Submit 3 Copies To Appropriate District State of New Mexico	Form C-103		
Office Energy, Minerals and Natural Resources	Jun 19, 2008		
1625 N. French Dr., Hobbs, NM 88240	WELL API NO.		
 7 District II 1301 W. Grand Ave., Artesia, NM 88210 OIL CONSERVATION DIVISION 	30-045-07809		
District III 1220 South St. Francis Dr.	5. Indicate Type of Lease		
1000 Rio Brazos Rd., Aztec, NM 87410 Sonto Eq. NIM 97505	STATE FEE		
District IV 1220 S. St. Francis Dr., Santa Fe, NM	6. State Oil & Gas Lease No.		
87505	FEE		
SUNDRY NOTICES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name		
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A	Mangum		
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)			
1. Type of Well: Oil Well 🗌 Gas Well 🛛 Other	8. Well Number 4		
2. Name of Operator	9. OGRID Number		
Burlington Resources Oil Gas Company LP	14538		
3. Address of Operator	10. Pool name or Wildcat		
P.O. Box 4289, Farmington, NM 87499-4289	Basin Dakota		
4. Well Location			
	0 feet from the <u>West</u> line		
Section 28 Township 29N Range 11W	NMPM San Juan County		
11. Elevation (Show whether DR, RKB, RT, GR, etc.)			
R 12 Charle Americanista Day to Indicate Nature of Nation	Dement on Othen Data		
12. Check Appropriate Box to Indicate Nature of Notice,	Report or Other Data		
NOTICE OF INTENTION TO: SUB	SEQUENT REPORT OF:		
PERFORM REMEDIAL WORK 🗌 PLUG AND ABANDON 🛛 REMEDIAL WOR	✓ ALTERING CASING □ ¹		
TEMPORARILY ABANDON 🗌 CHANGE PLANS 🔲 COMMENCE DRI	LLING OPNS. P AND A		
PULL OR ALTER CASING 🛛 MULTIPLE COMPL 🗌 CASING/CEMENT	JOB 🗌		
OTHER: OTHER: OTHER:			
13. Describe proposed or completed operations. (Clearly state all pertinent details, and			
of starting any proposed work). SEE RULE 1103. For Multiple Completions: Att or recompletion.	ach wellbore diagram of proposed completion		
of recompletion.			
Burlington Resources requests permission to P&A the subject well per the attached			
wellbore schematics. A Closed Loop System will be used on Location for this P&A			
* Adjust mencos plug to 4215-4315 Adjust Fruthend plug to 1160-1260			
ASigt Fruttent durits 11/00-1260			
No hours phill to not he	OIL CONS. DIV DIST. 3		
Well is under review for a groundwater concern.			
Perform the following actions within 90days of approval and submit the results f	MAY 27 2015		
Take a gas analysis from the bradenhead including H2S			
 Perform a noise log to determine the source of the gas migration. 			
 Additional stipulations may be added after the evaluation of the results 			
 Plugging above the Picture Cliff formation top is not approved until the 	information has been evaluated		
and approved.			
I hereby certify that the information above is true and complete to the best of my knowledge	e and belief.		
SIGNATURE (illen White TITLE Staff Regulator	Technician DATE 526/15		
SIGNATURE	Technician DATE 512015		
Type or print name Arleen White E-mail address: arleen.r.white@cond	peophillips.com PHONE: 505-326-9517		
	AS INSPECTOR		
	DATE 6/30/15		
Conditions of Approval (if any):			

R 5

ConocoPhillips MANGUM 4 Expense - P&A

Lat 36° 41' 39.516" N

Long 107° 59' 57.408" W

PROCEDURE NOTE:

This project requires 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. Before RU, run WL remove downhole equipment. If an obstruction is found, set a locking-3-slip-stop in the tubing.

2. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in Wellview. If there is pressure on the BH, contact the Wells Engineer.

3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well as necessary. Ensure well is dead or on a vacuum.

