	
816		817	
818		819	
820		821	
822		823	
824		825	
826		827	
828		829	
830		831	
832		833	
834		835	
836		837	
838		839	
840		841	
842		843	
844		845	
846		847	
848		849	
850		851	
852		853	
854		855	
856		857	
858		859	
860		861	
862		863	
864		865	
866		867	
868		869	
870		871	
872		873	
874		875	
876		877	
878		879	
880			

## 28b Production - Interval C

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 Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

## 28c Production - Interval D

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 Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

## TO BE SOLD

## 30 Summary of Porous Zones (Include Aquifers)

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

## 31 Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc	Name	Top
					Meas Depth
Ojo Alamo	2303'	2524'	White, cr-gr ss	Ojo Alamo	2303'
Kirtland	2524'	2716'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirtland	2524'
Fruitland	2716'	2933'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	2716'
Pictured Cliffs	2933'	3067'	Bn-Gry, fine grn, tight ss	Pictured Cliffs	2933'
Lewis	3067'	3371'	Shale w/ siltstone stringers	Lewis	3067'
Huerfanto Bentonite	3371'	3441'	White, waxy chalky bentonite	Huerfanto Bentonite	3371'
Chacra	3441'	4419'	Gry fin grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3441'
Mesa Verde	4419'	4633'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4419'
Menefee	4633'	5199'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4633'
Point Lookout	5199'	5520'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5199'
Mancos	5520'	6216'	Dark gry carb sh	Mancos	5520'
Gallup	6216'	7096'	Lt gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg interbed sh	Gallup	6216'
Greenhorn	7096'	7147'	Highly calc gry sh w/ thin lmst	Greenhorn	7096'
Graneros	7147'	7203'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	7147'
Dakota	7203'	7475'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7203'
Morrison			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 &amp; Basin Mancos trimingle well under DHC4500.

33 Indicate which items have been attached by placing a check in the appropriate boxes.

- ☒ 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)

Marie E. Jaramillo

Title

Staff Regulatory Tech

Signature

Date

7/13/12

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 false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

RCVD JUL 20 '12

OIL CONS. DIV.

FORM APPROVED  
OMB No. 1004-0037

Expires July 31, 2010

JUL 17 2012

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office

5 Lease Serial No

SF-079265

1a Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resrv

6 Indian, Allottee or Tribe Name

Other

7 Unit or CA Agreement Name and No

2 Name of Operator

Burlington Resources Oil &amp; Gas Company

8 Lease Name and Well No

KLEIN 19P

3 Address

PO Box 4289, Farmington, NM 87499

3a Phone No (include area code)

(505) 326-9700

9 API Well No.

30-039-30770

4 Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface

UNIT G (SW/NE), 2394' FNL &amp; 2099' FEL

10 Field and Pool or Exploratory

BASIN MANCOS

11 Sec, T, R, M, on Block and  
Survey or Area

SEC: 34, T26N, R06W

At top prod Interval reported below

UNIT G (SW/NE), 1956' FNL &amp; 2380' FEL

12 County or Parish

Rio Arriba

13 State

New Mexico

At total depth

UNIT G (SW/NE), 1956' FNL &amp; 2380' FEL

14 Date Spudded

3/26/2012

15 Date T D Reached

4/12/2012

16 Date Completed

☐ D & A☒ Ready to Prod

6/15/2012 GRC

17 Elevations (DF, RKB, RT, GL)\*

6683'

18 Total Depth

MD

7475'

TVD

7414'

19 Plug Back T D

MD

7445'

TVD

7384'

20 Depth Bridge Plug Set

MD

TVD

21 Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

GR/CCL/CBL

22 Was well cored?

☒ No☐ Yes (Submit analysis)

Was DST run?

☒ No☐ Yes (Submit report)

Directional Survey?

