Submit 3 Copies To Appropriate District Office	State of New Mexico		Form C-103
District I	Energy, Minerals and Natural Resources		Jun 19, 2008
1625 N French Dr., Hobbs, NM 88240			WELL API NO.
District II 1301 W Grand Ave, Artesia, NM 88210	OIL CONSERVATION DIVISION		30-045-07831
District III	1220 South St. Francis Dr.		5. Indicate Type of Lease  STATE  FEE
1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u>	Santa Fe, NM 87505		6. State Oil & Gas Lease No.
1220 S St Francis Dr., Santa Fe, NM			o. State on & Gas Lease No.
87505	NORG AND DEPORTS ON WELLS		
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH			7. Lease Name or Unit Agreement Name  Mangum SRC
PROPOSALS.)  1. Type of Well: Oil Well	☐ Gas Well ☑ Other		8. Well Number 5
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		Otero Chacra / Basin Dakota	
4. Well Location			
Unit Letter I: 1850 feet from the South line and 890 feet from the East line			
Section 29		ange 11W	NMPM San Juan County
	11. Elevation (Show whether DR,		
' GR			
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data			
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	PLUG AND ABANDON ⊠	REMEDIAL WORK	
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRII	
PULL OR ALTER CASING		CASING/CEMENT	
DOWNHOLE COMMINGLE	_		RCVD JAN 18'12
			OIL CONS. DIV.
OTHER:		OTHER:	
13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.			
Burlington Resources requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics.			
Notify NMOCD 24 hrs			
prior to beginning			
		operations	
Spud Date: 9/9/1961	Rig Rele	ased Date: 9/24	1/1961
I hereby certify that the information above is true and complete to the best of my knowledge and belief.			
SIGNATURE Johal	Taloua TITLE	Staff Regulatory	Technician DATE WALL
Type or print name Crystal Tafoya E-mail address: crystal.tafoya@conocophillips.com PHONE: 505-326-9837			
For State Use Only			
Deputy Oil & Gas Inspector,			
APPROVED BY: 1/2 /	TITLE	Distr	rict #3 DATE 2/1/12
Conditions of Approval (if any): '	-		

# ConocoPhillips MANGUM SRC 5 Expense - P&A

Lat 36° 41' 40.272" N

Long 108° 0' 30.168" W

### **PROCEDURE**

- 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 work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview
- 3 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.
- 4 ND wellhead and NU BOPE. Function test BOP. PU and remove tubing hanger
- 5 TOOH with tubing/rods (per pertinent data sheet) LD tubing bailer (if applicable)

Rods: No Size: Length:

Tubing: Yes Size: 2-3/8" Length: 6,020'

Packer: No Size: Depth:

If this well has rods or a packer, then modify the work sequence in step #2 as appropriate Round trip casing scraper through deepest perforation or as deep as possible.

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.

#### 6. Plug 1 (Dakota, 5806-5906', 12 Sacks Class B Cement)

RIH w/ CR and set @ 5,906' TIH w/ 2-3/8" tog Pressure test tubing to 1000 psi. Load casing with water and attempt to establish circulation. Mix 12 sx Class B cement and spot a plug inside the casing to isolate the Dakota formation top POOH

### 7. Plug 2 (Gallup, 5060-5160', 50 Sacks Class B Cement)

Perforate 3 HSC holes at 5,160'. Set a 4-1/2" cement retainer at 5,110'. Establish injection rate into squeeze holes. Mix 50 sx. Class B cement. Sqz 39 sx. Class B cement into HSC holes and leave 11 sx cement inside casing to isolate the Gallup formation top. POOH.

# 8. Plug 3 (Mancos, 4168-4268', 50 Sacks Class B Cement)

Perforate 3 HSC holes at 4,268' Set a 4-1/2" cement retainer at 4,218' Establish injection rate into squeeze holes Mix 50 sx Class B cement Sqz 39 sx Class B cement into HSC holes and leave 11 sx cement inside casing to isolate the Mancos formation top POOH.

