submitted in lieu of Form 3160-5

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED

APR 01 2009

Sundry Notices and Reports on Wells	Bure	au of Land Managemen
	5.	mincton Field Office
1 True of Wall		F_077764
1. Type of Well GAS		Indian, All. or ribe Name
	7. U i	nit Agreement Name
2. Name of Operator		
BURLINGTON RESCURCES OIL & GAS COMPANY LP		
HESCINCES OIL & GAS COMPANY LP	8. W	ell Name & Number
3. Address & Phone No. of Operator	So	chumacher 1A
PO Box 4289, Farmington, NM 87499 (505) 326-9700	9. A l	PI Well No.
	30	0-045-26639
4. Location of Well, Footage, Sec., T, R, M	10. Fi	eld and Pool
Surf: Unit C (NENW), 870' FNL & 1430' FWL, Section 17, T30N, R10W,	11. C e	anco Mesaverde ounty and State in Juan, NM
12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, I	REPORT, OTHER DAT	ΓA
Type of Submission Type of Action X Notice of Intent X Abandonment Change of	f Plans Othe	er –
Recompletion New Cons Non-Route Non-Route	struction ane Fracturing	RCUD APR 7 '09
Casing Repair Water Shu	_	DIL CONS. DIV.
Final Abandonment Altering Casing Conversion	on to Injection	015T. 3
13. Describe Proposed or Completed Operations		
Burlington Resources wishes to P&A this well per the attached procedures and wel	ll bore schematics.	,
	2	
14. I hereby certify that the foregoing is true and correct.		
Signed Kelly Jeffery Title	Regulatory Technician	Date <u>4/1/09</u> .
(This space for Federal or State Office use) APPROVED BY Original Signed: Stephen Mason	Da	te APR 0 6 2003
CONDITION OF APPROVAL, if any: Ttle 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.		

ConocoPhillips Schumacher 1A (MV) PLUG AND ABANDON

Lat 36° 48′ 59.328" N Long 107° 54′ 37.8" W

Prepared By: Catlain H. Richardson

Peer Review/Approved By:

Date: 03/11/09

Date: / /

Scope of work: Pull rods and pump. Permanently abandon wellbore.

WELL DATA:

API: 30-045-26639

Location: 870' FNL & 1430' FWL, Unit C, Section 17– T 30 N – R 10 W

Perforations: 5232'-5606' (MV)

PBTD: 5694' **TD:** 5711'

Casing:	<u>OD</u>	Wt., Grade	Connection	ID/Drift (in)	<u>Depth</u>
	9-5/8"	36.0#, J-55	-	8.921/8.765	225′
	7"	20.0#, K-55	-	6.456/6.331	3311'
<u>Liner:</u>	4-1/2"	10.5#, K-55	_	4.052/3.927	3132' - 5710'
<u>Tubing:</u>	2-3/8"	4.70#, J-55	EUE	1.995/1.901	5632'
F Nipple:	2-3/8"	4.70#, J-55	-	1.780	5598'

Well History/ Justification: The Shcumacher 1A is a standalone Mesaverde well that was originally drilled and completed in 1986. The Cliffhouse was added to the well in 1996. A pumping unit was installed in 1998, and there has been a history of repetitive pump failures since with four pump changes occurring the in the past two years alone. Despite having squeezed off the Cliffhouse completion in 2008 to reduce the large amounts of water being produced (about 80 bbl per day), attempts at returning the well to production have been unsuccessful. Casing pressure remains abnormally low and water production remains phenomenally high. The dim prospect of production does not justify the expenses associated with treating a sour well, repeatedly repairing the well's pump or installing compression to allow the low casing pressure to produce against line pressure. Additionally, the well's lack of production has been an ongoing regulatory issue, and, although production was spiked to remove it from the demand list, it is only a matter of time before it is again a regulatory problem.

Bradenhead/Intermediate/Casing/Production Annulus History: The last bradenhead test was conducted in 2005 on this well there was no pressure on the bradenhead valve and no flow of any type. There was an MIT conducted in 2007 and one again in 2008 after the Cliffhouse completion was squeezed.

B2 Adapters are required on all wells other than pumping wells.

