Form 3160-5 (August 1999)

# **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No 1004-0135 Expires Jnovember 30, 2000

NMNM 01805

# SUNDRY NOTICES AND REPORTS ON WELLS

abandoned well.	Use Form 3160-3 (APD)	) for such	n proposals.m	or La ingto	nd Manage n Field Offi	ment ce	mones of this name	
	ICATE – Other instr			fair.	25,75		A/Agreement, Name and/or No	
Oil Well Gas Well Other						8. Well Name and No.		
2 Name of Operator						Humble Federal A #1		
NM&O Operating Company						9. API Well No.		
Ja: Addiess Ore Walen Engineering			b. Phone No (include area code)			30-039-06270		
7415 E. Main, Farmington, NM, 87402			505-327-4892			10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)						Undesign. F	Pictured Cliffs	
790' FSL and 790' FWL, Sec. 2				11. County or I	Parish, State			
						Rio Arriba Co., NM		
12. CHECK AP	PROPRIATE BOX(ES) TO I	INDICATE	E NATURE OF	NOT	ICE, REPO	RT, OR OTHE	ER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION							
Notice of Intent  Subsequent Report  Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Fracture Treat  New Construction  Plug and Abandon  Reclamatic  Recomplet			Production ( Reclamation Recomplete Temporarily Water Dispo	Abandon	Water Shut-Off Well Integrity Other .	
13 Describe Proposed or Completed Oper If the proposal is to deepen directions Attach the Bond under which the wor Following completion of the involved Testing has been completed Final A determined that the site is ready for final NM&O Operating proposes								
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	Section 4.	గాలకు ఆ కాటల	র নির্মন্ত পারীক <b>ও</b> নির্মন	8. 15 €4	Cat. (% 2_Aggs			
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							DIST. 3	
							day da care e a man	
14 I hereby certify that the foregoing is	rue and correct	<u> </u>						
Name (Printed/Typed)		Title	;				•	
Paul C. Thompson, P.E.			Agent					
Signature Paul C. Thomps Da			July 8, 2008					
	THIS SPACE	FOR FE	DERAL OR STA	ŢÊ Ù	SE 🔭			
Approved by Original Signed	: Stephen Mason		Title			Date	JUL 1 8 2009	

Title 18 U.S.C. Section 1001, 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 jurisdiction.

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 entitle the applicant to conduct operations thereon

Office ...

### Walsh Engineering and Production

# Plug and Abandon Procedure for NM&O Operating Company Humble Federal A #1

Location: SW/4 Sec 29 T26N R2W Date: July 3, 2008

Rio Arriba County, NM

API: 30-039-06270

Field: Undesign. Pictured Cliffs

Surface: BLM

Minerals: Federal NMNM 01805

KB 10' 4-1/2", 9.5# at 4108' KB

Elev: GL 7595'

PBTD at 4075' KB 1-1/4" Tubing at 3990' KB

Perfs: 3978-97', 4017-30', 4055-60'KB

Objective: P&A Well

#### Procedure:

- 1. Move on location and rig up a service unit. Spot a tubing trailer. Blow the well down if necessary. Explain the procedure to the crew.
- 2. Nipple down the wellhead and nipple up the BOP. TOH with 3990' of 1-1/4" tubing.
- 3. Pick up a 4-1/2" cement retainer on a 2-3/8" work string and set it at 3880' 3500' KB (100' above the top of the Ojo Alamo formation). Sting out of the retainer and load the casing. Pressure test the casing to 500 psi.
  - 4. Sting back into the retainer and pump Plug #1, 50 sx (59 cu.ft.) of Type  $\mathcal{S}'$  neat cement below the retainer. Sting out of the retainer and spot  $\beta$  sx (5.9 cu.ft.) of top of the retainer. TOH and remove the stinger. Plop 3880'-3888'
  - 5. Nipple down the BOP and the tubinghead. If the 4-1/2" casing still has threads showing, screw on a landing joint and pull the casing slips. If the 4-1/2" casing is cutoff, pick up a 4-1/2" spear and stretch the casing and pull the casing slips. Rig up Wireline Specialties. Run a free point and cutoff the 4-1/2" casing above the free point. Rig up and casing crew and lay down the 4-1/2" casing.
- 6. TIH to approximately 3050' (50' below the casing stub). Plug #2. Spot a balanced plug from 50'below to 50' above the casing stub with 100% excess with 36 sx (43 cu.ft.). POH to 178'.

# plus 43 2297'- 2197' TO COVER Nacimiento top

- 7. Plug #%. Surface plug. Fill the casing from 178' (50' below the surface pipe shoe) to surface with Type 5 neat cement (approximately 55 sx 65 cu.ft.). TOH and lay down the tubing. Fill the casing with cement as necessary.
- 8. Cut off the casing and install the P&A marker.

Paul C. Thompson, P.E.

PICTURED CLIFFS 3978 TRUITLEND NACIMICATO 人アナドマモゼ・ OJO HIAND 3885 3600 3830 100 Kg 1/W 20 52 KS Hum BLE いているので TZ51/ ひないい XUX 1000 BOOK 100 21.00 A TOTAL TOTA · CI 4/2 9.5 = 34/08 7810 CALC. TOC - 3473. 4 Tubing = 3990. W/12000 CRC @ 4075

PCT 7/0/00

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Fruix #3 179 - SarFree 5558 (65 244) 9 X N BELOW RETAINER & 9 JSK (6 out) ON TOP CASING OUT V ABOUT A BELLE (F. HANDO DECENTANO 54700 17.76 0000 Curces 2 3000 , 12° CEMENT KETALLER @ 3505 4000 ".... (V) 37.04 150, 70, F-50 00 % جا زہر ار (t) PERFS 4070 @ 4/33 W Γ΄i ω

7/2/52

# 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: 1 Humble Federal A

# **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 the Pictured Cliffs/Fruitland/Kirtland/Ojo Alamo BP @ ~3880' (BP's are to be place within 100' of the top perf). Place cement from 3880' 3588'.
- b) Place the Nacimiento plug from 2297' 2197'.

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.