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Form 3160-5 (August 2007)	UNITED STA DEPARTMENT OF TH BUREAU OF LAND MA	E INTERIOR	4	FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010 5. Lease Serial No.			
SUNDRY NOTICES AND REPORTS ON WE Do not use this form for proposals to drill or to re abandoned well. Use Form 3160-3 (APD) for such				5.	5. Lease Serial No. 5. Lease Serial No. 5. Lease Serial No. 6. If Indian, Allottee or Tribe Name armington Field Office 1. If Unit of CA/Agreement, Name and/or No. San Juan 30-6 Unit		
	SUBMIT IN TRIPLICATE - Other in	nstructions on pag	ge 2.	5	. If Unit of CA/Agreement, Na	ime ar	d/or No.
1. Type of Well Oil Well Other				L	San Juan 30-6 Unit 8. Well Name and No. San Juan 30-6 Unit 123		
2. Name of Operator		0		9	. API Well No.		
Burlington Resources Oil & Gas Compa 3a. Address 3b. Phor PO Box 4289, Farmington, NM 87499			-P (include area code) 5) 326-9700	) 1	<b>30-039-26002</b> 10. Field and Pool or Exploratory Area <b>Basin DK</b>		
	c., T.,R.,M., or Survey Description) F (SENW), 1825' FNL & 1810'	FWL. Sec. 07	′, T30N, R06′		1. Country or Parish, State Rio Arriba ,	1	New Mexico
12. CHE	ECK THE APPROPRIATE BOX(ES	) TO INDICAT	E NATURE OF	F NOTI	CE, REPORT OR OTHE	R D	АТА
TYPE OF SUBMISSIO	DN		TYPE OF	F ACT	ION		
X Notice of Intent	Acidize Alter Casing	Deepen Fracture Tre	eat		duction (Start/Resume) clamation		Water Shut-Off Well Integrity
Subsequent Report	Casing Repair	New Constr	ruction	Rec	complete		Other
Final Abandonment Notic	Change Plans Convert to Injection	X Plug and Al Plug Back	bandon		nporarily Abandon ter Disposal	_	
schematics. The P	re-Distubance oniste was held will be utilized for this P&A.						
	OIL COI	NS. DIV DIS	T. 3				
	SE E ATTACHED FOR ITIONS OF APPROVAL	P 1 0 2015 Notify NMC prior to b opera	OPE AUTI OCD 24 hrs/ F eginning		PROVAL OR ACCEPTAN OFS NOT RELIFYET THE CLEDEN OF LYNDER AN ALEON RELEARED FOR ALAND INDIAN LANDS		SEE AND
14. I hereby certify that the forego	ing is true and correct. Name (Printed/Typ Arleen White		Staff Regulatory Technician				ian
Signature Alle	White	Date	\$ 8/19	115			
	THIS SPACE FC	R FEDERAL	OR STATE	OFFIC	EUSE		
Approved by Anch	Janage		Title	P	Ę		Date 9/2/15
that the applicant holds legal or eq entitle the applicant to conduct ope		se which would	Office	FF	0		
false, fictitious or fraudulent staten	Title 43 U.S.C. Section 1212, make it a crim nents or representations as to any matter wit			lfully to r	nake to any department or agen	cy of	the United States any
(Instruction on page 2)		NMC	)CD				7 *

# ConocoPhillips SAN JUAN 30-6 UNIT 123 Expense - P&A

## Lat 36° 49' 45.408" N

#### Long 107° 30' 22.68" W

ft

12

## PROCEDURE

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.

4. ND wellhead and NU BOPE. Pressure and function test BOP to 250 psi low and 1000 psi over SICP high to a maximum of 2000 psi held and charted for 10 minutes as per COP Well Control Manual. PU and remove tubing hanger

5. TOOH with tubing (per pertinent data sheet).Tubing size:2-3/8"4.7# J-55 EUESet Depth:7907ftKBKB:

6. PU 3-7/8" bit and watermelon mill and round trip as deep as possible above top perforation at 7791'.

7. PU 4-1/2" CR on tubing, and set @ 7741'. Pressure test tubing to 1000 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. \*\*\*NOTE: Refer to CBL from 1998. TOC on 4-1/2 Casing at 4435'\*\*\*

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.