Artificial lift on well (type): Rod pump

Est. Reservoir Pressure (psig): 800-900 psi (MV, high-end estimate provided by RAM)

Well Failure Date: Mid-2003

Current Rate (Mcfd): 0 Mcfd Est. Rate Post Remedial (Mcfd): 0 Mcfd

Earthen Pit Required: NO - Steel pit is required

Special Requirements: Steel pit for returns, cementing equipment as procedure requires,

cement and A-Plus Well Service rig

Production Engineer: Catlain Richardson Office: 327-7352, Cell: 320-3499

Backup Engineer: Matt Gastgeb Office: 326-9812, Cell: 320-4119

MSO: Donny Snell Cell: 793-6270

Lead: Jay Wendeborn Cell: 320-0455

Area Foreman: Jim Kennedy Cell: 486-1915

H2S: 23 ppm (at the separator)

ConocoPhillips Schumacher 1A (MV) PLUG AND ABANDON

Lat 36° 48' 59.328" N Long 107° 54' 37.8" W

PROCEDURE:

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 15.8 ppg with a 1.18 cf/sx yield.

- 1. This project requires the Operator to obtain an approved 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.
- 2. 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 X , No, Unknown
	Tubing: Yes X , No, Unknown, Size <u>2.375"</u> , Length <u>5632'</u>
	Packer: Yes, No _X_, Unknown, Type
	If well has rods or a packer, then modify the work sequence in Step #2 as appropriate.
	3642

- 4. Plug #1 (Mesaverde interval and Chacra top, 4486' 3908'): TIH and set 4.5" CR at 4486'. Load casing with water and circulate well clean. Pressure test casings to 1000#. If the casings do not test, then spot or tag subsequent plugs as appropriate. Mix 46 sxs Class B cement above CR to isolate the Mesaverde interval and cover the Chacra top. PUH.
- 5. Plug #2 (7" casing shoe, 4.5" liner top, Pictured Cliffs and Fruitland tops: 3361' 2590'): Load casing and circulate well clean. Mix 132 sxs Class B cement and spot a
- balanced plug inside casing to cover 7" casing shoe, 4.5" liner top and the Pictured Cliffs and Fruitland tops. PUH.

- Plug #3 (Kirtland and Ojo Alamo tops, 1736' 1490'): Mix \$6 sxs Class B cement and spot a balanced plug inside the casing to cover Kirtland and Ojo Alamo tops. TOH with tubing.
- 7. Plug #4 (Nacimiento top and Surface plug, 362' Surface): Perforate 3 HSC holes at 362'. Mix and pump approximately 100 sxs cement down the 7" casing until good cement returns out bradenhead. Shut in well and WOC.