☐ No☒ Yes (Submit copy)

23 Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8" / H-40	32.3#	0	234'	n/a	76sx-Pre-mix	22bbls	Surface	5bbls
8 3/4"	7" / J-55	23#	0	4792'	n/a	633sx-Premium Lite	228bbls	Surface	62bbls
6 1/4"	4 1/2" / L-80	11.6#	0	7468'	n/a	212sx-Premium Lite	76bbls	TOC @ 3620'	n/a

24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	7361'	n/a						

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Lower Mancos	6440'	6598'	3SPF	.34"	51	open
B) Upper Mancos	6232'	6364'	3SPF	.34"	51	open
C)						
D)						

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
6440' - 6598'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 133,350gals of 70% Quality N2 25# X-Link/foam w/ 76,523# of 20/40 Brown sand. Pumped 100bbls flush. Total N2:1,246,400SCF
6232' - 6364'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 182,112gals of 70% Quality N2 25# X-Link/foam w/ 165,738# of 20/40 Brown sand. Pumped 97bbls flush. Total N2:3,179,600SCF

28 Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
6/15/2012	6/21/2012	1hr.	→	n/a / boph	13 / mcf/h	1 / bwph	n/a	n/a	FLOWING
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	SI-926psi	SI-823psi	→	n/a / bopd	316 / mcf/d	24 / bwpd	n/a		SHUT IN

28a Production - Interval B

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 Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI		→						

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

ACCEPTED FOR RECORD

NMOCD

JUL 18 2012

FARMINGTON FIELD OFFICE

SV -

## 28b Production - Interval C

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 Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

## 28c Production - Interval D

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 Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

## TO BE SOLD

## 30 Summary of Porous Zones (Include Aquifers)

## 31 Formation (Log) Markers

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem test, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top	Bottom	Descriptions, Contents, etc	Name	Top
					Meas Depth
Ojo Alamo	2303'	2524'	White, cr-gr ss	Ojo Alamo	2303'
Kiltland	2524'	2716'	Gry sh interbedded w/tight, gry, fine-gr ss	Kiltland	2524'
Fruitland	2716'	2933'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	2716'
Pictured Cliffs	2933'	3067'	Bn-Gry, fine grn, tight ss	Pictured Cliffs	2933'
Lewis	3067'	3371'	Shale w/ siltstone stringers	Lewis	3067'
Huerfanito Bentonite	3371'	3441'	White, waxy chalky bentonite	Huerfanito Bentonite	3371'
Chacra	3441'	4419'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3441'
Mesa Verde	4419'	4633'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4419'
Menefee	4633'	5199'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4633'
Point Lookout	5199'	5520'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5199'
Mancos	5520'	6216'	Dark gry carb sh	Mancos	5520'
Gallup	6216'	7096'	Lt gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg interbed sh	Gallup	6216'
Greenhorn	7096'	7147'	Highly calc gry sh w/ thin lmst	Greenhorn	7096'
Graneros	7147'	7203'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	7147'
Dakota	7203'	7475'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7203'
Morrison			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 trimingle well under DHC4500.

## 33. Indicate which items have been attached by placing a check in the appropriate boxes

- ☒ 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)

Marie E. Jaramillo

Title

Staff Regulatory Tech

Signature

Date

7/13/12

TE

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 17 2012

RCUD JUL 20 12  
OIL CONS. DIV.  
FORM 3160-4  
OMB No 1004-0137  
Expires July 31, 2010WELL COMPLETION OR RECOMPLETION REPORT AND LOG  
Farmington Field Office  
Bureau of Land Management5 Lease Serial No  
SF-079265

