State of New Mexico Energy, Minerals and Natural Resources Department

Susana Martinez

Governor

David Martin

Cabinet Secretary-Designate

Jami Bailey, Division Director
Oil Conservation Division



Brett F. Woods, Ph.D. Deputy Cabinet Secretary

New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: 5/9/13

Well information:

API WELL#	Well Name	Well #	Operator Name	Туре	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E
30-045-10483- C	GRENIER		BURLINGTON RESOURCES OIL & GAS COMPANY LP	G	3	San Juan	F	K	20	31	N	11	W

Conditions of Approval:

Extend the Mancos plug down to 5370 feet.

Note: Revised BLM Conditions of approval are attached to the application.

NMOCD Approved by Signature

Date

JUN 2 5 2013

· Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED

OMB N	o. 10)04-	0137
Expires:	July	31,	2010

			Farmina	ion Fiel	Office	SF-0	78115
	DRY NOTICES AND REPO				6. If Indian Allottee or Trib	e Nam	e
	this form for proposals t						
	well. Use Form 3160-3 (A	====		sals.			
SU: 1. Type of Well	BMIT IN TRIPLICATE - Other inst	tructions o	on page 2.	,	7. If Unit of CA/Agreement	, Name	e and/or No.
Oil Well	Gas Well Other				8. Well Name and No.	Gren	ier 13
2. Name of Operator	to - Document Oil 8 Com		I D		9. API Well No.	0.45	40400
			No. (include area	code)	10. Field and Pool or Explo		-10483 Area
		JU. THOIR	(505) 326-97	-	-		Dakota
		WL, Se	c. 20, T31N, F		11. Country or Parish, State San Juan	,	New Mexico
12. CHECK TI	HE APPROPRIATE BOX(ES)	TO INDI	CATE NATURI	E OF NOT	TICE, REPORT OR OT	HER	DATA
TYPE OF SUBMISSION			TYPE	OF ACT	ΓΙΟΝ		
X Notice of Intent Subsequent Report	Acidize Alter Casing Casing Repair		oen ture Treat Construction	\square R	roduction (Start/Resume) eclamation ecomplete		Water Shut-Off Well Integrity Other
	Change Plans		and Abandon	===	emporarily Abandon		
		<u> </u>	Back	=	Vater Disposal		
following completion of the involve Testing has been completed. Final determined that the site is ready for Burlington Resources r wellbore schematics. T attached.	ed operations. If the operation results Abandonment Notices must be filed of final inspection.) equests permission to P8 he Pre-Disturbance Site V	in a multionly after a	ple completion or r all requirements, in subject well p	ecompletion cluding reclarions	n in a new interval, a Form 3 amation, have been complete ttached procedure, obert Switzer. The I	curr Re-V	must be filed once the operator has ent and proposed
	ed)						
Dollie L. Busse	· · · · · · · · · · · · · · · · · · ·		Title Staff	Regulate	ory Technician		
Signature JULIE	Cousse		Date 57	19/1	'3		
	THIS SPACE FOI	R FEDE	RAL OR STA	TE OFF	ICE USE		
Burlington Resources Oil & Gas Corn 3a. Address PO Box 4289, Farmington, NM 87499 4. Location of Well (Footage, Sec., T.R.M., or Survey Description) Surface Unit K (NESW), 1450' FSL & 1500' FWL, 12. CHECK THE APPROPRIATE BOX(ES) TO I TYPE OF SUBMISSION X Notice of Intent Acidize Alter Casing Casing Repair Change Plans Final Abandonment Notice Convert to Injection 13. Describe Proposed or Completed Operation: Clearly state all pertinent details, if the proposal is to deepen directionally or recomplete horizontally, give substantach the bond under which the work will be performed or provide the Bond following completion of the involved operations. If the operation results in a Testing has been completed. Final Abandonment Notices must be filed only a determined that the site is ready for final inspection.) Burlington Resources requests permission to P&A the wellbore schematics. The Pre-Disturbance Site Visit attached. 14. Thereby certify that the foregoing is true and correct. Name (Printed/Typed) Dollie L. Busse							MAY 2 1 2013
	<u>-</u>			Title	<u> </u>		Date
				Office			

entitle the applicant to conduct operations thereon.

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.

ConocoPhillips GRENIER 13 Expense - P&A

Lat 36° 52' 52.536" N

Long 108° 1' 0.444" W

PROCEDURE

This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.

