## RECEIVED

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

DEC 20 2010

Sundry Notices and Reports on Wells	Bui	Farmington Field Office reau of Land Managemen.
	5.	Lease Number
1 /D - 633/ H		SF-079492-B
1. Type of Well GAS	6.	If Indian, All. or Tribe Name
	_	
2. Name of One and an	7.	Unit Agreement Name
2. Name of Operator		San Juan 27-5 Unit
BURLINGTON		
RESCURCES OIL & GAS COMPANY LP	8.	Well Name & Number
3. Address & Phone No. of Operator	o.	San Juan 27-5 Unit 182
PO Box 4289, Farmington, NM 87499 (505) 326-9700	9.	API Well No.
1 O Box 4289, Fallington, NW 87499 (303) 320-9700	<del></del>	All Well No.
4. Location of Well, Footage, Sec., T, R, M		30-039-20815
1. Escalia di Weng i dollage, secti, 1, 11, 112	10.	Field and Pool
Unit G (SWNE), 1600' FNL & 1500' FEL, Section 23, T27N, R5W, NMPM		Tapacito Pictured Cliffs
	11.	<b>County and State</b>
		Rio Arriba, NM
Casing Repair Water Shut off Final Abandonment Altering Casing Conversion to Injection		
13. Describe Proposed or Completed Operations		
Burlington Resources requests permission to P&A the subject well per the attached proceed wellbore schematic.	edures, c	urrent and proposed RCVD DEC 29'10
		OIL COWS. DIV.
		oil como. Div. Dist. 3
SEE ATTACHED	FOR	Vidi. u
Notify NMOCD CARDITIONS OF THE		₹.f
prior to beginning operations  ONUTIONS OF AF	LUOAF	
14. I hereby certify that the foregoing is true and correct.		
Signed Talous Crystal Tafoya Title: Staff Regu	latory Te	chnician Date /2/20//
(This space for Federal or State Office use)		
APPROVED BY Troy L. Salvers Title Petroleum Engineer		Date 12 28 2010
CONDITION OF APPROVAL, it any:		
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.		

### Expense – P&A

December 16, 2010

### **SAN JUAN 27-5 UNIT 182 (PC)**

Tapacito Pictured Cliffs 1600' FNL and 1500' FEL, Unit G Section 23, T27N, R05W Rio Arriba, New Mexico / API 30-039-20815 Lat: 36° 33' 41.688" N/ Long: 107° 19' 23.232" W

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

- 1. 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.
- Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety
  regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on
  location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well.
  Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND
  wellhead and NU BOP. Function test BOP.

3.	Rods: Yes, No_X_, Unknown
	Tubing: Yes, NoX_, UnknownSize, Length3221'
	Packer: Yes, No_X_, UnknownType
	If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.

- 4. Plug #1 (PC perforation, Fruitland Coal, Kirtland, and Ojo Alamo tops: 3306' 2682'): RIH and set 2-7/8" CIBP at 3306'. Load casing and circulate well clean. Pressure test tubing to 1000 PSI. Pressure test casing to 800#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 19 sxs Class B cement and spot above CIBP to isolate the PC perforations, Fruitland, Kirtland, and Ojo Alamo tops. POH.
- **5.** Plug #2 (Nacimiento top, 1441' 1341'): Perforate 3 squeeze holes at 1441'. TIH and set CR at 1391'. Establish a rate into the squeeze holes. Mix 40 sxs Class B cement, squeeze 35 sxs outside the casing and leave 5 sxs inside casing to cover Nacimiento top. TOH and LD tubing.
- 6. Plug #3 (8-5/8" surface casing shoe, 177' surface'): Perforate 3 squeeze holes at 177'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix 93 sxs Class B cement. Squeeze 86 sxs cement outside the casing and leave 7 sxs in the casing.
- 7. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