5. ND wellhead and NU BOPE. Pressure and function test BOP to 250 psi low and 1,000 psi over SICP high to a maximum of 2,000 psi held and charted for 10 minutes as per COP Well Control Manual. PU and remove tubing hanger.

6. TOOH with tubing (per pertinent data sheet). Tubing size: 2-3/8" 4.7# J-55 EUE

Set Depth: 6,117'

KB: 11'

7. PU 3-7/8" bit and watermelon mill and round trip as deep as possible above top perforation at 6,033'.

8. PU 4-1/2" CR on tubing, and set a 5,983'. Pressure test tubing to 1,000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. POOH w/ tubing.

9. RU wireline and run CBL with 500 psi on casing from CR to surface to identify TOC. Adjust plugs as necessary for new TOC. Email log copy to Troy Salyers (BLM) at tsalyers@blm.gov and Brandon Powell (NMOCD) at brandon.powell@state.nm.us upon completion of logging operations.

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 Class B mixed at 15.6 ppg with a 1.18 cf/sk yield.

- 10. Plug 1 (Dakota Perforations, Dakota and Graneros formation tops, 5,883'-5,983', 12 Sacks Class B Cement) Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Dakota perforations, Dakota and Graneros formation tops. PUH.
- 11. Plug 2 (Gallup formation top, 5,113'-5,213', 12 Sacks Class B Cement) Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Gallup formation top. POOH.
- 12. Plug 3 (Mancos formation top, 4,238'-4,338', 51 Sacks Class B Cement) RIH and perforate 3 squeeze holes at 4,338'. Establish injection rate into squeeze holes. RIH with a 4-1/2" CR and set at 4,288'. Mix 51 sx Class B cement. Squeeze 39 sx outside the casing, leaving 12 sx inside the casing to cover the Mancos formation top. PUH.
- 13. Plug 4 (Mesaverde formation top, 3,090'-3,190', 12 Sacks Class B Cement) Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Mesaverde formation top. PUH.
- 14. Plug 5 (Chacra formation top, 2,519'-2,619', 12 Sacks Class B Cement) Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Chacra formation top. PUH.
- 15. Plug 6 (Pictured Cliffs formation top, 1,499'-1,599', 12 Sacks Class B Cement) Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Pictured Cliffs formation top. POOH.

16. Plug 7 (Fruitland formation top, 945'-1,045' 51 Sacks Class B Cement) RIH and perforate 3 squeeze holes at 1,045'. Establish injection rate into squeeze holes. RIH with a 4-1/2" CR and set at 995". Mix 51 sx

Class B cement. Squeeze 39 sx outside the casing, leaving 12 sx inside the casing to cover the Fruitland formation top. POOH.

17. Plug 8 (Surface, Surface Casing Shoe, Ojo and Kirtland formation tops, 0'-517', 199 Sacks Class B Cement) Part 1: Mix 4 sx Class B cement and spot a balanced plug inside the casing from 467'-517', POOH.

Part 2: RU WL and perforate 4 big hole charge (if available) squeeze holes at 517'. TOOH and RD wireline. Observe well for 30 minutes per BLM regulations. RU pump, close blind rams and establish circulation out bradenhead with water. Circulate BH clean. TIH with 4-1/2" CR and set at 467'. Mix 155 sx Class B cement and squeeze until good cement returns to surface out BH valve. Shut BH valve and squeeze to max 200 psi. Sting out of CR and reverse circulate cement out of tubing. TOOH and LD stinger. TIH with open ended tubing to 467'. Mix 36 sx Class B cement and pump inside plug. TOOH and LD Tubing. SI well and WOC.

18. 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.

