Form 3160-5 (August 1999)

n in a new interval, a Form 3160-4 shall be filed once testing has been have been completed, and the operator has determined that the site is it it it is possible to the state of the stat		
ature potential and none is found. & Abandon the above mentioned RCVD AUG 23 '07 OIL CONS. DIV. DIST. 3 Latory Analyst AUG 2 1 2007		
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have been completed, and the operator has determined that the site is		
ured and true vertical depths of all pertinent markers and zones. Attacl Required subsequent reports shall be filed within 30 days following		
g date of any proposed work and approximate duration thereof		
Water Disposal		
Reclamation Well Integrity Recomplete Other		
Production (Start/Resume) Water shut-Off		
OF ACTION .		
OTICE, REPORT, OR OTHER DATA		
11 County or Parish, State San Juan, NM		
10 Field and Pool, or Exploratory Area Blanco Mesaverde		
30-045-30758		
Mudge B 12B 9 API Well No.		
8 Well Name and No.		
7 If Unit or CA/Agreement, Name and/or No.		
6 If Indian, Allottee of tribe Name		
5 Lease Serial No NMSF 078096.		
FORM APPROVED OMB NO 1004-0135 Expires November/30, 2000		

SJ Basin Well Work Procedure

Well Name: Mudge B12B - MV Date: August 13, 2007

Repair Type: P&A

Objective: P&A for wellbore.

1. Well is an H2S well that has been shut in

2. TOH with completion.

3. Ensure wellbore is clean of obstructions.

4. Pump cement plugs and remove wellhead. ALL DEPTHS IN MD

Location:

T31N-R11W-Sec17

API#: 30-045-30758

County: State:

San Juan New Mexico

Horizon:

MV

H2S:

1 ppm (shut in well!)

Engr: Anne Fickinger Ph (505) 326-9483

Cell: (505) 486-9249

Procedure:

1. Notify BLM and NMOCD 24 hours prior to beginning operations.

Henry Villeneuva @ (505) 334-6178, Ext. 17 or Charlie Perrin (ext 16). BLM Contact (505) 599-8907

- 2. MIRU workover rig. LOTO all necessary equipment including but not limited to: meter run, automation, separator, and water line.
- 3. Blow down casing to pit or flowback tank. Pump tubing capacity plus 5 barrels of 2% KCL water to displace any potential condensate in tubing string.
- 4. Rig up water pump. Remove horsehead and test tubing.
- 5. Blow down well.
- 6. Rig down polish rod and trip out of hole
- 7. RU WL unit. Pressure test lubricator and equipment with shut-in wellhead gas pressure. TIH and set two barriers (profile plugs, CIBPs or G-packoffs) for isolation of tubing string and to comply with DWOP double barriers.
- 12. Check all casing strings to ensure no pressure exist on any annulus. The operations of removal of wellhead and installation of BOP's will be performed under a dispensation for one (1) barrier on the backside
- 13. Nipple down Wellhead. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 200 psi above BHP

Mudge B #12B T31N, R11W, Sec 17 API # 30-045-30758

GL 6317				API	# 30-045-30758	
GE 4717			1 1			
HISTORY.						TOC à surface (circ)
	ompleted MV	CB4111				
cut	off casing 'a	6218'	-	1		1 1
			1 1	.		CASING: 9-5/8" 32,3# H-40 (d) 232'
		•				218 sys cmt 13-1/2" hole
				Ì		13-172 1600
		1	-			
Angle ()	TVD 0	MD .	١.			TOC 3 autou (auto
9	201	201 KOP (begin 3.0 degrees per 100' build)	- 1	- 1		TOC à surface (circ)
26 29	1046	1077 EOB (begin 26 29 degrees tangent section)	1.	- 1		
26 29	1439	1515				
26 29	1597	1691	i			
26 29	2266	2437				1
26 29 26 29	2536 2914	2738 3160	1]		
26 29	3177	3453				1
26 29	3281	3569 Begin Natural Drop				
0	3915	4226 Begin Vertical	1	- 1		
0	4476.	4787		1		
0	1735	5046				
0	5145 5532	5456 5843				
U	5512	3841		1		
			1	.	111	
				1		CASING: 7" 20# J-55 @ 3569'
			•	- 1		434 sys cmt
				l		8-3/4" hole
				- 1		
				- [TOC @ 3473'
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MECANER	DC.	*		- [
MESAVERI Cliffbouse &	<u>DE</u> & Menefee 48	09' - 5291'		- 1		
(102 148 lbs		07 - 3291		- 1		
	ut 5357' - 57'	70'				
(113 953 lbs	sand)			- [
				- 1		
				гh	📶	TUBING: 2-3/8" 4.7# J-55 @ 5735"
				- 111		
					- 1 / .	
				Ψ	ф	CASING: 4-1/2" 11.6# J-55 'a, 6050'
						166 sxs cmt
					PBTD 6050' MD	6-1/4" hole
					TD 7806' MD	
FORMATIO	ON TOPS.				TD 6731'TVD	

FORMATION TOPS. Op Alamo α 1308' Frutland \hat{a} 244' Top of Pictured Chiffs \hat{a} 3178' Top of Monouse \hat{a} 4689' Nop of Chiffouse \hat{a} 5046' Top of Point Lookout a 5474'

Updated 8/13/2007 AF

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: 12B Mudge 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) 599-8907.
- 3. The following modifications to your plugging program are to be made:
- a) Place a cement plug from 3985' 3885' to cover the Chacra top.
- b) Place a cement plug from 3619' 3519' to cover the 7" casing shoe.
- c) Place the Pictured Cliffs/Fruitland plug from 3228' 2397' inside and outside the 4 1/2" casing.
- d) Place the Kirtland plug from 1330' 1230' inside and outside the 4 ½" 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.