

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS
HOBBS OCD

OCT 31 2011

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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.

5. Lease Serial No.
NM-2512

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other Injection

2. Name of Operator
Apache Corporation

3a. Address
303 Veterans Airpark Lane, Suite 3000
Midland, TX 79705

3b. Phone No. (include area code)
432/818-1062

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

660' FNL & 660' FWL UL D Sec 3 T21S R37E

7. If Unit of CA/Agreement, Name and/or No.
Northeast Drinkard Unit (NEDU)

8. Well Name and No.
Northeast Drinkard Unit (NEDU) #103

9. API Well No.
30-025-09897

10. Field and Pool or Exploratory Area
Eunice; B-T-D, North

11. Country or Parish, State
Lea County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Check for Tbg Leak
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

This well has communication between the tubing and casing. Apache performed the following to RTI:

09/29/2011 MIRUSU POOH w/inj tbg & pkr.
09/30/2011 RIH w/bit & scraper; CO to PBTD @ 5984'.
10/03/2011 Acidize Drinkard w/10,000 gal HCL & 4000# Rock Salt.
10/04/2011 Set 5-1/2" Lock-Set Inj Pkr.
10/05/2011 RIH w/inj sting & circ pkr fluid.
10/06/2011 Notify State of MIT.
10/07/2011 Run State approved MIT (see attached).

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**



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

Reesa Holland

Title Sr. Staff Engr Tech

Signature

Reesa Holland

Date 10/24/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

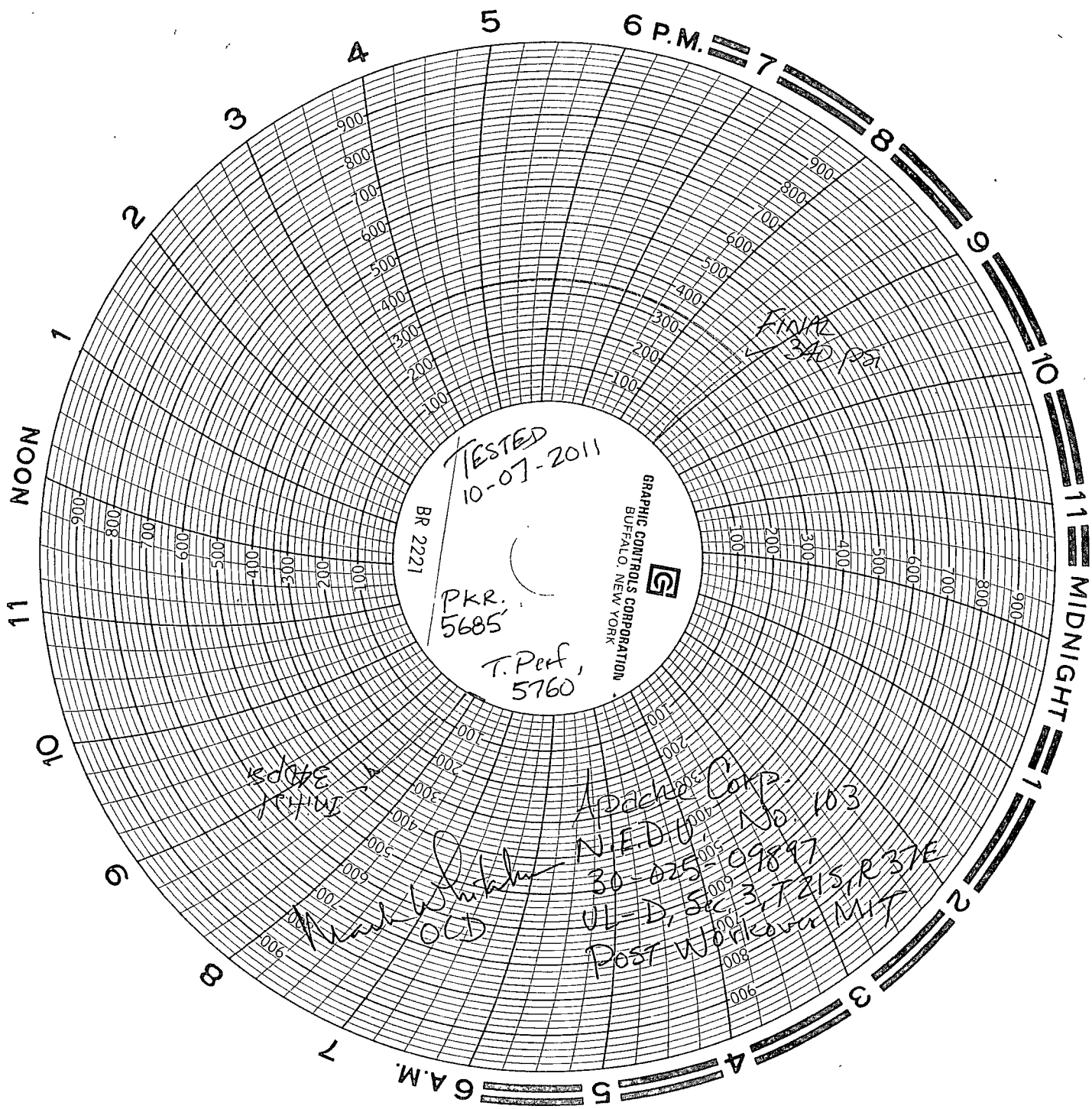
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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