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strict OUTH	Fleid Name BASIN DAKOTA (PI GAS)	RORATED	APT/UWI 3004507809	County SAN JI	IAN	State/Province	
riginal Spud Oate 8/6/1961	Surface Legal Location 028-029N-011W-K	EastWest	Distance (ft) Ea 1,770.00 Ft	suWest Reference VL	North/South Distance 1	(ft) North/S 750.00 FSL	outh Reference
		Orig	inal Hole, 4/20/2	015 9:11:18 AM			
		/ertical sche	matic (actual)			MD (ftKB)	Formation Top
tin mbri mia anno anti di 19 m mila ba	And in failed at the state of the	and the state of the			and the second states of the second states of the	11.2	
				1. Surface: 8 5/8 i	n; 8.097 in; 11.0 ftKB;	314.0	
				/ 315.0 ftKB		315.0	
				Surface Casing C 8/7/1961; CEMEN	ement; 11.0-323.0. TED W/ 225 SX	323.2	
				CEMENT. CIRC C	MT.	377.0	OJO ALAMO
						467.8	KIRTLAND
						1,029.9	FRUITLAND
TOC @ 1050' (8/61	Temperature Survey)	ana a	1000			1,049.9	
						1,284.1	FRUITLAND C.
						1,549.9	PICTURED CLI
						1,717.8	LEWIS
						- 2,569.9	CHACRA
ubing; 2 3/8 in; 4.70	5,081.0 ftKB;					3,140.1	UPPER CLIFF.
0,001.0 1110					3,211.9	MASSIVE CLIF	
						3,259.8	MENEFEE
					· ••••••••••••••••••••••••••••••••••••	3,930.1	POINT LOOKO.
				Production Casin	g Cement; 1,050.0-	4,120.1	
				4,121.0; 8/19/198	; 2nd Stage: 110 sx by 100 sx reg. TOC @	4,121.1	
				1050' per TS.	by log skieg. Too la	4,288.1	MANCOS
TOC @ 4625 (8/61	Temperature Survey)	ana	testestes			4,625.0	
	***************			~~~~~	*****	- 5,163.1	GALLUP
×						5,929.1	GREENHORN
	3/8 in; 4.70 lb/ft; J-55;					5,987.9	GRANEROS
	1.0 ftKB; 6.085.1 ftKB		III			6,032.2	TWO WELLS (.
	ftKB: 6,115.2 ftKB	28399	10000 T			6,033.1	
	2 3/8 in; 6,115.2 ftKB; 6.116.2 ftKB	655500	1005558			6,081.0	
60,000# 20/40, 20,00	/22/1961; FRAC'D W/	BRUN	101111			6,085.0	
	R, FLUSHED W/ 160	ann -	1727272			6,113.8	PAGUATE
PERF DAK	DTA; 6,033.0-6,200.0; 8/22/1961	656555 369564	405555 ×10052			6,115.2	
	k w/ Mule Shoe; 2 3/8	XXXXXX	1. valati			6,116,1	
in: 6,11	16 2 ftKB; 6,117.0 ftKB	STAN	63558			6,117.1	
		SAKERA ZAZZA				6,164.0	CUBERO
	i.	3833	31993			8,200.1	
	PBTD; 6,211.0	4355555 2215232 >>>>			g Cement; 4,625.0-	6,211.0	
				150 sx, followed	I; Cemented 1st Stage: by 100 sx reg. TOC @	6,212.9	
				4625' per TS. Auto cement pluc	; 6,211.0-6,250.0;	6,213.9	
		-///		8/19/1961; Autom	atically created cement	6,215.9	ENCINAL
				had a lagged dep	th.	6,249.0	
		(R)R)D 2000		I 2: Production1: 4	1/2 in; 4.052 in; 11.0	6,250.0	1