### 9. Plug 4 (Mesaverde, 3070-3170', 50 Sacks Class B Cement)

Perforate 3 HSC holes at 3,170' Set a 4-1/2" cement retainer at 3,120' Establish injection rate into squeeze holes Mix 50 sx Class B cement Sqz 39 sx Class B cement into HSC holes and leave 11 sx cement inside casing to isolate the Mesaverde formation top. POOH

#### 10. Plug 5 (Chacra, 2279-2379', 12 Sacks Class B Cement)

RIH and set CIBP or CR @ 2,379' Pressure test casing Mix 12 sx Class B cement and spot a balance plug inside casing to isolate the Chacra top. PUH.

## 11. Plug 6 (Pictured Cliffs, 1440-1540', 12 Sacks Class B Cement)

Mix 12 sx Class B cement and spot a balance plug inside casing to isolate the Pictured Cliffs top PUH.

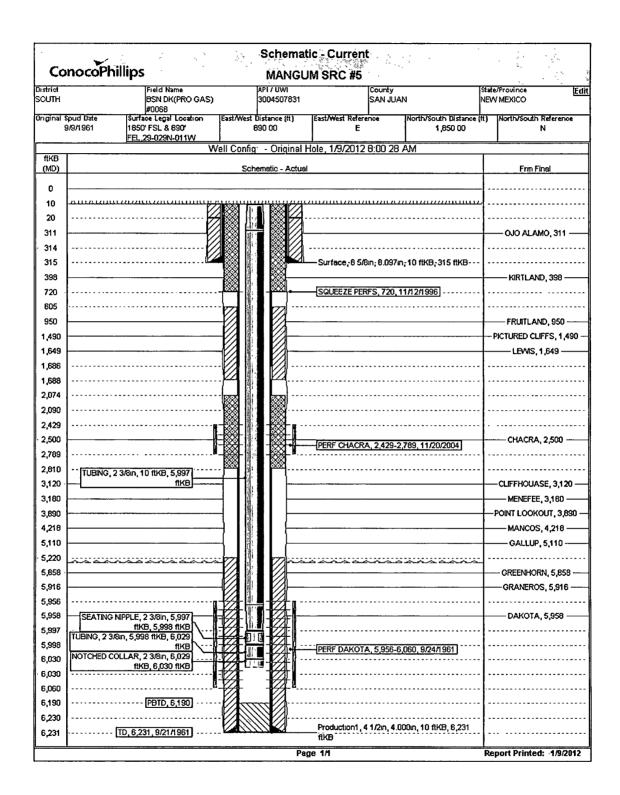
#### 12. Plug 7 (Fruitland, 900-1000', 12 Sacks Class B Cement)

Mix 12 sx Class B cement and spot a balance plug inside casing to isolate the Fruitland top. PUH

# 13. Plug 8 (Kirtland/ Ojo Alamo/Surface Shoe, 0-448', 38 Sacks Class B Cement)

Attempt to pressure test the bradenhead annulus to 300 PSI, note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 38 sxs cement and spot a balanced plug from 448' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 448' and the annulus from the squeeze holes to surface. Shut in well and WOC. Tag cement top and top out cement as necessary.

14. 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.