8. Plug 1 (Dakota Perforations and Graneros Formation Top, 7630-7741', 13 Sacks Class B Cement) Mix cement as described above and spot a plug on top of cement retainer to isolate the Dakota Perforations and the Graneros Formation Top. Pull up hole.

### See COA

9. Plug 2 (Gallup Formation Top, 6853-6953', 12 Sacks Class B Cement)

Mix cement as described above and spot a balanced plug to isolate the Gallup Formation Top. Pull up hole.

See COA

10. Plug 3 (Mancos Formation Top, 5974-6074', 12 Sacks Class B Cement)

Mix cement as described above and spot a balanced plug to isolate the Mancos Formation Top. Pull up hole.

# 11. Plug 4 (Mesa Verde Formation Top, 4044-4144', 29 Sacks Class B Cement)

RIH and perforate 3 squeeze holes at 4144'. Establish injection rate into squeeze holes. RIH w/ 4-1/2" CR and set at 4094'. Mix cement as described above. Squeeze 21 sacks under retainer, sting out, and leave 8 sacks on top of retainer to cover the Mesa Verde top. POOH.

#### 12. Plug 5 (7" Casing Shoe, 3647-3547', 25 Sacks Class B Cement

Rig up wireline. Perforate 3 squeeze holes at 3647'. Establish injection rate into squeeze holes. RIH w/ 4-1/2" CR and set at 3597'. Mix cement as described above. Squeeze 25 sacks under retainer. Sting out and POOH.

13. Rig up wireline to run free point. Find free point and chemically cut 4-1/2" casing as close to, but no deeper than 3547'.

14. Change out rams and retest as necessary. Rig up casing crew. Pull and lay down 4-1/2" casing. Rig down casing crew.

15. Load casing and pressure test to to 600 psi. If casing does not test, spot or tag subsequent plugs as appropriate.

16. Rig up wireline and run CBL under 500 psi pressure from top of 4-1/2" casing to surface. Modify plugs as necessary. Change out rams and retest as necessary.

17. Plug 6 (7" Casing Stub with Pictured Cliffs and Fruitland Formtation Tops, 2862-3597', 146 Sacks Class B Cement)

Trip in hole, sting into 4-1/2" casing stub, tag 4-1/2" cement retainer at 3597'. Mix cement as described above and spot 146 sacks on top of retainer to cover the 7" casing shoe as well as the Pictured Cliffs and Fruitland Formation tops. POOH.

## 18. Plug 7 (Kirtland and Ojo Alamo Formation Tops, 2288-2600', 70 Sacks Class B Cement)

Mix cement as described above. Spot a blanced plug to cover the Kirtland and Ojo Alamo tops. PUH.

### 19. Plug 8 (Nacimiento Formation Top, 1093-1193', 29 Sacks Class B Cement)

Mix cement as described above. Spot a balanced plug to cover the Nacimiento top. PUH.

## 20. Plug 9 (Surface Plug, 0-291', 66 Sacks Class B Cement)

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Connect the pump line to the bradenhead valve and attempt to pressure test the BH annulus to 300 psi. Note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix 66 sacks Class B cement and spot balanced plug inside casing from 291' to surface, circulating good cement out casing valve. TOOH and LD tubing. SI well 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 and the BH annulus to surface. Shut well in and WOC.

21. 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.

