Form 3160-5, (September 2001)

# UNITED STATES N.M. DIV-Dist. 2 DEPARTMENT OF THE INTERIOR 301 W. Grand Avenue

FORM APPROVED OMB No. 1004-0135 Expires: January 31, 2004

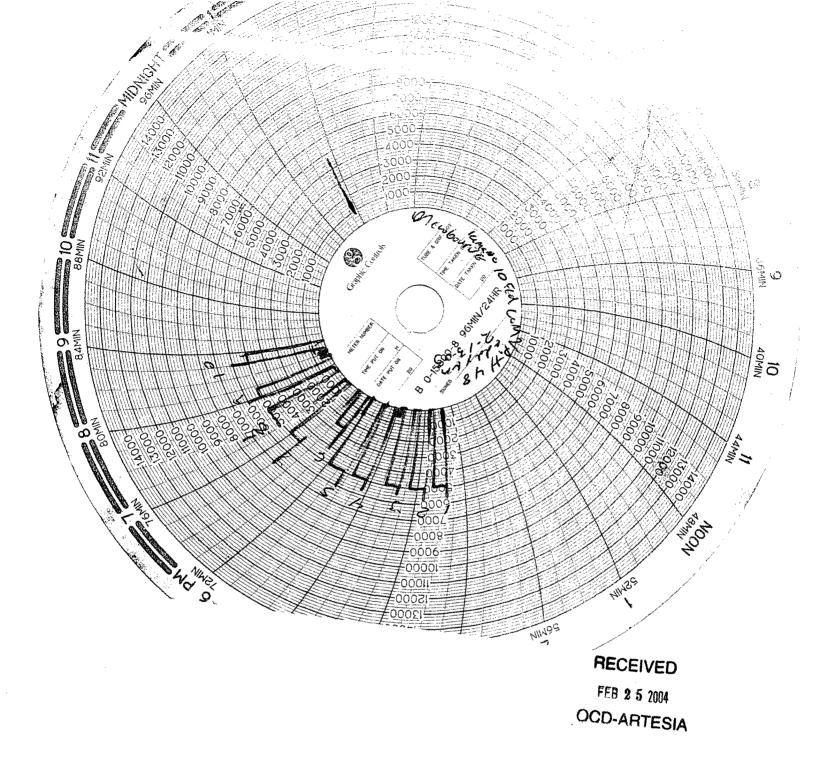
Date

SUNDRY NOTICES AND REPORTS ON WENTESIA, NM 88210 NM-89881 Do not use this form for proposals to drill or to re-enter an 6. If Indian, Allottee or Tribe Name abandoned well. Use Form 3160-3 (APD) for such proposals. 7. If Unit or CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE - Other instructions on reverse side 1. Type of Well 32676 RECEIVED Oil Well Gas Well Other 8. Well Name and No. 2. Name of Operator FFR 2 5 2004 Tamano 10 Fed Com #2 Mewbourne Oil Company 14744 9. API Well No. 3b. Phone No. (included a PARTESIA 3a. Address 30-015-32981 10. Field and Pool, or Exploratory Area 505-393-5905 PO Box 5270 Hobbs, NM 88240 Undes. Shugart Morrow North 4. Location of Well (Footage, Sec., T, R., M., or Survey Description) 11. County or Parish, State 990' FNL & 990' FWL, Sec 10-T18S-R31E Eddy County, NM 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Deepen Water Shut-Off Acidize Production (Start/Resume) Notice of Intent Alter Casing Fracture Treat Well Integrity Reclamation Casing Repair New Construction Recomplete Other Spud, Csg Jobs & Subsequent Report BOPE Test Change Plans Plug and Abandon Temporarily Abandon Final Abandonment Notice Convert to Injection Plug Back Water Disposal Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.) 02/03/04...MI & spud 17 1/2" hole. TD'd hole @ 771'. Ran 771' 13 3/8" 48# H40 ST&C csg. Cemented w/ 450 sks 35:65:6 "C" w/2% CaCl2 w/ additives. Mixed @ 12.5 #/g w/ 1.98 yd. Tailed w/ 200 sk Class "C" w/ 2% CaCl2. Mixed @ 14.8 #/g w/ 1.34 yd. Circ 156 sks to pit. WOC 18 hrs. Tested BOPE to 1000#. Drill out w/ 12 1/4" bit. 02/13/04...TD'ed 12 1/4" hole @ 4505'. Ran 4505' 9 5/8" 40# HCK55 LT&C Csg. Cemented w/ 1475 sks 35:65:6 "C" w/ additives. Mixed @ 12.5 #/g w/ 1.96 yd. Tailed w/ 200 sks Class "C" w/ 2% CaCl2. Mixed @ 14.8 #/g w/ 1.34 yd. Circ 200 sks to pit. WOC 18 hrs. \*Test BOPE as required. All equipment passed. Charts and schematic attached. Drill out w/8 3/4" bit. ACCEPTED FOR RECORD FEB 2 3 2004 14. I hereby certify that the foregoing is true and correct ALEXIS C. SWOBODA PETROLEUM ENGINEER Name (PrintedlTyped) Title NM Young Hobbs District Manager Signature 02/16/04 THIS SPACE FOR FEDERAL OR STATE OFFICE USE. Approved by (Signature) Title (Printed/Typed)

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 jurisdiction.

