Form 3160-5 (August 2007)

UNITED STATES

DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No 1004-0137

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		ſ	5 Leace Serial No.	

	BUREAU OF LAND MAI	NAGEMENT 30);] O i = 0	Expires:	July 31, 2010		
		Farmir	ngton Field	5 Lease Serial No	BB 05400		
CIIN	DRY NOTICES AND REP				M-05493		
	e this form for proposals			o indian, Anotice of Thoe N	anc		
	well. Use Form 3160-3 (A						
	IBMIT IN TRIPLICATE - Other ins			7. If Unit of CA/Agreement, Na	ame and/or No.		
1. Type of Well	······································			San Juan 28-6 Unit			
Oil Well	K Gas Well Other			8 Well Name and No			
					n 28-6 Unit 136		
2. Name of Operator	ton Resources Oil & Gas	Company I P		9. API Well No.	39-20038		
3a Address	ton Resources On & Gas	3b. Phone No (include	area code)	10. Field and Pool or Explorate			
PO Box 4289, Farmingto	on, NM 87499	(505) 326-		•	sin Dakota		
4. Location of Well (Footage, Sec., T.,R				11. Country or Parish, State			
Surface Unit P (SESE), 990' FSL & 990' FI	EL, Sec. 11, T28N,	, R6W	Rio Arriba	, New Mexico		
12. CHECK 1	THE APPROPRIATE BOX(ES) TO INDICATE NAT	URE OF NO	TICE, REPORT OR OTHI	ER DATA		
TYPE OF SUBMISSION		T	YPE OF AC	TION			
X Notice of Intent	Acıdize	Deepen	I.	Production (Start/Resume)	Water Shut-Off		
	Alter Casing	Fracture Treat	I	Reclamation	Well Integrity		
Subsequent Report	Casing Repair	New Construction	I	Recomplete	Other		
	Change Plans	X Plug and Abandon	=	Temporarily Abandon			
Final Abandonment Notice	Convert to Injection	Plug Back		Water Disposal			
Attach the bond under which the w following completion of the involv	onally or recomplete horizontally, give ork will be performed or provide the ed operations. If the operation results Abandonment Notices must be filed	e subsurface locations and Bond No. on file with BLI s in a multiple completion	measured and t M/BIA. Require or recompletion	rue vertical depths of all pertiner ed subsequent reports must be fil i in a new interval, a Form 3160-	nt markers and zones. led within 30 days 4 must be filed once		
Burlington Resources i wellbore schematics.	requests permission to P	&A the subject we	ell per the a	attached procedure, c	urrent and proposed		
	Notify NMOCD 24 hrs prior to beginning operations				VD JUN 15'12		
				acture)	L CONS. DIV.		
					DIST. 3		
14 I hereby certify that the foregoing is	s true and correct. Name (Printed/Typ	ped)					
Dollia I. Russa		Title	toff Regula	tory Technician	•		

Date Signature THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved by Original Signed: Stephen Mason Date JUN 1 2 2012 Title Conditions of approval, if any, are attached Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would Office entitle the applicant to conduct operations thereon

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 juris

ConocoPhillips SAN JUAN 28-6 UNIT 136 Expense - P&A

Lat 36° 40' 16.788" N

Long 107° 25' 50.34" 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. Plug depths may change per CBL.

- 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 at least pump tubing capacity of water down tubing.
- 5. ND wellhead and NU BOPE. Function test BOP. PU and remove tubing hanger.
- 6. Unset packer (if possible) and TOOH with tubing (per pertinent data sheet). If necessary, use packer plucker to mill out and retrieve packer.

Rods:	No	Size:		Length:		
Tubing:	Yes	Size:	2-3/8"	Length:	7995'	
Packer:	Yes	Size:	4-1/2"	Depth:	6606'	Baker Model R-3 Retrievable
						Packer

7. PU mill and bit sub and RIH to CO to top of perforations (7792'). TOOH. LD mill and bit sub

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.