(0)	coPh	illips	SAN	JUAN 30-6 UNIT	#123			
istrict		Field Name		API / UWI	County	1128	ate/Province	
ENTRAL	west-	BASIN DAKOTA (PROR #0068	ATED G	3003926002	RIO ARRIBA	The second	EW MEXIC	and control for all sus
iginal Spud	Date	Surface Legal Location			E/W Dist (ft)	JW Ref N	S Dist (ft)	N/S Ref
		present to be present on the present of the set	Original	Hole, 11/4/2014 7:24:	46 AM			 Participation activity
MD (ftKB)	and the second second		Vertic	al schematic (actual)			For	nation Tops
12.1	COLUMN AND PARTY OF A DOL MADING	CONTRACTOR OF A DESCRIPTION OF A DESCRIP	1020 - 11-		a dia kaominina kaominina dia kaominina dia mandri di se designa dana dia kaominina dia kaominina dia kaominina	ia manana na manin si mara	unia.	
12.8				역 문 문 문 문 문				
201.4					Auto cement plug; 201	1 241 4		
240.5	11 - V-				11/6/1998			
241.5	1; Sur	face; 9 5/8 in; 9.001 in; 12.0			Surface Casing Cemer	it; 12.0-241.4		
248.0		ftKB; 241.4 ftKB			11/6/1998			
1.143.0	and the second second						-NACIMI	ENTO
2.337.9								AMO
2,549.9							-KIRTLA	
2,798.2					Intermediate Casing Co	ement; 12.0-		
2,801.2					2,798.3; 11/10/1998			
2.912.1							FRUITL	AND
3,396.0								RED CLIFFS
3.464.9							-LEWIS	CED DENT O
3,554.1								
3,554.8								
3,596.8								
1000	2: Intern	rediate1; 7 in; 6.456 in; 12.0			Intermediate Carina Co	mont 2 700 !	a l	
3,597.8		ftKB; 3,597.9 ftKB			Intermediate Casing Ca 3,605.0: 11/10/1998	ement, 2,790.3		
3,605.0					Tubing; 2 3/8 in; 4.70 lb	vft; J-55; 12.0		
4,094.2		TOO O 1100 (000)			ftKB; 7,873.9 ftKB		HUERE	ANITO BEN
4,435.0		TOC @ 4435' (CBL)-					out on	2
4,486.9							- CHACR	
4,985.9							- CLIFF H	
5,330.1							MENEF	AL STREET
5,624.0							16. 2. 16.	LOOKOUT
6,023.9		******			~~~~~~~~~		MANCO	
6,902.9							GALLUF	
7,628.0							GREEN	
7,680.1							GRANE	RUS
7,686.7	Teachers and an	where any $\omega_{0}=\omega_{0}+\omega_{1}$ , consider the completence are been as $\omega_{1}+\omega_{2}$ denotes						
7,696.5							-	
7,785.1		an an an gan an a					TWO W	CH3
7,791.0	Categor	y:Perf; Depth (MD):7,791.0-					Diouis	TĊ
7,814.0		7,919.0					PAGUA	2
7,845.1	Hyd Frac-	Other; 11/20/1998; 7,791.0- 7,919.0			Seating Nipple; 2 3/8 in	; 7,873.9 ftKE	CUBER	0
7,874.0	-	1,0100			7,875.0 ftKB Tubing; 2 3/8 in; 4.70 lb	1-55	1	
7,875.0					7,875.0 ftKB; 7,906.3 ftK	B		
7,906.2			部		Expendable Check; 23 ftKB; 7,907.0 ftKB	/8 în; 7,906.3		
7,907.2					1,501.0 IND			
7,919.0								
7,940.0					Gauge Ring; 7.940.0-7.	941.0		
7,940.9								
7,964.9					PBTD: 7,965.0			
7,965.9								
7,966.5	b. D to 1	and and the second second			Auto cement plug; 7,96	5.0-7,975.0	00 00 00 1 5 5	
7,967.8	s, Product	ion1;41/2 in;4.052 in;12.0 ftKB; 7,967.9 ftKB			11/16/1998 Production Casing Cen	nent 4 435 0	(a	
7,975.1								