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3004507809 028	ce Legal Location -029N-011VV-K al KBAT Elevation (f)	Field Name BASIN DAKOTA (PROF		ense Na.	State/Province	IW/I Com	
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	a submersion of the state of the state of the state	5,211.00	·······	1 (1		1	
			-	1/1/2020 12:12:00	AM		
	Verli	ical schematic (ad	ctual)			MD (ftKB)	Formation Tops
met bil étik i é ménem mén i sen a tané annés mén <u>mana s</u>			12222	Plug #8; 11.0-517.0; 155 sx Class B cemen	t squeeze until	11.2	
				good cement returns 1 Surface Casing Ceme 8/7/1961; CEMENTED	nt; 11.0-323.0:	315.0	
			-	CEMENT. CIRC CMT. PERF - OTHER: 517.0		377.0	OJO ALAMO
Cement Retainer; 467	7.0-470.0	~~~~~		Plug #8; 467.0-517.0; 4 sx Class B cement s plug inside casing from	pot balanced	467.8	KIRTLAND
	a l			Plug #8: 11.0-517.0: sx Class 8 cement spi		517.1	
Cement Retainer; 995	5.0-998.0		-	plug inside casing from Plug #7; 945.0-1.045. Squeeze 39 sx outsid	0; 1/1/2020	995.1	
TOC @ 1050/001 7				Plug #7: 945.0-1,045. Mix 51 sx Class B cent 39 sx outside casing I	0; 1/1/2020; ent. Squeeze	1,029.9	FRUITLAND
TOC @ 1050" (8/61 Tem	Survey)			inside casing to cover top PERF - FRUITLAND C	Fruitland form.	1,049.9	FRUITLAND COAL
				1/1/2020 Plug #6: 1,499.0-1,59 Mix 12 sx Cless B cen	9.0; 1/1/2020;	1,499.0	PICTURED CLIFFS
			×	balanced plug inside of Pictured Cliffs form, to	casing to cover	2,519.0	LEWIS
			×	Plug #5: 2,519.0-2,61 Mot 12 sx Class B cen			CHACRA
	1			batanced plug inside (Chacra form, top	casing to cover	2,619.1	
			Ş	Plug #4;3,090.0-3,19 Moc 12 sx Class Boen balanced plug inside (vent spot	3,140.1	UPPER CLIFF HOUSE (
			×	Mesaverde form. top Production Casing Ce		3,211.9	MASSIVE CLIFF HOUSE MENEFEE
			1	4,121.0; 8/19/1961; 2 sx HYS-400 followed 1	nd Stage: 110 by 100 sx reg.	3,930.1	POINT LOOKOUT
				TOC @ 1050" per TS. Plug #3: 4,238.0-4,33 Squeeze 39 sx outsid	8.0; 1/1/2020;	4,121.1	8
Cement Retainer; 4,288.	0-4,291.0			PERF - MANCOS; 4.3 Plug #3; 4.238.0-4,33	38.0: 1/1/2020 8.0: 1/1/2020	4,288.1	MANCOS
TOC @ 4625 (8/61 Tem	perature Survey)		255 255	Not 12 sx Class B cen balanced plug inside t cover Gallup form, top	the casing to	4,337.9	
· · · · · · · · · · · · · · · · · · ·				Plug #2: 5,113.0-5.21 Mix 12 sx Class B cen	3.0; 1/1/2020;	5,112.9	GALLUP
			Sand	balanced plug inside t cover Gallup form, top Plug #1; 5,883.0-5,98	the casing to	5,212.9	
Coment Prising 5 002	0 5 995 0			Mox 12 sx Class B cen balanced plug inside	nent spot a casing to cover	5,929.1	GREENHORN
Cement Retainer; 5,983.	0-5,986 0	Š — Ú	<u></u>	Dakota peris, Dakota form. tops	& Graneros	5,985.9	GRANEROS
						6,032.2	TWO WELLS (DK)
	R	1224		PERF DAKOTA; 6.03 8/22/1961	3.0-6,200.0:	6,113.8	PAGUATE CUBERO
[DBTT		2256 - 425 2256 - 255	28 38	Auto cement plug; 6,2	211.0-6,250.0;	6,200.1	
1-010				8/19/1951: Automatic cement plug from the because it had a tagg	ally created casing cement	6,212.9	
				Production Casing Ce 6,250.0; 8/19/1961; C	meni: 4,625.0	6,215.9	ENCINAL
	ž	**** **********************************		Stage: 150 sx, follow reg. TOC @ 4625' pe		6,250.0	Reprint a Council of the Council of