8, Plug 1 (Dakota Perfs, Dakota Top and Gallup Top, 6893-7742', 69 Sacks Class B Cement)

RIH and set Cement retainer for 4-1/2" 11.6# J-55 casing at 7742'. Load casing and pressure test casing to 800 psi. Spot and tag subsequent plugs as appropriate. Run CBL from the top of cement retainer (7742') to surface. Call production engineer to confirm cement plug depths. Pressure test tubing to 1000 psi. Load casing with water and attempt to establish circulation. Mix 69 sxs of Class B cement and spot inside the casing above CR to isolate the DK perforations, DK formation top and the Gallup formation top. PUH

9. Plug 2 (Mancos, 6219-6319', 12 Sacks Class B Cement)

Mix 12 sxs Class B cement and spot a balanced plug inside the casing to isolate the Mancos formation top. TOOH.

10. Plug 3 (Mesa Verde, 5264-5364', 65 Sacks Class B Cement)

Perforate 3 HSC squeeze holes at 5364'. RIH and set CR at 5314'. TIH with tubing and sting into CR. Establish injection rate into squeeze holes. Mix 65 sxs Class B cement. Squeeze 53 sxs into HSC holes and leave 12 sxs inside casing to isolate the Mesa Verde formation top. PUH.

11. Plug 4 (Fruitland and Pictured Cliffs, 3128-3615', 41 Sacks Class B Cement)

Mix 41 sxs of cement and spot a balanced plug inside the casing to isolate the Fruitland and Pictured Cliffs formation tops. TOOH.

12. Plug 5 (Kirtland and Ojo Alamo Tops, 2788-2980', 137 Sacks Class B Cement)

Perforate 3 HSC squeeze holes at 2980'. RIH and set CR at 2930'. TIH with tubing and sting into CR. Establish injection rate into squeeze holes. Mix 167 sxs Class B cement. Squeeze 146 sxs into HSC holes and leave 24* sxs inside casing to isolate the Kirtland and Ojo Alamo formation tops. TOOH

1531 1431

13. Plug 6 (Nacimiento, 1398-1498', 65 Sacks Class B Cement)

Perforate 3 HSC squeeze holes at 1498. RIH and set CR at 1448. TIH with tubing and sting into CR. Establish injection rate into squeeze holes. Mix 65 sxs Class B cement. Squeeze 53 sxs into HSC holes and leave 12 sxs inside casing to isolate the Nacimiento formation top. TOOH

14. Plug 7 (Surface Casing Shoe and Surface Plug, 0-370', 162 Sacks Class B Cement)

Perforate 3 HSC squeeze holes at 370'. Establish circulation out the bradenhead with water and circulate the bradenhead annulus clean. Mix 162 sxs Class B cement and pump down production casing to circulate good cement out bradenhead. Shut in well and WOC.

