

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED  
OMB NO. 1004-0137  
Expires March 31, 2007

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

PARALLEL PETROLEUM CORPORATION

## 3a. Address

1104 N. BIG SPRING, SUITE 400, MIDLAND TX 79701

## 3b. Phone No. (include area code)

432-685-6563

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SURFACE: 660 ENL &amp; 660 FEL, SEC 33, T18S, R21E

BHL: 660 ENL &amp; 660 FWL, SEC 33, T18S, R21E

## 5. Lease Serial No.

NM NM 108920

## 6. If Indian, Allottee or Tribe Name

## 7. If Unit or CA/Agreement, Name and/or No.

## 8. Well Name and No.

HANNAH 33 FEDERAL

#4

## 9. API Well No.

30-015-35087

## 10. Field and Pool, or Exploratory Area

WILDCAT, WOLFCAMP 96086

## 11. County or Parish, State

EDDY COUNTY

NM

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☐ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

## TYPE OF ACTION

- |   |   |  |  |
|---|---|--|--|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                    |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                    |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <u>SPUD INFO</u> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <u>SURE CASING</u>   |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |  |

13. 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 recompleat 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 recompleat 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 final site is ready for final inspection.)

10-20-2006

MIRU DRILLING RIG, SPOT AT 1:30 PM

10-22-06

RUN 8.625 SURFACE CASING, 11" HOLE, 24#, SET @ 1520.

CMT W/LEAD 1: 180 SX H + 12% A-10 +10#/SX LQM-1 + 1/8#/SX CF + 1% CACL2, 14.6 PPG, 1.52 YIELD

LEAD 2: 300 SX 50/5010 POZ C + 1/8#/SX CF + 5#/SX LQM-1 + 2% CACL2, 11.7 PPG, 2.4 YIELD

TAIL: 200 SX C + 2% CACL2 + 1/8#/SX CF, 14.8 PPG, 1.32 YIELD; 5 CENTRALIZERS.

TOC: 850' BY TEMP SURVEY, TOP OUT TO SURFACE BY 1"

WOC: 21 HOURS

TEST CASING @ 600 PSI FOR 30 MINUTES

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

KAYE MC CORMICK

## Title

SR PROD &amp; REG TECHNICIAN

Date 11-28-2006

ACCEPTED FOR RECORD

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

## Approved by

## Title

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

DEC 12 2006

WESLEY W. INGRAM

PETROLEUM ENGINEER

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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.

**Keltic Services, Inc**

Box 1857  
Artesia, NM  
88211

**505 748 3759**

**Temperature Survey**

Company	PARALLEL PETROLEUM CORP.	Date	10-22-2006
Well	HANNAH 33 FEDERAL #4	Time Plug Down	1800 hrs
		Time Start Survey	1000 hrs
		Time End Survey	1130 hrs
Casing String	Intermediate	Depth Reached	1451 ft
Cement Top	850 ft.		
Gauge	205		
Operator:	Julian	Witness:	DANNY GREEN

Keltic Services Inc  
Temperature Survey

Company PARALLEL PETROLEUM CORP.  
Well HANNAH 33 FEDERAL #4

Date 10-22-2006  
Plug Down 1800 hrs  
Survey Start 1000 hrs  
Operator Julian

Cement Top 850 ft

Depth ft	Temp. °F	Comments
20	62.7	
100	63.4	
200	63.8	
300	64.0	
400	64.1	
500	64.2	
600	64.4	
700	64.5	
800	64.6	
850	64.7	CT
900	69.4	
1000	74.0	
1200	77.9	
1400	83.4	
1451	85.0	