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Proposed_Schematic ConocoPhillips SAN JUAN 30-6 UNIT #123								
District CENTRAL	Field Name BASIN DAKOTA (PRORATED G #0068	API/UWI 3003926002	County RIO AF		State/Province NEW MEXICO			
Original Spud 11/5	Date         Surface Legal Location         East/We           /1998         007-030N-006W-F         East/We	st Distance (ft) Ea 1,810.00 F\	st/West Reference NL	North/South Distance ( 1,8	tt) North/South Reference 25.00 FNL			
Original Hole, 1/1/2020 4:30:00 AM								
MD (ftKB)		Vertical schematic (a	the second s	and the set of the state of the set of the	Formation Tops			
12.1		THE STATE	Auto cemen created cem a tagged de	t plug; 201.4-241.4; 11/6/1998; Automat ent plug from the casing cement becaus oth.	se it had			
201.4			/ WITH 200 S	Ing Cement, 12.0-241.4; 11/6/1998; CE XS CLASS 'B' NEAT CMT WITH 3% CA LE (236 CUFT). CIRCULATED 16 BBLS	CL, 0.5			
241.5			1; Surface; 1	0-291.0; 1/1/2020; MIX 66 SX CLASS B				
291.0			CEMENT A	ID SPOT A BALANCED PLUG INSIDE O TO SURFACE, CIRCULATING GOOD O	CASING			
1,143.0			CEMENT A	93.0-1,193.0; 1/1/2020; MIX 29 SX CLA ID SPOT A BALANCED PLUG TO COV				
2,288.1				O FORMATION TOP. 88.0-2,600.0; 1/1/2020; MIX 70 SX CLA				
2,549.9				ID SPOT A BALANCED PLUG TO COV ND OJO ALAMO FORMATION TOPS. Casing Cement: 12.0-2,798.3; 11/10/15				
2,798.2			W/ 3% SOD	ID STÄGE W/ 300 SXS CLASS 'B' NEAT UM METASILICATE, 0.5 PPS FLOCELL VITE (873 CUFT). CIRCULATED 20 BBI	E 10			
2,861.9				662 0-3,547 0; 1/1/2020	FRUITLAND			
3,396.0			Cement Squ 1/1/2020	eeze (Cement Plug #5); 3.547.0-3,647.0 547.0-3,597.0; 1/1/2020; STING INTO 4				
3,546.9			MIX 146 SX	JB, TAG 4-1/2" CEMENT RETAINER AT CLASS 8 CEMENT AND SPOT 148 SX TAINER TO COVER THE 7" CASING SH E PICTURE CLIFFS AND FRUITLAND	ON HOE AS			
3,554.8			FORMATION -2: Intermedia	N TOPS. Re1; 7 In; 6.456 In; 12.0 ftKB; 3.597.9 ft	KB			
3,597.1	Cement Retainer; 3,597.0-3,600.0		CEMENT 15	Casing Cement; 2,798.3-3,605.0; 11/10 T STAGE W/ 175 SXS CLASS 'B' 50/50 CACL, 10 PPS GILSONITE, 0.5 PPS	POZ W/			
3,600.1			SURFACE S	47 CUFT). CIRCULATED 10 BBLS CM STAGE TOOL SET AT 2798'. ERFS: 3.647.0; 1/1/2020   30.0-3,647.0; 1/1/2020; MIX 25 SX CLA				
3,647.0			CEMENT. S OUT AND P Cement Squ	QUEEZE 25 SX UNDER RETAINER. ST	ING			
4,094.2	Cement Retainer; 4,094.0-4,097.0		Plug #4; 4,0	ERFS; 4,144.0; 1/1/2020   44.0-4,144.0; 1/1/2020; MIX 29 SX CLA				
4,144.0	TOC @ 4435' (CBL)		OUT, AND L	DUEEZE 21 SX UNDER RETAINER, ST EAVE 8 SACKS ON TOP OF RETAINER MESA VERDE FORMATION TOP.	RTO			
4,486.9					CHACRA CLIFF HOUSE (Top			
5,330.1					POINT LOOKOUT			
5,974.1				74.0-6.074.0; 1/1/2020; MIX 12 SX CLAS ID SPOT A BALANCED PLUG TO ISOL				
6,074.1	Cement Retainer; 7,741.0-7,744.0; 4- 1/2" CR ON TUBING, AND SET @		THE MANCO	S FORMATION TOP.	CALLUR			
7,628.0	7741' Hyd Frac-Other; 11/20/1998; FRAC W/		CEMENT AN	3.0-6,953.0; 1/1/2020; MIX 12 SX CLA D SPOT A BALANCED PLUG TO ISOL P FORMATION TOP.	55.8			
7,680.1	90,000# 20/40 TLC SAND, 1-5 PPG IN 25# X-LINK FLUID AT 1-5 PPG				GRANEROS			
7,696.5	Net penetration: INCREASE; Net stim: 94; Pumped down: CASING; Remarks: FRACED WELL AS PER DESIGN.		Plug #1: 7,63	0.0-7,741.0; 1/1/2020; MIX 13 SX CLAS	SS B			
7,744.1	CHEMICALS:12# BIOCIDES. 391 GAL SLURRIED POLYMER. 85 GAL		RETAINER 1	D SPOT A FLUG ON TOP OF CEMENT O ISOLATE THE DAKOTA PERFORAT CANEROS FORMATION TOP.	IONS			
7,791.0	DELAYED X-LINKER. 43 GAL NONIONIC SURFACTANT. 195 GAL. ABOVE 200 DEGREES OXIDIZER				TWO WELLS (Top D			
7,845.1	BREAKER. 85 GAL IMMEDIATE X- LINKER.		PERF - DAK	DTA; 7,791.0-7,919.0; 11/19/1998	CUBERO			
7,940.0	45 GAL ACTIVATOR. Gauge Ring; 7,940.0-7,941.0							
7,964.9	[PBTD; 7,965.0]		Production C	1: 4 1/2 in: 4.052 in: 3.547.0 ftKB: 7.96 asing Cement: 4.435.0-7.975.0: 11/16/1 TH 540 SXS CLASS 'H' 50/50 POZ W/ 2 LOSS, 0.2% RETARDANT, 5 PPS GILS	998			
7,966.5			0.25 PPS FL TOC 4435' F	LOSS, 0.2% RETARDANT, 5 PPS GILS OCELE (686 CUFT). AN BY CBL ON 11/17/1998. plug; 7.965.0-7,975.0; 11/16/1998;				
7,975.1			Automatically because it ha	created cement plug from the casing ce d a tagged depth.				
		Page 1	I/1		Report Printed: 11/4/2014			