(Instructions on page 2)

NOV 01 2011



TESTED
10-07-2011

BR 2221

PKR.
5685

T. Perf,
5760

GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK



FINAL
340 PSI

EDGE
REVIEW

Adcock Corp.
N.E.D. No 103

30-025-09897

UL-D, Sec 3, T215, R37E

Post Workover M/T

Mark Winkler
OCD

Conditions of Approval
Northeast Drinkard Unit (NEDU) #103
30-025-09897
Apache
September 29, 2011

1. Surface disturbance beyond the originally approved pad must have prior approval.
2. Closed loop system required.
3. Per Administrative Order WFX-774 maximum tubing wellhead injection pressure allowed by NMOCD is 1375 psi.
4. Operator shall perform a pressure test against the 5-1/2" production casing. Set a RPB or packer at approximately 5525' +/- (note: depth shall be above where the injection packer is normally set at) the casing shall be tested to 1100 psi for 30 minutes. Pressure test to be performed by an independent tester and charted. Contact BLM (Paul Swartz – 575-200-7902) a minimum of 24 hours prior for witness of test.
5. Conduct a Mechanical Integrity Test of at least 500psig for 30 minutes on the injection tbg/csg annulus of the well. The test pressure should have at least 200psig differential with tubing pressure but no more than casing test pressure as described by Onshore Order 2.III.B.1.h. (The tubing pressure may need to be reduced). Document the MIT test on a calibrated recording chart registering 25 to 85 per cent of its full range. Notify Paul R. Swartz at 575.200.7902 at least 24 hours before the test. If there is no response, notify the BLM on call drilling phone, 575.361.2822. Submit the recorded MIT chart with a subsequent Sundry Form 3160-005 relating the MIT activity. Include the original and three copies of the recorded chart and Sundry

A wellhead bradenhead test will be conducted during the MIT. Each casing annulus must be open to the atmosphere for observation before and during the test.

Compliance with Order WFX-774 injection pressure is required. Display real time tubing pressure values onsite. A bourdon tube gauge registering 25 to 85 per cent of its full range is acceptable. Within 24 hours, report injection pressure observed above the NMOCD maximum. Should wellhead injection pressure reach 50psig below this maximum, install automation equipment that will prevent exceeding that maximum.

Submit a subsequent report (Sundry Form 3160-5) describing the installed automation equipment. Report any other unexplained significant variations of rate or pressure.

Should the casing/tubing annulus exhibit communication with injection fluid, a tubing or packer failure is probable. Monitor the annulus. The use of automation equipment that will monitor and alarm is encouraged for any well, and is necessary when tubing or casing competence is questionable.

Maintain the annulus full of packer fluid and be able to verify that fluid level to a BLM inspector at any time. Report a significant (5bbl/mth) loss of packer fluid. Should tubing or casing failure be detected, cease injection and reduce the annular pressure to 0psig. Notify Paul R. Swartz at 575.200.7902 within 24 hours. If there is no response, notify the BLM on call drilling phone, 575.361.2822. Also submit to this office on a notice of intent (Sundry Form 3160-5) for approval by BLM and NMOCD a plan of correction and the anticipated date of repair. After the repairs submit a subsequent report (Sundry Form 3160-5) describing the repair(s) and a BLM witnessed Mechanical Integrity Test chart. Include the date(s) of the well work, descriptions of tubing, on/off equipment, profile nipple installation, and packer setting depth.

- 6. Work to be completed in 60 days**
- 7. Subsequent sundry describing work done required**

EGF 092911

Sundry:

Received Via Email to Wesley on September 27, 2011 AM

This well has communication between the tubing and casing.. Apache will find and repair the tubing leak and RTI.