Office

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.



## Accumulator Function Test - OO&GO#2

#### To Check - USABLE FLUID IN THE NITROGEN BOTTLES (III.A.2.c.i.or ii or iii)

- Make sure all rams and annular are open and if applicable HCR is closed.
- Ensure accumulator is pumped up to working pressure! (Shut off all pumps)
  - 1. Open HCR Valve. (If applicable)
  - 2. Close annular.
  - 3. Close all pipe rams.
  - 4. Open one set of the pipe rams to simulate closing the blind ram.
  - 5. For 3 ram stacks, open the annular to achieve the 50±% safety factor (5M and greater systems).
  - 6. Record remaining pressure 1700 psi. Test Fails if pressure is lower that required.
  - a. {950 psi for a 1500 psi system } b. { 1200 psi for a 2000 & 3000 psi system }
  - 7. If annular is closed, open it at this time and close HCR.

#### To Check - PRECHARGE ON BOTTLES OR SPHERICAL (III.A.2.d.)

- Start with manifold pressure at, or above, maximum acceptable pre-charge pressure:
  - a. {800 psi for a 1500 psi system } b.{1100 psi for 2000 and 3000 psi system}
  - 1. Open bleed line to the tank, slowly. (gauge needle will drop at the lowest bottle pressure)
  - 2. Close bleed line. Barely bump electric pump and see what pressure the needle jumps up to
  - 3. Record pressure drop 980 psi. Test fails if pressure drops below minimum.
- Minimum: a. {700 psi for a 1500 psi system } b. {900 psi for a 2000 & 3000 psi system}

### To check - THE CAPACITY OF THE ACCUMULATOR PUMPS (III.A.2.f.)

- Isolate the accumulator bottles or spherical from the pumps & manifold.
- Open the bleed off valve to the tank, {manifold psi should go to O psi} close bleed valve.
  - 1. Open the HCR valve, {if applicable}
  - 2. Close annular.
  - 3. With pumps only, time how long it takes to regain the required manifold pressure.
  - 4. Record elapsed time / MIN . Test fails if it takes over 2 minutes.
- a. {950 psi for a 1500 psi system} b. {1200 psi for a 2000 & 3000 psi system}

Accumulator working pressure rating	Minimum acceptable operating pressure	Desired precharge pressure	Maximum acceptable precharge pressure	Minimum acceptable precharge pressure
1,500 psi	1,500 psi	750 psi	800 psi	700 psi
2,000 psi	2,000 psi	1,000 psi	1,100 psi	900 psi
3,000 psi	3,000 psi	1,000 psi	1,100 psi	900 psi

# MAN WELDING SERVICE

(505) 306-4540

INVOICE N	0	1	e.	377	37	Ť
	_					

Company	urang.		_ Date	<u> 7 k - g - 3</u>	Start Time	
Lease Tomaco to trata					County	State
Company Man		<del></del>			-	-*-
Wellhead Vender			Tester <u>i</u>	pleg		
Drlg. Contractor					Rig # <u></u>	
Tool Pusher					<del></del>	
Plug Type <u> </u>		PI	ug Size	· · · · · · · · · · · · · · · · · · ·	Drill Pipe Size	141
Casing Valve Opened 200				Check Valve Ope	n	
ANNULAR 15  RAMS 12  RAMS 13  RAMS 14	26 2 4 3 1	Rotating He	ad	24 22 22 21	23	110
↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑	TEST LÉNGTH	LOW PSI	HIGH PSI		REMARKS	
2 18		<u> </u>	5000		-	
	; U	-	5000			
7 /2	7.57		5000	\		
V 17		<u> </u>	5000	The state of the s	· · · · · · · · · · · · · · · · · · ·	
3 13.10.8	10		5400			
6 15.107	/0	<u> </u>	5000			
2 13.10.7	10		5000			
8 12.7.26.75.4	1:4		5000			
" 12,11,7,1,5	10		5000			
10 12.11.4.3.5	10		5000			
	·		20			
\$ 100 mlld			13.11			
		C/V.R	DF			
		TX		-		
* 7		<del>/                                    </del>				
3_hr@\$900 hr@		<u> </u>			SUB TOTAL /	235