8. 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

	77 F Mary 19	CHUMACHER #1A					
API7UWI 300452			d Name Anco niverio	Libe)	ie no. State/Figuliace NEW MEXIC		ongratoryte Edit
Ground E	elization (nj 6,379.00	Original kd/RT Ekuston (f) 6,391.00		10 ktaice (n) 12 00	KB-Casing Flange Distan	œψ le	-Teblig Haiger Distance (f)
	0,313.00			Side Sylvenie II	6,391/.		6,391:00
нкв		V/e	II Config: -	Original H	lole, 2/8/2009 12:02:40 PM	,	
(MD)	-		Schema	tic - Actual			Frm Final
0		· · · · · · · · · · · · · · · · · · ·			Surface, 9.5/8in, 36.00lbs/ft, J	-55_12_ftKB.	'
6			***************************************		{ 225 ftKB	,	-
12	<u>uaaaaaaa</u>		ين ينتي	22441545	Surface Casing Cement, 12-2		
28		Polished Rod, 22.0ft			/ Squeezed Clifthouse perfs wi cf) 50/50 Poz.	III 190 SX (20U	
40		Sucker Rod, 12.0ft	1 114		Cement Squeeze, 1,300-1,700		
56		Sucker Rod, 16.0ft			Squeezed with 150 sx (177 c	7 (
224					of cement @ 1300' per CBL or SQUEEZE HOLE, 1,700, 1/1/19		
225				* 4	Intermediate Casing Cement, 1	,700-3,311,	'
228		Lun			12/26/1985, Cemented with 21		
1,540	S	ucker Rod, 4,450.0ft <			65/35 Class B Pozmix follower (118 cf) Class B cement. CBL		Ojo Alamo, 1,540
1,700		'O'' 1, 7.1 CIDOTI, 0-00,		7	shows 100% bond from 3160	'-5180', free	
3,133 3,137	L	12 ftKB, 5,598 ftKB			∫ pipe from 3125'-3160', 100% t ∫ 1600'-3125', 30%-90% bond f		
3,13. 3,227					and poor bond from 1300' to s		
3,309	,		au IIII		TOC prior to squeeze at 1700'	was 1710'	
3,311					according to CBL on 12/30/19 Intermediate, 7in, 20.00lbs/it, I		
3,958		ing order more interestables a casa casa sidd decentric for the decentric project of the decentric section decentric casa.	-И Ш	Ü		(~33, 12 IINO,	Chaora, 3,958
4,455			11 11 11 11 11 11 11 11 11 11 11 11 11	1	•	,	
4,467	£ 1	**	иш		ı		
4,474	are not a second	: Fracture, 3/7/1996, : 125,000# 20/40 AZ	-и Ш	И		***************************************	Mesaverde, 4,474
4,506		60# 20/40 Super DC \	ИН		CLIFFHOUSEMENEFEE, 4,536	5 155 3/6/1996	
4,536	sand and 1	I ,756 bbls 30# x-link \		Mi j	Cement Plug, 4,147-5,156, 9/8		
4,562	wanaanaanaa _{aa,} ,,,,,,,,,,,,,,,,,,,,,,,,,	Rod Guide, 950.0ft			Cement Squeeze, 4,535-5,158		Menetee, 4,562
5,155 5,224	Hydraulic Fr	racture, 12/30/1985,	'И∥!!	T	—Squeezed over Cliffhouse per 50/50.Poz	TS WITH 196 SXS	Daint Lantaut E 224
5,232		n 92,000# 20/40 AZ	.4111	И.	MASSIVE POINT LOOKOUT, 5	737 € 384 T	Point Lookout, 5,224
5,361		250 bbls Slickwater. \ racture, 12/30/1985,	4 11/	M.	12/30/1985	,	
5,402	Frac'd wit	h 52,000# 20/40 AZ 🔪	. H III	4.			-
5,456	•	298 bbls Slickwater.	出出	比	LOWER POINT LOOKOUT, 5,4	02-5,606,	
5,581	Sinker E	dar, no neck, 125.0ft ————————————————————————————————————		4	12/30/1985		-
5,589	S	Shear Coupling, 0.6ft		拉			
5,589	"E"Drafile h	Rod Guide, 8.0ft lipple, 2 3/8in, 5,598	44	A.			
5,597		#KB, 5,599 #KB∫\	性肠	掛			
5,598 5,599	Rod Inse	rt Pump (# BR1359), \		H	,		
5,606		13.0ft \ Strainer Nipple, 1.0ft \	掛肌	妆!			
5,610		r, 2 3/8in, 4.70lbs/ft,		И			
5,611	J-55, 5,	599 flKB, 5,630 flKB	14 TILL	Ø			
5,630	1	2" SMEDGE, 2 3/8in, 330 ffKB, 5,631 ffKB	ИШ				
5,631		Collar, 2 3/8in, 5,631	加到	И	Liner Cement, 3,160-5,710, 12		
5,632	L	fike, 5,632 fike	N	И	Cemented w 50 sx (63 cf) 50 Pozmix followed by 281 sxs (The second secon
5,694		PBTD, 5,694	Marrie 1		∫ Class B Pozmix cement. CBL	on 3 <i>171</i> 1 996	
5,702					shows 100% bond from 3160	'-5180' and free	Tagasan Tagasa
5,703					∫ pipe from 3125'-3160'. PBTD, 5,694-5,710, 12 <i>/29/</i> 198	5	***************************************
5,709					Liner, 4 1/2in, 10.50lbs/ft, K-5		
5,710			~ ****		-5,716 HIND, Liner Harriger has	7°00 ~~~	

Page 1/1

Report Printed: 2/8/2009

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT FARMINGTON DISTRICT OFFICE

1235 LA PLATA HIGHWAY FARMINGTON, NEW MEXICO 87401

Attachment to notice of Intention to Abandon:

Re: Permanent Abandonment

Well: 1A Schumacher

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) 599-8907.
- 3. The following modifications to your plugging program are to be made:
- a) Bring the top of the Mesaverde/Chacra plug to 3642'.
- b) Bring the top of the 7" Casing Shoe/4 1/2" Liner Top/Pictured Cliffs/Fruitland plug to 2511'.
- c) Place the Kirtland/Ojo Alamo plug from 1752' 1504'.

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.