15. 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 ConocoPhillips SAN JUAN 28-6 UNIT #136 State/Province District Edit Field Name County RIO ARRIBA BSN DK(PRO GAS) #0069 |3003920038 SOUTH **INEW MEXICO** Original Spud Date EAV Dist (ft) N/S Diet (#1) Surface Legal Location 6/10/1967 990' FSL 990' FEL,11-028N-006W 990.00 E 990.00 S Well Config: - Original Hole, 6/1/2012 10:55:54 AM #KB (MD) Schematic - Actual Frm Final -Surface, 9.5/8ln, 9.001in, 10.ftKB, 320.ftKB |Surface Casing Cement, 10-320, 6/10/1967 0 10 CEMENT W/ 200 SXS CLASS 'A' CMT, 1/4 319 CUFT STRATA-CRETE "6", 3% CACL. CIRCULATE TO SURFACE 320 Cement Squeeze, 473-490, 6/6/1995, TOC 331 UNKNOWN, CASING FAILURE 473' - 490'. 473 SQUEEZED HOLE 473' W/ 15 SXS & 490' W/ 225 SXS CMT, LOCATED CASING FAILURE 490 BTV/N 455' - 487'. PUMPED 10BBLS WTR. 1,448 NACIMIENTO, 1,448 DROPED DYE, PUMP 5BBLS MORE, PUMPED 2,808 OJO ALAMO, 2,808 CEMENT, DIS. 3-3/4 BBLS, SHUT DN. 15MIN, 2,930 DIS. 1/4BBL SHUT DN. DIS.1/4BBL. DIS. KIRTLAND, 2,930 1/8881 3,000 490, 6/5/1995 Tubing, 2 3/8in, 4.70lbs/ft, J-55, 3,178 FRUITLAND, 3,178 Production Casing Cement, 3,000-3,723. PICTURED CLIFFS, 10 ftKB, 6,603 ftKB 3,565 7/6/1967, TOC 3000' RAN BY TEMP SURVEY 3.565 EWIS, 3,700 ON 7/6/1967, CEMENT 3RD STG W/ 190 SXS 3,700 CLASS 'C', 4% GEL, 1/4 CUFT 3,723 STRATA-CRETE. 4,492 Cement Squeeze, 5,157-5,188, 6/9/1995, TOC UNKNOWN, SQUEEZE 5157' - 5188'. 4.494 PUMP 50 SKS CLASS B NEAT 5,157 CEMENT.SQUEEZED HOLE @ 5157', SHUT IN 5,188 W/1500PS1. 5,283 Coil tubing unit indicator: YES Tool company: BAKER 5,314 CLIFF HOUSE, 5,314 Tool typ: MECHANICAL PACKER 5,386 MENEFEE, 5,386 Walt on cement (hrs): 12 5,414 Cement Squeeze, 5,283-5,314, 6/3/1995, TOC UNKNOWN, ISOLATED LEAK @ 5283' 5,730 POINT LOOKOUT, 5,730 5314', SQUEEZED W/ 50 SXS CLASS 'G' 5,980 NEAT % 2% CACL2. SQUEEZED HOLE @ 6,230 49071VI/50 SKS CLASS G CEMENT 6,251 Production Casing Cement, 5,414-5,980, 7/6/1967, TOC 5414' BY CALCULATION 6,269 MANCOS, 6,269 USING 1.22 CUFT/SX & 75% EFFICIENCY. 6,504 CEMENT 2ND STG W/ 190 SXS CLASS 'C' Baker Model R-3 Retrievable 6,603 1/4 CUFT STRATA-CRETE, 4% GEL, 2% Packer, 4 1/2in, 6,603 ftKB, 6,606 6,606 CACL Cement Squeeze, 6,251-6,504, 6/2/1995, 6,694 Tubing, 2 3/8in, 4.70lbs/ft, J-55. TOC UNKNOWN, CASING FAILURE @ 6504 6,749 6,606 ftKB, 7,990 ftKB and 6251', RALANCED PLUG AND POOH & Hyd Frac-Other, 7/7/1967, FRAC SET PKR @ 3672' REV. CIRC. W/28 BBLS. 6,751 W/73 920 GALS WATER & Total depth of work string for squeeze job: 6,943 GALLUP, 6,943 70.000# 40/60 SAND, DROPPED 4 5860 7,790 SETS OF 16 BALLS FACH **DAKOTA, 7,790** Time cementing mixing started: 15:47 FLUSHED W/ 5754 GALS WATER Tool depth: 14 7,792 F Nipple, 2 3/8in, 7,990 ftKB, PERF - DAKOTA, 7,792-8,036, 7/7/1967 7,990 7,991 ftKB 7,991 Tubing, 2 3/8in, 4.70lbs/ft, J-55, 7,991 ftKB, 7,995 ftKB Production Casing Cement, 6,694-8,121, 7,995 7/6/1967, TOC 6994' BY CALCULATION 8,036 USING 1.18 CUFT/SX & 75% EFFICIENCY. 8,088 CEMENT 1ST STG W/ 290 SXS CMT, 50/50 POZ CLASS 'A', 2% GEL, 1/4# FINE 8,089 PBTD, 8,089 TUF-PLUG. 8,120 Production1, 4 1/2in, 4.000in, 10 ftKB, 8,121 8,121 TD, 8,121, 7/6/1967 Page 1/1 Report Printed: 6/1/2012

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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: 136 San Juan 28-6 Unit

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 the Dakota/Gallup plug to 6729'.
- b) Place the Chacra plug from 4235' 4135' inside and outside the 4 1/2" casing.
- c) Place the Kirtland/Ojo Alamo plug from 2980' 2705' inside and outside the 4 ½" casing.
- d) Place the Nacimiento plug from 1531' 1431' inside and outside the 4 1/2" casing.

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.