

FORM APPROVED

Form 3160-5 (August 2007)

## **UNITED STATES**

DEPARTMENT OF THE INTERIOR DLC O / 2012	OMB No. 1004-0137
BUREAU OF LAND MANAGEMENT	Expires: July 31, 2010
Farmington Field Of Bureau of Lead Wanso	5-Lease Serial No. NMSF-047017-B
Bureau of Land Wanag sundry notices and reports on Wells	6. If Indian, Allottee or Tribe Name
Do not use this form for proposals to drill or to re-enter an	
abandoned well. Use Form 3160-3 (APD) for such proposals.	
SUBMIT IN TRIPLICATE - Other instructions on page 2.	7. If Unit of CA/Agreement, Name and/or No.

		Bureau of Land #			F-047017-B
SUNI	DRY NOTICES AND REP	ORTS ON WELLS	viailas	6. If Indian, Allottee or Tribe N	lame
Do not use	this form for proposals	to drill or to re-enter a	n		•
abandoned v	well. Use Form 3160-3 (A	(PD) for such proposa	ıls.	45	-
SUE	BMIT IN TRIPLICATE - Other ins	tructions on page 2.		7. If Unit of CA/Agreement, N	ame and/or No.
1. Type of Well	<del></del>		``	:	
Oil Well X	Gas Well Other			8. Well Name and No.	
				Ange	el Peak B 45
2. Name of Operator				9. API Well No.	45.05000
	on Resources Oil & Gas				45-25668
3a. Address PO Box 4289, Farmingto	.m. NIBE 07400	3b. Phone No. (include area co. (505) 326-9700	′ '	10. Field and Pool or Explorate	ory Area o Mesaverde
		(303) 320-9700			O Mesaverde
4. Location of Well (Footage, Sec., T.,R., Surface Unit I (NE	.M., or Survey Description) ESE), 1839' FSL & 697' FE	: Coo 24 T20N D44	\/\	11. Country or Parish, State San Juan	. New Mexico
Surface Unit (NL	.SE), 1639 F3L & 09/ FE	.L, 566. 24, 120N, K11	44	San Suan	, New Mexico
12 CHECK T	HE APPROPRIATE BOX(ES	TO INDICATE NATURE		TICE DEDORT OF OTH	
	TE APPROPRIATE BOX(E.S				EN DATA
TYPE OF SUBMISSION		TYPE	OF AC	TION	
X Notice of Intent	Acidize .	Deepen	Pı	roduction (Start/Resume)	Water Shut-Off
	Alter Casing	Fracture Treat	R	eclamation	Well Integrity
Subsequent Report	Casing Repair	New Construction	R	ecomplete	Other
- BPI	Change Plans	X Plug and Abandon	T	emporarily Abandon	
Final Abandonment Notice	Convert to Injection	Plug Back	□w	/ater Disposal	
13. Describe Proposed or Completed Ope	eration: Clearly state all pertinent det	ails, including estimated starting	date of an	ny proposed work and approxim	ate duration thereof.
If the proposal is to deepen direction	nally or recomplete horizontally, give	subsurface locations and measu	red and tri	ue vertical depths of all pertiner	nt markers and zones.
Attach the bond under which the wo	•		-	• •	•
following completion of the involved Testing has been completed. Final A	•	•	-		1
determined that the site is ready for		only arter air requirements, meru	uning recta	mation, have been completed as	id the operator has
•	,				
Burlington Resources re	equests permission to Pa	&A the subject well pe	r the a	ttached procedure, c	urrent and proposed
schematics.					
				RC	VD DEC 14'12
					CONS. DIV.
				OT	
				*	DIST. 3

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)		
Dollie L. Busse	Title Staff Regulatory Technician	
Signature MULX & Quine	Date 12/7/12	
THIS SPACE FOR FE	DERAL OR STATE OFFICE USE	
Approved by Original Signed: Stephen Mason		
· · · · · · · · · · · · · · · · · · ·	Title	Date DFC. 1 1 2012
Conditions of approval, if any, are attached. Approval of this notice does not warrant that the applicant holds legal or equitable title to those rights in the subject lease which entitle the applicant to conduct operations thereon.	l l	

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 Angel Peak B #45 Expense - P&A

Lat 36° 38' 43.8" N

Long 107° 56' 52.728" 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 work over 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 pump tubing capacity of water down tubing.
- 5. ND wellhead and NU BOPE. Function and pressure test BOP. PU and remove tubing hanger.
- 6. TOOH. PU casing scraper and round trip casing scraper to 2,523' (top perf) or as deep as possible (if you cannot get clear to top perf). Bail or CO as needed.

Tubing:

Yes

Size:

2-3/8"

Set Depth:

2,900 ft (KB)

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 ClassB/ASTM Type II mixed at 15.6 ppg with a 1.18 cf/sk yield.

#### 7. Plug 1 (Perforations, Mesaverde, 3,282-3,382', 29 Sacks Class B Cement)

RIH. Mix 29 sx Class B cement and spot above BP to isolate the Mesaverde perforations & formation tops. POOH.

#### 8. Plug 2 (Perforations, Chacra, 2,373-2,473', 29 Sacks Class B Cement)

RIH and set 7" CR at 2,473'. Load casing and circulate well clean. Run CBL. Pressure test tubing to 1000 PSI. Pressure test casing to 800 PSI. If casing does not test, spot and tag subsequent plug as necessary. Mix 29 sx Class B cement and spot above CR to isolate the perforations & formation tops. PUH.

#### 9. Plug 3 (Pictured Cliffs, 1,847-1,947', 29 Sacks Class B Cement)

Mix 29 sxs Class B cement and spot a balance plug inside casing to isolate the Pictured Cliffs top. PUH.

1632 . 1532

#### 10. Plug 4 (Fruitland, 1,350-1,450', 29 Sacks Class B Cement)

Mix 29 sxs Class B cement and spot a balance plug inside casing to isolate the Fruitland top. PUH.

#### 11. Plug 5 (Kirtland/ Ojo Alamo, 699-973', 63 Sacks Class B Cement)

Mix 63 sxs Class B cement and spot a balance plug inside casing to isolate the Kirtland and Ojo Alamo top. TOOH.

#### 12. Plug 6 (Surface Shoe, 0-371', 82 Sacks Class B Cement)

Connect the pump line to the surface/bradenhead valve and attempt to pressure test the surface/BH annulus to 300 PSI; note the volume to load. If the surface/BH annulus holds pressure, then establish circulation out casing valve with water. Mix 82 sxs Class B cement and spot a balanced plug inside the casing from 371' to surface, circulate good cement out casing valve. TOOH and LD tubing. Shut well in and WOC. If the surface/BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the 7" casing and the BH to surface. Shut well in and WOC:

13. 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.

}		Schemat	ic - Current	•			
Con	ocoPhillips	ANGEL P	EAK B #45				
District SOUTH	Field Name BLANCO MV (PRO	API / UWI 3004525668	/ UWI County			State/Province NEW MEXICO	
Original Spu	#0078 d Date   Surface Legal Location M983   1839' FSL, 697'	   East/West Distance (ft)   697.00	East/West Reference	ce Nor	th/South Distance ( 1,839.00	ft) North/South Ref	
	FEL_24-028N-011VV				<u> </u>		
ftKB	VVeil	Config: - Original Ho	le, 11/15/2012 1	U:18:13 AI	VI	1.	
(MD)		Schematic - Actual				Frm Final	
12	<u> </u>			carmen	<u> an an an an an an</u>		
320	<i>\\/</i>					<u>}</u> .	
321			—Surface, 9 5/8in	; 8.921in; 12	ftKB, 321 ftKB		
322					•		
749 —						OJO ALAMO,	
923	THOMAS 2 20% A TOWN A LEE					KIRTLAND, S	
1,400	TUBING, 2 3/8in, 4.70ibs/ft, J-55, 12 ftKB, 2,865 ftKB					FRUITLAND, 1	
1,897	12 (110) 2,000 11.12					PICTURED CLIFFS	
1,960 -						LEWIS, 1,96	
- 2,131			•	•		İ	
2,133	PUP JOINT, 2 3/8in, 4.70lbs/ft,		-				
2,523	J-55, 2,865 ftKB, 2,867 ftKB						
2,855 -	TUBING, 2 3/8in, 4.70lbs/ft, J-55,		—PERF CHACRA,	2,523-3,168	,3/17/2003	CHACRA, 2,	
2,865	2,867 ftKB, 2,898 ftKB \\		•	•		3	
2,867	SEATING NIPPLE, 2 3/8in, 2,898 (1)			*****			
2,898	CK BODY, 2 3/8in, 2,899 ftKB,		** ***			· · .	
2,899	2,900 ftKB				•	*-	
	NOTCHED COLLAR, 23/8in, 2,900 ···			• •			
2,900 L	ftKB, 2,900 ftKB						
- 3,168 3,382							
3,387			Bridge Plug - Pe	rmanent, 3,3	82-3,387		
3,470						CLIFFHOUSE,	
4,250						POINT LOOKOUT	
4,486							
4,560			PERF POINT LO	OKOUT, 4,48	6-4,610,	MANCOS, 4,	
4,610	<i>.</i>		[3/11/1336				
4,821		Trees of			:		
4,828	PBTD, 4,828						
4,831		11/11/11	Comert Petrin	w 4 024 4 02	a		
4,833			Cement Retaine	1,4,031-4,83	<u> </u>		
- 5,154							
5,360			• •	•			
5,361	- 1 - 4 - 4		Intermediate1 ; 7	7in, 6.366in; 1	2 ftKB; 5;361 ftKB	1	
5,450 -	-					GALLUP, 5,4	
· 5,453 ·			PERF GALLUP,	5 453 <sub>6</sub> 8 004	8058983		
6,004	والماصخ فنمح فندحها	- 13	Siria Octob	<u> </u>	÷.401,4001		
6,208		-8////8				GREENHORN,	
6,212			PERF GREENHO	DRN, 6.212-6	,266, 8/25/1983		
6,266		"-	***************************************			· · · ·	
6,301					-	TWO WELLS,	
6,311					1.1.7 ;	1:	
6,359			Production1 4		, 5,154 ftKB, 6,360		
6,360	TO 0 000 04040002		ftKB		a har de desemble dina	•	
6,362	TD, 6,362, 8/19/1983					1	

#### **Proposed Schematic** ConocoPhillips Well Name: ANGEL PEAK B #45 APT/ UWI Ctate/Procince Surface Legal Location FERINA Upease No. Well-Confirmation Tyre Edit 3004525668 NEW MEXICO and Found to Fed 2019 Sept of Organical PE/RT Elevation (d) ha-Tublig Harger Distance of Ground Elevation at B-Cailig Flarge Dictaice क् 5,908.00 5,920.00 12.00 5,920.00 5,920.00 Well Config: - Original Hole, 1/1/2020 ftKB (MD) Frm Final Schematic - Actual 12 PRODUCTOR OF THE PROPERTY OF T Surface Casing Cement, 12-321, 8/6/1983, CEMENT WITH 330 CU FT CIRCULATED TO 320 Surface, 9 5/8in, 8.921in, 12. 321 SURFACE fikb, 321 fikb Plug #6, 12-371, 1/1/2020, Mix 82 sx Class E 322 cement and spot a balanced plug inside the 371 699 casing from 371' to surface, circulate good cement out casing valve. 749 OJO ALAMO, 749 Plug #5, 699-973, 1/1/2020, Mix 63 sx Class 923 -KIRTLAND, 923 -B cement and spot a balanced plug inside 973 casing to isolate the Kirtland and Ojo Alamo 1,350 1,400 FRUITLAND, 1,400 Plug #4, 1,350-1,450, 1/1/2020, Mix 29 sx 1.450 Class B cement and spot a blaance plug 1,847 inside casing to isolate the Fruitland top. 1,897 PICTURED CLIFFS, 1,897 Plug #3, 1,847-1,947, 1/1/2020, Mix 29 sx 1,947 Class Bicement and spot a balance plug 1,960 LEWIS, 1,960 inside casing to isolate the Pictured Cliffs 2,131 2,133 Casing cement, 12-2,133, 8/15/1983, 2,373 CEMENT WITH 998 CU FT CIRCULATED TO 2,473 Cement Retainer, 2,473-2,474 SURFACE 2,474 Plug #2, 2,373-2,473, 1/1/2020, Mix 29 sx .. . . . . 2,523 PERF CHACRA, 2,523-3,168, Class 8 cement and spot above CR to 2,855 -CHACRA, 2,855 isolate the Chacra perforation & formation 2,865 . . . . 2,867 2,898 2,899 2,900 2,900 3,168 3,282 Plug #1, 3,282-3,382, 1/1/2020, Mix 29 sx 3,382 Bridge Plug - Permanent Class B cement and spot above BP to isolate 3,387 the Mesaverde perforations and top. 3,382-3,387 3,470 - CLIFFHOUSE, 3,470 -4,250 - POINT LOOKOUT, 4,250 4,486 PERF POINT LOOKOUT, 4,560 MANCOS, 4,560 4,486-4,610,9/11/1996 4,610 4,821 PBTD, 4,828 4,828 Cement plug, 4,821-4,831, 9/10/1996, 1 BBL 4,831 Cement Retainer, 4,831-4,833 CEMENT ON TOP OF RETAINER 4,833 5,154 Intermediate Casing Cement, 2,133-5,361, 5,360 Intermediate1, 7in, 6.366in, 12 8/15/1983, CEMENT WITH 943 CU FT TOC 5,361 ftKB, 5,361 ftKB CALC AT 75% 5,450 5,453 PERF GALLUP, 5,453-6,004, 8/25/1983 6,004 6,208 GREENHORN, 6,208 PERF GREENHORN, 6,212-6,266, 6,212 6,266 8/25/1983 Production Casing Cement, 5,154-6,360, 6,301 TWO WELLS, 6,301 -8/19/1983, CEMENT WITH 192 CU FT 6,311 CIRCULATED TO SURFACE 6,359 Production1; 4 1/2in, 4.000in; Cement Plug, 4,833-6,360, 9/10/1996, PUMP 6,360 5,154 ftkB, 6,360 ftkB 302 SX BELOW RETAINER PLUGBACK, 6,360-6,362, 8/20/1983 · · · 6,362 TD, 6,362, 8/19/1983

Page 1/1

Report Printed: 11/14/2012

# 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: 45 Angel Peak B

### **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 Fruitland plug from 1632' -1532'.

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.