## Current Schematic

ConocoPhillips
Well Name: SANJUAN 27-5 UNIT #182

API/VWI | Seriase Legal Location | Feed Name

APIZUWI 3003920	815 NMPM,023-027N-00	Field Name 5VV TAPACITO (PICTURED C	S. Premi	NEW MEXICO	Well Coung (1980) Nipe Edit
Ground Eku 6,	ளம் ரி   Original KB/RT Ekuation (1) 539.00   6,550.00	KB-Ground DI	ktance (10) ∣KB-Ca	sing Flange Ostance (11) 6,550:00	KB-Tiblig Haiger Distance (ft) 6,550:00
2000 100 A 1	and the common of the common o	Well Config: - Ori	iginal Hole; 10/11/2010	10:30:00 AM	
ftKB (MD)		Schematic	- Actual		Frm Final
	<u></u>	30.79			
- 11	<u> </u>				
			Suntana Casina C	Samont 44 407	
126				/ 90 sks class A w/ 1/4#	
			gel flake/sk and 3 surface.	% CaCl2. Circulated to	
127	• • •		Surface, 8-5/8in,	8.097in, 11 ftKB, 127 ftKB	
				, 2,530-2,550, 12/3/1984, lass B @ 1/2 BPM @	
1,391			∫1500 psi pressur	ed to 2000 psi, hesitate	NACIMIENTO, 1,391
				, 2,299-2,553, 12/6/1984,	
- 2,732			pumped 28 sxs @ balance plug.	@1-1/2 BPM @ 1700 psi	OJO ALAMO, 2,732
			, <u>.</u>		
2,900					KIRTLAND, 2,900
3,112					FRUITLAND, 3,112
3,356					PICTURED CLIFFS, 3,356
- 3,358					
			Pictured Cliffs, 3,3	358-3,370, 5 <i>/</i> 2/1974	
- 3,370					
	Hyd Frac-Slickwater, 5/2/1974,				
- 3,396	Fraced w/ 47000# 10/20 sand _ and 42680 gallons treated				
	water.		Pictured Cliffs, 3,3	396-3,426, 5/2/1974	
· 3,426					
3,514	PBTD, 3,514				
_,_,,	<u> </u>			Cement, 2,550-3,525, pumped 2/76 sxs 65/35	
3,524			Class A POZ mix	w/12% gel: follow by 50	
J <sub>1</sub> JZ4			dated 4/12/72	cmt. TOC @ 2550' TS	
2 505	TR 0 FOE		Cement Plug, 3,51 Production1, 2 7/8	4-3,525, 5/2/1974 3in, 2.441in, 11 ftKB,	
3,525	TD, 3,525		3,525 ftKB	-	
			Page 1/1		Report Printed: 12/17/2010

## Current Schematic

ConocoPhillips Well:Name: SAN JUAN 27.5 UNIT #182

AF170WI 3003920	815	Sirace Legal Location NMPM,023-027N-005	Field Name  TAPACITO (PICTURED CLIFFS)	Liberse No. State/Prouince NEW MEXICO	Well Configuration Type Edit
Ground Eleus	<b>ாம். ரு</b> 539.00	Original KB/RT Ekvation (f) 6,550.00	KB-Ground Distance	(m) IAB-Casing Flange Distance (m) 1+00 6:550.00	KB-Tiblig Haiger Distance (fly /6,550!00
E CONTRACTOR OF THE CONTRACTOR	enter en		Well Config.	- Original Hole, 1/1/2020	
			Schematic - Ac		Frm Final
- 11		**************************************		Surface Casing Cement, 11-127, 3/26/1974, cmt w/ 90 sks class A w/ 1/4# gef flake/sk and 3% Cacl2. Circulated to surface.	-
126				/_Surface, 8 5/8in, 8.097in, 11 ftKB, 127 ftKB //Perforate for Plug #3, 177, 1/1/2020 //Plug #3, 11-177, 1/1/2020	
127				Plug #3, 11-177, 1/1/2020, Mix 93 sxs Class B cement. Squeeze 86 sxs cement	
- 177	-			outside the casing and leave 7 sxs in the casing.  Cement Retainer, 1,391-1,392	
- 1,391				Perforate for Plug #2, 1,441, 1/1/2020  Plug #2, 1,341-1,441, 1/1/2020, Mlx 40 sxs Class B cement, squeeze 35 sxs outside	NACIMIENTO, 1,391
- 1,392				the casing and leave 5 sxs inside casing to cover Nacimiento top Plug #2,1,341-1,441,1/1/2020	
- 1,441				Cement Squeeze, 2,530-2,550, 12/3/1984, pumped 50 sxs Class B @ 1/2 BPM @ / 1500 psi pressured to 2000 psi; hesitate	
- 2,732		······································		squeeze. Cement Squeeze, 2,299-2,553, 12/6/1984, pumped 28 sxs @ 1-1/2 BPM @ 1700 psi	OJO ALAMO, 2,732
2,900		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		balance plug.	KIRTLAND, 2,900
3,112				Plug #1, 2,682-3,306,1/1/2020, Mix:19.sxs Class B cement and spot above CIBP to / isolate the PC perforations, Fruitland,	FRUITLAND, 3,112
3,306				Kirtland, and Ojo Alamo tops.  Bridge Plug - Permanent, 3,306-3,307	·
3,307					
- 3,356 - 3,358					PICTURED CLIFFS, 3,356
3,370	Hud Eros S	lickwater, 5/2/1974,		Pictured Cliffs, 3,358-3,370, 5/2/1974	
3,396	Fraced w/	47000# 10/20 sand 2680 gallons treated			
3,426		water.		Pictured Cliffs, 3,396-3,426, 5/2/1974	
3,514		PBTD, 3,514		Production Casing Cement, 2,550-3,525, 4/12/1974, Dowell pumped 2/76 sxs 65/35 Class A POZ mix w/12% gel: follow by 50	
3,524		•		sxs class A Neat cmt. TOC @ 2550' TS   dated 4/12/72   Cement Plug, 3,514-3,525, 5/2/1974   Production 1, 2,7%ip, 3,444 ip, 11,45/8	1
3,525		TD, 3,525		<u>/</u> Production1, 2 7/8in, 2.441in, 11 ftKB, 3,525 ftKB	
				Page 1/1	Report Printed: 12/17/2010

### Plugging and Abandonment Condition of Approval

**Operator:** 

**Burlington Resources** 

Lease No.:

NMSF-079492-B

Well Name:

San Juan 27-5 Unit #182

Well Location:

Sec.23, T27N, R5W; 1600' FNL & 1500' FEL

- 1) Adjust the Nacimiento top (plug #2) to (1548-1448) ft
  - Perforate the casing at 1548 ft
  - Set the CICR at 1498 ft



After hour contact: Troy Salyers 505-360-9815

### **BLM CONDITIONS OF APPROVAL**

The following surface rehabilitation Conditions of Approval must be complied with as applicable, before this well can be approved for final abandonment (see 43 CFR 3162.3-4). Surface rehabilitation work shall be completed within one year of the actual plugging date. Notification for completion of this work can be submitted with a Sundry Notice.

- 1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location.
- 2. Production pits will be closed according to the Unlined Surface Impoundment Closure Guidelines, as approved in the Environmental Assessment of December 1993. Any oil stained soils may be remediated on-site according to these guidelines or disposed of in an approved disposal facility.
- 3. The well pad will be shaped to the natural terrain and left as rough as possible. All compacted areas and areas devoid of vegetation shall be ripped to a minimum of 12" before seeding.
- 4. Access roads will be shaped to conform to the natural terrain and left as rough as possible to detour vehicular travel. Access will be ripped to a minimum of 12" in depth and waterbarred prior to seeding. All erosion problems created by the development must be corrected prior to acceptance of release. Waterbars should be spaced as shown below:

% Slopes	Spacing Interval
Less than 20%	200'
2 to 5%	150'
6 to 9%	100'
10 to 15%	50'
Greater than 15%	30'

All water bars should divert to the downhill side of the road.

- 5. All disturbed areas will be seeded with the prescribed certified seed mix (reseeding may be required).
- 6. Notify Surfacing Managing Agency seven (7) days prior to seeding so that they may be present for that option.
- 7. The period of liability under the bond of record will not be terminated until the lease is inspected and the surface rehabilitation approved.

Other SMA's may vary slightly in their restoration requirements. It is your responsibility, as the operator, to obtain surface restoration requirements from other SMA's. We need to be provided with a copy of these requirements. Any problems concerning stipulations received from other SMA's should be brought to us.

On private land, we should be provided with a letter from the fee owner stating that the surface restoration is satisfactory.