1a Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6 If Indian, Allottee or Tribe Name	
b Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff Resrv		7 Unit or CA Agreement Name and No	
2 Name of Operator <b>Burlington Resources Oil &amp; Gas Company</b>		8 Lease Name and Well No <b>KLEIN 19P</b>	
3 Address <b>PO Box 4289, Farmington, NM 87499</b>		9 API Well No <b>30-039-30770</b>	
3a Phone No (include area code) <b>(505) 326-9700</b>		10 Field and Pool or Exploratory <b>BLANCO MV</b>	
4 Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>UNIT G (SW/NE), 2394' FNL &amp; 2099' FEL</b>  At top prod Interval reported below <b>UNIT G (SW/NE), 1956' FNL &amp; 2380' FEL</b>  At total depth <b>UNIT G (SW/NE), 1956' FNL &amp; 2380' FEL</b>		11 Sec, T, R, M, on Block and Survey or Area <b>SEC: 34, T26N, R06W</b>	
14 Date Spudded <b>3/26/2012</b>		15 Date T D Reached <b>4/12/2012</b>	
16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod <b>6/15/2012 GRC</b>		17 Elevations (DF, RKB, RT, GL)* <b>6683'</b>	
18 Total Depth MD <b>7475'</b> TVD <b>7414'</b>		19 Plug Back T D MD <b>7445'</b> TVD <b>7384'</b>	
20 Depth Bridge Plug Set MD TVD		21 Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>GR/CCL/CBL</b>	
22 Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)		23 Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report)	
24 Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)			

Hole Size	Size/Grade	Wt (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8" / H-40	32.3#	0	234'	n/a	76sx-Pre-mix	22bbls	Surface	5bbls
8 3/4"	7" / J-55	23#	0	4792'	n/a	633sx-Premium Lite	228bbls	Surface	62bbls
6 1/4"	4 1/2" / L-80	11.6#	0	7468'	n/a	212sx-Premium Lite	76bbls	TOC @ 3620'	n/a

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	7361'	n/a						

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Point Lookout / LMF	4989'	5491'	1SPF	.34"	25	open
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
4989' - 5491'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 109,844gals of 70% Quality N2 Slick foam w/ 97,280# of 20/40 Brown sand. Pumped 73bbls foamed flush. Total N2:1,441,000SCF

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
6/15/2012	6/21/2012	1hr.	➡	n/a / boph	10 / mcf/h	3 / bwph	n/a	n/a	FLOWING
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	SI-926psi	SI-823psi	➡	n/a / bopd	251 / mcf/d	81 / bwpd	n/a	SHUT IN	

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 Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI		➡						

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

NMOCD  
PV

ACCEPTED FOR RECORD

JUL 18 2012

FARMINGTON FIELD OFFICE

SV

sm

## 28b. Production - Interval C

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 Press Flwg SI	Csg Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

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 Press Flwg SI	Csg Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29 Disposition of Gas (Solid, used for fuel, vented, etc)

## TO BE SOLD

## 30 Summary of Porous Zones (Include Aquifers)

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem test, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

## 31 Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc	Name	Top
					Meas Depth
Ojo Alamo	2303'	2524'	White, cr-gr ss	Ojo Alamo	2303'
Kirltand	2524'	2716'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirltand	2524'
Fruitland	2716'	2933'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	2716'
Pictured Cliffs	2933'	3067'	Bn-Gry, fine grn, tight ss	Pictured Cliffs	2933'
Lewis	3067'	3371'	Shale w/ siltstone stringers	Lewis	3067'
Huerfano Bentonite	3371'	3441'	White, waxy chalky bentonite	Huerfano Bentonite	3371'
Chacra	3441'	4419'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3441'
Mesa Verde	4419'	4633'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4419'
Menefee	4633'	5199'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4633'
Point Lookout	5199'	5520'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5199'
Mancos	5520'	6216'	Dark gry carb sh	Mancos	5520'
Gallup	6216'	7096'	Lt gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg interbed sh	Gallup	6216'
Greenhorn	7096'	7147'	Highly calc gry sh w/ thin lmst	Greenhorn	7096'
Graneros	7147'	7203'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	7147'
Dakota	7203'	7475'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7203'
Morrison			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 &amp; Basin Mancos trimingle well under DHC4500.

## 33. Indicate which items have been attached by placing a check in the appropriate boxes.

- ☒ 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)

Marie E. Jaramillo

Title

Staff Regulatory Tech

Signature

Date

7/13/12

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 false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction