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Form 3160-5 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

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CHA	DRY NOTICES AND REP	Opte on Welle	it raudi		SF-080844		
			1	6. If Indian, Allottee or Tribe	Name		
	e this form for proposals well. Use Form 3160 <u>-</u> 3 ( <i>l</i>						
	IBMIT IN TRIPLICATE - Other ins	structions on page 2.		7. If Unit of CA/Agreement,	Name and/or No.		
1. Type of Well	n — — .		Į.				
Oil Well	X Gas Well Other		-};	8. Well Name and No.	- d D #400		
2. Name of Operator	<del> </del>			9. API Well No.	odes B #100		
_	ton Resources Oil & Gas	Company I P	ļ	30-045-29217			
3a. Address	·	3b. Phone No. (include area c	ode)	10. Field and Pool or Explora	<del></del>		
PO Box 4289, Farmingt	on. NM 87499	(505) 326-970	· ·	Fruitland Coal			
4. Location of Well (Footage, Sec., T., I				11. Country or Parish, State			
	E), 1770' FNL & 1850' FEL	., Sec. 20, T28N, R11V		San Juan	, New Mexico		
12. CHECK T	HE APPROPRIATE BOX(ES)	) TO INDICATE NATURE	OF NOT	ICE, REPORT OR OTI	HER DATA		
TYPE OF SUBMISSION		TYPE	OF ACT	TION ·	•		
X Notice of Intent	Acidize	Deepen	Pre	oduction (Start/Resume)	Water Shut-Off		
Tokeo of Intent	Alter Casing	Fracture Treat		eclamation	Well Integrity		
Subsequent Report	Casing Repair	New Construction	===	ecomplete	Other		
	<del>                                   </del>			*			
	Change Plans	X Plug and Abandon		emporarily Abandon	<del></del>		
Final Abandonment Notice  13. Describe Proposed or Completed O	Convert to Injection	Plug Back		ater Disposal			
The Pre-disturbance sit	s permission to P&A this w e visit was conducted on 1 oop system will be utilized v	0/6/14 with Bob Switze			•		
is attached. A closed it	ob system will be utilized	with this project.			•		
ACTION DOES NOT OPERATOR FROM ( AUTHORIZATION R ON FEDERAL AND I		JAN 2 3 20 NMOCI	015 D	1	CHED FOR OF APPROVAL		
14. I hereby certify that the foregoing		vped)		Chaff Davidaham T			
Pat	sy Clugston			Staff Regulatory To	echnician		
Signature Laus	y Clush	Date		11/24/201	14		
	THIS SPACE FO	OR FEDERAL OR STA	TE OFF	ICE USE			
Approved by		<del></del>					
- C \			D۲	-			
1704 Jalyer	<u> </u>		Title T	•	Date 1 121 2015		
Conditions of approval, if any, are atta			Office -				
that the applicant holds legal or equital entitle the applicant to conduct operation		icase winen would	F	Fo			

(Instruction on page 2)

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

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

## ConocoPhillips RHODES B 100 Expense - P&A

Lat 36° 39' 0.144" N

Long 108° 1' 25.896" W

#### **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. Utilize annular preventer. 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 inner string and LD (per pertinent data sheet).

Tubing Size

1-1/4" 2.33# J-55 IJ

Set Depth

702

KB:

.

6. TOOH with tubing (per pertinent data sheet).

Tubing size:

2-7/8"

6.4# J-55 EUE/UFJ

Set Depth:

17 ftKB

ftKB

ΚB:

12

#### \*\*\*NOTE: Ensure \_et pump defuser and pump body are returned to Aritificial Lift group.\*\*\*

- 7. PU 3-7/8" bit and watermelon mill and round trip as deep as possible above top perforation at 1332'.
- 8. PU 4-1/2" cement retainer on tubing, and set at 1282'. 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.

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 (Fruitland Perfroations and Formation Top, 1142-1282', 15 Sacks Class B Cement)

Mix cement as described above and spot inside plug to isolate the Fruitland perforations and Formation Top. Pull up hole.

See COA

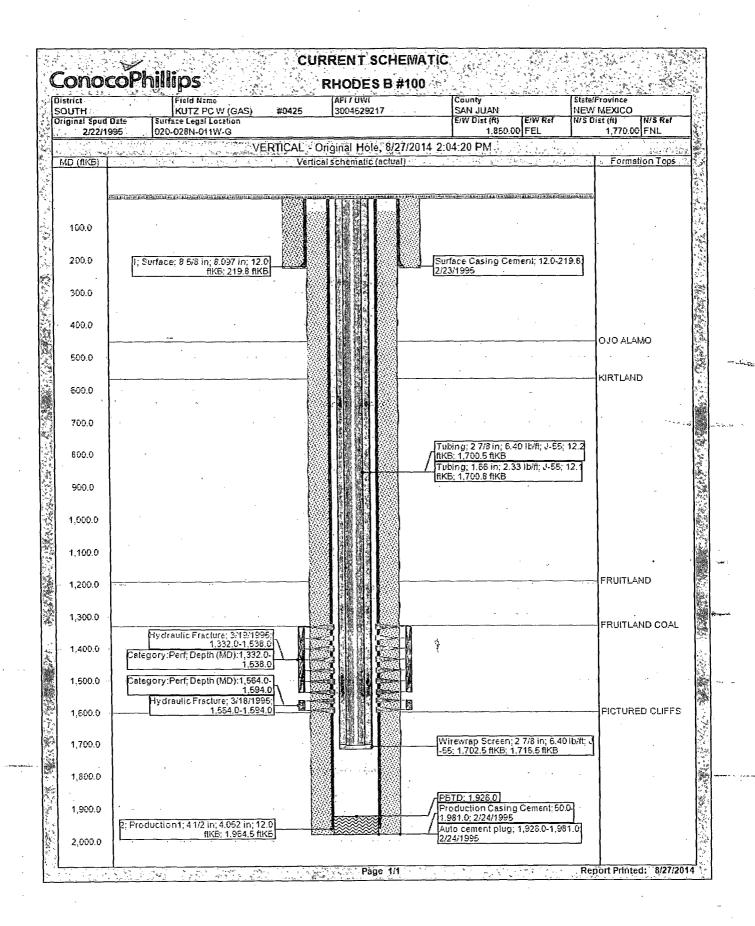
11. Plug 2 (Kirtland and O o Alamo Formation Top, 401-616', 21 Sacks Class B Cement)

Mix cement as described above and spot balanced plug to isolate the Kirtland and Ojo Alamo Formation Tops. Pull up hole.

12. Plug 3 (Surface Plug, 0-270', 25 Sacks Class B Cement)

Connect the pump line to the bradenhead valve and attempt to pressure test the BH annulus to 300 psi. Note the volume to load. Mix 25 sacks Class B cement and spot balanced plug inside casing from 270' to surface. 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.

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.



E-2			Proposed_	Schematic			
D S	istrict OUTH riginal S	Pocophillips   Field Name   KUTZ PC W (GAS pud Date   Surface Legal Location   1020-028N-011W-G		County SAN JUAN EastWest Reference	North/South Distance	State/Province NEW MEXICO (ii) North/South Reference 770.00   FNL	
		F-67-133-00-3-0-3-0-17-1	-			·	
	MD.	<u> </u>	VERTICAL - Original Hol	e, 1/1/2020 1:15:00 AM			-
(	f(KB)	<u>a ang kang kang kang kang kang kang kang</u>	Vertical schematic (actual)	<u> </u>		Formation Tops	
	12.1 mix	n Marie de la minaj propeta projecto de la mina de la mina de la minaj de la minaj de la minaj de la minaj de l La minaj de la minaj propeta projecto de la minaj d			r dánski útál derminants		
	499						
-	2198		Jist	Casing Joins: 12 0/219 8 Surface Casing Cement, 12 0/219.9 SXS CLASS G. CNT W. 3% CACL FLOCELE (248 CUFT) CIRCULATE	CEME(1) W 210 0 25 PPS 0 13 BBIS CIAT		
	2193	, v		10 SURFACE 2/23/1995			
	225,1	. (S		j			
	270 0	<i>;</i> •		Phig #3, 12 0-270 0, Mix 25 sx Class spot balanced plug inside casing from 1/1/2020	a 550, to anuace		
	460 9						
	451.1				o10	ALAMO	
	565 9	·		en e	. KIRI	TLAND	
	2034			Flug #2, 401 0-616 6, Mix 21 sx Cta spot balanced plug to isolate the Kir	ss B cement and	, 5 5	
	616.1	•		Name formation tens   1/1/2020     Castrid Johns   12 0-1 903 0     Plug #1; 1,142 0-1,282 0, Max 15 sx			
	1,142 1			and spot inside plug to iscline the Fight formation top.; 1/1/2020 Hydraubic Fracture: 1,392,0-1,538 D 2010 BRADY SAND, 198 BBLS 201	FRAC W/ 52,090#		
	3,191.9			SCF 1/2 Net stim: 206; Remarks: Fi PER DESIGN GOOD JOB, FIELD: STAGES	RACED WELL AS	JITLAND ·	
	1,282.2			356022 56, ALL FRAC FLUID 20# LINEAR N2 F 20# LINEAR 70 QUALITY N2 FOAN [20# LINEAR 70 QUALITY N2 FOAN	LPAD		
		Cement Retainer; 1,282.0-1,285.0; 1/1/2020		8040ii 2 PPG, 8820ii 3 PPG ALL SAND TAGGED WITH 10 MICH 20ii LINEAR 60 QUALITY NZ FOAN	IR-192 TRACER		
	1,265 1			17325# \$ PPG, ALL SAND TAGGED WITH 12 INCLIR-192 TRA 30# LINEAR 60 QUALITY N2 FOAL 3410/1995	ITLUSH:		
	1,336.1	Paul and the transport of the second of the		PERF + FRUITLAND COAL; 1,332.0 3/15/1995; PERF UFFER FRUITLA [1403: 1469 - 75; 1497; 1536 - 38, 1	ND COAL 1332,	JITLAND COAL	
ľ	1,332.0			holes.	ND COAL 1564 - 1		
	1,538.1			Hydrause Fracture, 1,564 G-1,594 C 26/10 BRADY SAMO & 190 BBLS 2 SCF 1/2 Met sten 30, Remarks; FR	FRAC W/53,000# 0# GEL \$ 314,500 ACED WELL AS	4	
	1,5840			PER DESIGN GOOD JOB FLIELD STAGE FRACTURE REPORT, ALL FRAC FLUID 304 LINEAR N2			
	1.584 2			30# LINEAR 70 QUALITY N2 FOAT 30# LINEAR 70 QUALITY N2 FOAT 5544# 2 PPG, 11760# 3 PPG SAND TAGGED WITH 10 MCI IR-1	J PAD. J, 6237# 1 PPG		
	1,9542			12075# 5 FPG ALL SAND TAGGED WITH 12 LICHR-192 TR	1 12160# 1 FPG		
	1,600,1			30# LINEÁR 56 QUALITY 112 FOAI 3/15/1995	A FLUSH: PIC	TURED CLIFFS	
	1,925 9	Analysis and the second					
	1,953.6	The second secon		Casing Shoe; Thresd Lock Y/H; Y; Auto cement pag; 1,920.0-1,951.0	.963.6-1.961.5 Automatically		<del></del> -
	1,9646			nad a tapged depth. 2/24/1995 Froduction Cosing Cement, 50.0-1	g cement because it		
	10214	1		163 SXS CLASS 'G' CMT W/ 4 GF D 25% TIC-D, 0 10 GPS D-46, 3 P/ PPS CELLOPHA IE, 0 20% D-112 W/ 167 SXS CLASS 'G' NEAT CM'	S DISPERSANT, PS KOLITE, 0.25 (546 CUFT) TAIL		
	1,961.0			FUNE SHICA 0 25 D-65 TIC D. O MINIFOMM. 0 25 PFS CELLOPHA TOC 60' RAM BY CBL. ON 3-15/19/	10% D-46 ME (342 CUFT).		

- - Sent files

# 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: Rhodes B #100

### **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) Bring the top of plug #2 to 356 ft. to cover the Kirtland and Ojo Alamo tops. Adjust cement volume accordingly.

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.