- 1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Test rig anchors prior to moving in rig.
- 2. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.
- 3. When an existing primary valve (i.e. casing valve) is to be used, the existing piping should be removed and replaced with the appropriate piping for the intended operation.
- 4. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with water, as necessary, and at least pump tubing capacity of water down tubing.
- 5. ND wellhead and NU BOPE. Pressure and function test BOP. PU and remove tubing hanger.
- 6. TOOH with 2-3/8" tubing (per pertinent data sheet).

Tubing: Yes Size: 2-3/8" Length: 7144'

- 7. PU watermelon mill and 2-3/8" tubing. Make a round trip run with a watermelon mill for 4-1/2" 9.5# and 10.5# J-55 casing to 6948'. TOOH and LD watermelon mill.
- 8. PU and RIH with CR for 4-1/2" 10.5# J-55 casing and set 50' above top perforation at 6948'. POOH.
- 9. Load 4-1/2" casing, pressure test tubing to 1000 psi and pressure test casing to 800 psi. Hold 500 psi of pressure on 4-1/2" casing and run CBL. Contact Production Engineer with results.

All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II mixed at 15.6 ppg with a 1.18 cf/sk yield.

- 10. Plug 1 (Dakota Perforation and Formation Top and Graneros Formation Top, 6848-6948', 12 Sacks Class B Cement)
 Note: CR for 4-1/2" 10.5# J-55 casing is already set at 6948'. Load casing and circulate clean. Mix 12 sx of Class B cement and spot plug inside casing to isolate the Dakota perforations and formation top and the Graneros formation top. PUH
- 11. Plug 2 (Gallup Formation Top, 6098-6198', 12 Sacks Class B Cement)
 Mix 12 sx of Class B cement and spot plug inside casing to isolate the Gallup formation top. POOH
- 12. Plug 3 (Mancos Formation Top, 5130-5230', 50 Sacks Class B Cement)

Perforate 3 HSC holes at 5230'. Establish rate into squeeze holes. RIH and set CR for 4-1/2" 10.5# J-55 casing at 5180'. Mix 50 sx Class B cement; squeeze 38 sx behind 4-1/2" casing and leave 12 sx inside the casing to isolate the Mancos formation top. PUH.

13. Plug 4 (Mesa Verde Formation Top, 4035-4135', 12 Sacks Class B Cement)
Mix 12 sx of Class B cement and spot plug inside casing to isolate the Mesa Verde formation top. PUH

14. Plug 5 (Chacra Formation Top, 3697-3697', 12 Sacks Class B Cement)

Mix 12 sx of Class B cement and spot plug inside casing to isolate the Chacra formation top. PUH

15. Plug 6 (Pictured Cliffs Formation Top, 2510-2610', 12 Sacks Class B Cement)

Mix 12 sx of Class B cement and spot plug inside casing to isolate the Pictured Cliffs formation top. PUH 2250 ພົວ

16. Plug 7 (Fruitland Coal Formation Top, 1890-1990', 12 Sacks Class B Cement)

Mix 12 sx of Class B cement and spot plug inside casing to isolate the Fruitland Coal formation top. POOH

17. Plug 8 (Kirtland and Ojo Alamo Formation Tops, 829-1030', 97 Sacks Class B Cement)

Perforate 3 HSC holes at 1030'. Establish rate into squeeze holes. RIH and set CR for 4-1/2" 9.5# J-55 casing at 980'. Mix 97 sx Class B cement; squeeze 78 sx behind 4-1/2" casing and leave 19 sx inside the casing to isolate the Kirtland and Ojo Alamo formation top. POOH.

18. Plug 9 (Surface Casing Shoe and Surface Plug, 0-359', 126 Sacks Class B Cement)

Perforate 3 HSC holes at 359'. Establish circulation out of bradenhead with water and circulate BH annuals clean. Mix 126sx Class B cement and pump down production casing to circulate good cement out BH. Shut-in well and WOC.

19. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.