Current Schematic അത്മിന്നിൽ Well Names MARIGUM SRG#5 Ottre/Province All Configuration Type Edit 3004507831 NEW MEXICO SON EN PPC G osad se endigal (00,000) road Fluxing of 1000 5,401 00 5,411.00 Well Config: Original Hole, 1/1/2020 fIKB (MD) Frm Final Schematic - Actual Casing cement, 10-20, 9/9/1961, CEMENT WITH TOTAL DESIGNATION OF THE PROPERTY OF THE PARTY OF THE PAR 15 SX TO SURFACE Surface Casing Cement, 20-315, 3/9/1961, CEMENT WITH 275 SX TOC WAS 10 FT BELOW 314 SURFACE REQUIRING TOP JOB Surface, 8 5,6in, 8,097in, 10 ftl/B Pug #3, 10-448, 1/1/2020, Mix 38 sx Class B 398 cement and spot a balance plug inside casing to isolate the Kirtland & Ojo Alamo top and the 720 SQLEEZE PERFS, 720, 11/12/1996 surface casing shoe Cement Scueeze, 13-723, 11/12/,996. 900 SQUEEZED 300 SX CLASS "B" CMT VV/ 2% FRUITLAND, 950 CACL, 0.25 PPS CELLOFLAKE, CRC 3 BBL OMT TO SURF PICTURED CLIFFS. Pug #7, 900-1,000,1/1/2020, Mix 12 sx Class 1,490 Bicerrent and spot a balance plug inside 1,490 casing to isolate the Frutianc top. LEWIS, 1,649 Pug #6, 1,440-1,540, 17:/2020, Mx 12 sx Class B cement and spot a balance plug inside casing to isolate the Pictured Cliffs top. Casing cement, 605-1,688, 9/21/1961, CEMENT 2,090 IN TWO STAGES WITH \$10 SX TOTAL TOC Cerrent Retainer, 2,379-2,380 IPERF CHACRA, 2,429-2,789, DETERMINED BY COL RUN 1:/12/98 2.379 SINGLE STAGE, 2,074-2,090, 11/17/2004. 11/20/2004 PERF SQUEEZE HOLES AT 2090 PUMP 150 SX . Hydraulic Fracture, 11/20/2004, FRAC CHACRA WITH 621 BB S REVERSE DUT 3 BBLS 20# LINEAR GEL AND 200000#. Pug #5, 2,279-2,379, 1/:/2020, Mx 12 sx 2,789 ------20/40 ARIZONA SAND---Class B cement and spot a pug inside the casing to isolate the Chacra perforations and 3,070 formation top. (Cerrent Retainer, 3,120-3,121 SINGLE STAGE, 2,074-2,810, 11/17/2004, 3.12 SQUEEZE PERFS, 3,170, 1,1/2020 PUMP 150 SX REVERSE OUT 3 BBLS Pug #4, 3,070-3,171, 17/2020, Mx 50 sx 3,17 Class B cement. Sqz 39 sx Class B cement int POINT LOOKCUT. HSC holes and leave 11 sx cement inside 3,890 casing to isolate the Mesaverde formation top -MANCOS, 4,218 -4,218 Pug #4, 3,970-3,171, 1*f. f*2020 Cerrent Retainer, 4,218-4,219 Pug #3, 4,168-4,268, 17:/2020 SQUEEZE PERFS, 4,268, 1.1/2020 4,268 Pug #3, 4,168-4,268, 17./2020, Mx 5C sx Class B cement. Sqz 39 sx Class B cement into -GALLUP, 5.110 HSC holes and leave 11 sx cement inside [Cerrent Retainer, 5,110-5,111 casing to isolate the Mancos formation top SQUEEZE PERFS, 5,160, 1.1/2020 5.160 Pug #2, 5,960-5,160, 1/:/2020 Pug #2, 5,060-5,160, 17:72020, Mx 50 sx Class Bicement. Sqz 39 sx Class Bicement into GREENHORN, 5,858 HSC hotes and leave 11 sx cement inside 5,306 (Cerrent Retainer, 5,906-5,907) casing to isolate the Gallup formstion top. og #1, 5,306-5,906, 1*1.1*2020, Mx 12 sx - GRANEROS, 5,916 -Class B cement and spot a plug inside the PERF DAKOTA, 5,956-6,060, essing to polate the Dakota perferations and 5.358 9/24/1961 formation top "Hydraulic Fracture, 9/24/1961", FRAC DAKOTA WITH 74177 GAL WATER AND 50000# 20/40 SAND 6.030 ......PBTC, 6,190 Production Casing Cement, 5,220-6,231, - Production: , 4 1/2in, 4 000in, 10 9/21/1961, CEMENT IN TWO STAGES WITH 510 SX TOTAL TOC DETERMINED BY TEMP -----ftKB, 6,231 ftKB .....TD, 6,231, 9/21/1961 SURVEY 6.231 Days 900 ReportPrinteds 1/10/2012