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RECEIVE

# Abandonment of Cathodic Well Procedure

Farmingtor. • Bureau of Lanc

# Plug and Abandon – Deep Anode Ground Bed

- I. Anode hole/surface casing
  - At the surface of the anode bed the surface casing shall be excavated at the depth of 4' below grade. All conduits and wire leads shall be terminated and removed. The surface casing, vent pipe, and anode leads will be cut down flush at 4' below grade. The anode bore shall be capped with a cement mixture. The excavation shall then be backfilled to grade with native soil.
- II. Anode Lead Junction Box
  - Removal: the anode lead junction box immediately adjacent to the deep anode bed will be removed along with all associated conduits and wires. The 4X4 post will be removed along with the concrete pad and backfilled to grade with native soil.
- III. Negative/Positive Cable
  - Terminated negative/positive leads will be removed from location after termination.

# 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:

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Re: Permanent Abandonment Well: San Juan 30-6 Unit # 123

# 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) Set plug #2 (6448-6348) ft. to cover the Gallup top. BLM picks top of Gallup at 6398 ft.
- b) Set plug #3 (6173-6073) ft. to cover the Mancos top. BLM picks top of Mancos at 6123 ft.
- c) Set plug #4 (4216-4116) ft. inside/outside to cover the Chacra top. BLM picks top of Chacra at 4166 ft.

Operator will run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: tsalyers@blm.gov Brandon.Powell@state.nm.us

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.