	GRENIER#13	<u>. ئالىقائىت يورى</u> ق					건	
004510483	NMPM,020-031N-011W	KI NAMA ASAH DAKO LA JERROE	RAYED GAS)	ise No.	NEW MEXICO	ſ.	ning (ratio) Type	Ec
6,029.00	Original KB/RT Elevation (f) 6,039.00	KII-GION	10.00 10.00		GCasing Finge Distance (6,039.00	n	Tiblig Harger DE 6 6,039	00
Park William	ন্দ্রমূলক নক্ষা ক্রিছে ংW e	II Config	Original H	ole, 2/21/20	13 11:35:46 AM	and the second second	٠٠٠٠ .	Yana Say
MD)		Schen	etic - Actual	1	10,77		Frm F	inal
		SCHEN				44.504.0000		H ING -
		1			sing Cement, 10-309, n 250 sx regular cem			
308		1			bbls to surface. Main, 24,00lbs/ft, J-5	5 10 mKm		-
309			. 47	309 ftKB	7011, 24.00iD3711, 0-3	, 10 lato,		
379	· · · · · · · · · · · · · · · · · · ·	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	∐ ├				OJO ALA	MO, 879
980			\ <u> </u>				KIRTLAN	ID, 980
,940			/				FRUITLAN	ID, 1,940 —
,560			16-				PICTURED CL	IFFS, 2,560
,720							LEWIS,	
,290			<i></i>				HUERFA BENTONIT	
,647Tubir	ng, 2 3/8in, 4.70ibs/ft, 10 ftKB, 7,107 ftKB						CHACRA	
.085		 	 		eeze, 3,640-4,700, 5		MESA VER	DE, 4,085 -
.170	·	 	│ 🔯		: from 3640' - 4700'. : Class A neat: 5/11/7 6		CLIFFHOU:	
,350		\boxtimes	8	/ w/250 sxs (Class A cmt. 5/1 6/73		MENEFEE	• •
.630				W/200 sxs (class A cmt.		- POINT LOOK	
150				Production (Casing Cement, 1,450		- CINT LOOK	001, 4,030
					Cement with \$50 sx 5 O' per Temp Survey (
152	• •		(
180							MANCOS	
,148	<u></u>						GALLUP	
884							GREENHO	
939							GRANERO	
	ic Fracture, 12/10/1963, KOTA WITH 68150 GAL 3						DAKOTA	·, 6,996
,998 WATER A	ND 52000# 20/40 SAND 2 3/8in, 4.70lbs/ft, 7,107					,	*	
,107 Pup Julia,	#KB, 7,111 #KB			[Dakota, 6,99	98-7,164, 12/10/1963	ا. لا		
111 Tubing,	2 3/8in, 4.70ibs/ft, 7,111 ftKB, 7,143 ftKB	7			•			
143 Seating N	lipple, 2 3/8in, 4.70lbs/ft,					- [
144	7,143 ftKB, 7,144 ftKB aw Tooth Collar, 2 3/8in,							
	, 7,144 ftKB, 7,144 ftKB							
164		17	** !	•	•			
199	PBTD, 7,199	March 1				1		
238			36					
,239					Casing Cement, 5,970			
,285			36		Cemented with 250 s 0' per Temp Survey (
286				Production1	4 1/2in, 9.50lbs/ft,			
,288	TD, 7,288			7,286 ftKB	nent Fill, 7,286-7,288,	120M063		

• * 4

Miles de la lacid	GRENIER #13			hematic			
004510483	NMPM,020-031N-011W	ASSESSED ATOMOS	Liberse No.	State Province NEW MEX	ICO (ng uanos Type	<u>Ed</u>
6,029.00	Original FORT Elevation (f) 6,039.00	RE-GIOTAL DIEGNO	* 00 10.00	108-Cachig Flaige Dis 6 03	niosion 9:00	6,039,00	
the way the property	and the new control of the street of the second		ram Grander . F v.	Per residence of the second of the second	white white	A A CONTRACTOR OF THE SAME	and the second
fIKB fIKB	The state of the s	vven Comiq.	Ongma	11 Tible, 17 172020		Frm Fine	
(MD) (TVD)	and the light part and a section of the light speed	Schem	atic - Actua	<u>al Sant de la consensa de la co</u>		Frm Fine	1 2
10				Surface Casing Ceme		- {-	
309				11/21/1963, Cement w cement. Circulated 51			
629		- CONT.	***	Surface, 8 5/8in, 8.09	in, 10 ftKB, 309 ftKB	4	•
029		<i> </i>	₩	SQUEEZE PERFS, 359 -\ Plug #9, 10-359, 1/1/2		OJO ALAMO), 879 —
980	Cement Retainer, 980-981		₩	→ Class B cement and p	ump down	KIRTLAND,	980
030			₩	production casing to o tout bradenhead.	irculate good cement		. ,
				SQUEEZE PERFS, 1,00		1	
1,890				Plug #8, 829-1,030,1/		FRUITLAND	1.940
000,1			V	casing and leave 19 s			
2,560				isolate the Kirtland and	l Ojo Alamo formation	1	
,,,,,,			V ///	tops.	///2020. Mix 12 sx	2,560	
720				∰of Class B cement and	spot balance plug	HUERFAN	
3,597		-		inside casing to isolate formation top.	the Fruitland Coal	BENTONITE,	3,290
` .				Plug #6, 2,510-2,610,	1/1/2020, Mix 12 sx		
647		- 8 <i>7777</i>		of Class B cement and		CHACRA, 3	,647
035		- Warre	-₩	inside casing to isolate formation top.	the Pictured Clitts		
1,135			188	Plug #5, 3,597-3,697,		MESA VERDE	, 4,085 -
,,133			8	\ \of Class B cement and \ \ \ \inside casing to isolate		- CLIFFHOUSE,	4,170 ~
1,350			M	formation top.		MENEFEE, 4	
1,830		<i></i> Øl		Plug #4, 4,035-4,135,		POINT LOOK	
		- Okras		of Class B cement and inside casing to Isolate		4,830	
5,150	D∨ tool @ 5150'			tormation top.			
5,180	Cement Retainer, 5,180-5,181		***	Production Casing Cer 12/9/1963, Cement with		MANCOS, 5	,160
5,230				TOC @ 1450 per Tem			
·			PZ	SQUEEZE PERFS, 5,2			
5,098				Plug #3, 5,130-5,230, Class B cement; sque	eze 38 sx behind	CALLIDE	440
3,198				casing and leave 12 s	x inide the casing to	GALLUP, 6	,, 40
· .	· · · · · · · · · · · · · · · · · · ·		4	lisolate the Mancos for Plug #2, 6,098-6,198,		CREENICON	
3,884				\Class B cement and s	pot balance plug	- GREENHORN - GRANEROS,	
6,948	Cement Retainer, 6,948-6,949			inside casing to isolate top.	the Gallup formation	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
5,996	1			Plug #!, 6,848-6,948, 1			3.996
	Hydraulic Fracture, 12/10/1963, FRAC DAKOTA WITH 68150	1 		. \ Class B cement and s	pot plug inside casing		
7,107	GAL WATER AND 52000#			to isolate the Dakota p formation top and the			
7,143	20/40 SAND			\top.		4	
	(Dakota, 6,998-7,164,	2/10/1963	(-	
7,144							
7,199	PBTD, 7,199	Special Section	3	Production Casing Cer 12/9/1963, Cemented		<u>.</u>	
7,239			3/2/ "	. /Poz. TOC @ 5970 per]	
				(12/10/63)		.	•
7,286	TD, 7,288, 12/9/1963		777	Production1, 4 1/2in, 1 Display Cement Fill, 7,		n[
	1						4/17/20

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT FARMINGTON DISTRICT OFFICE

6251 COLLEGE BLVD. FARMINGTON, NEW MEXICO 87402

Attachment to notice of Intention to Abandon:

Re: Permanent Abandonment

Well: 13 Grenier

CONDITIONS OF APPROVAL

- 1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
- 2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
- 3. The following modifications to your plugging program are to be made:
- a) Place the Chacra plug from 4553' 4453'.
- b) Place the Fruitland plug from 2250' 2150'.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.

From: Mason, Stephen [mailto:smason@blm.gov] Sent: Wednesday, June 12, 2013 12:04 PM

To: Powell, Brandon, EMNRD

Subject: 13 Grenier

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT FARMINGTON DISTRICT OFFICE

6251 COLLEGE BLVD. FARMINGTON, NEW MEXICO 87402

Attachment to notice of Intention to Abandon:

Re: Permanent Abandonment

Well: 13 Grenier

CONDITIONS OF APPROVAL

- 1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
- 2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
- 3. The following modifications to your plugging program are to be made:
- a) Place the Chacra plug from 3341' 3241'.
- b) Place the Fruitland plug from 2250' 2150'.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.