

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO 1004-0137  
Expires March 31, 2007HOBBS OGD  
DEC 20 2011

## SUNDRY NOTICES AND REPORTS ON WELLS

OCD-HOBBS

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 ☐ Other2 Name of Operator  
Occidental Permian Ltd. Attn: Mark Stephens, Rm. 20.0993a. Address  
P.O. Box 4294, Houston, TX 77210-42943b. Phone No (include area code)  
(713) 366-51584 Location of Well (Footage, Sec, T, R, M, or Survey Description)  
990' FSL & 1650' FEL, Letter O, Sec. 30, T-18-S, R-38-E

5 Lease Serial No

LC-032233(A)

6 If Indian, Allottee or Tribe Name

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

8 Well Name and No.

North Hobbs G/SA No. 341  
Unit

9. API Well No

30-025-24665

10 Field and Pool, or Exploratory Area  
Hobbs; Grayburg-San Andres

11. County or Parish, State

Lea Co. 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 Request for |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | Variance/Run liner                                    |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            | & prod. equipt.                                       |

- 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.)

Form 3160-5 is submitted to request a variance to Onshore Order No. 2, Casing and Cementing Requirements, and to account for the running of a 4-1/2" liner and production equipment as documented on the attachment to this Sundry Notice.

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

Mark Stephens

Title

Regulatory Compliance Analyst

Date

12/8/11

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

DEC 21 2011

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

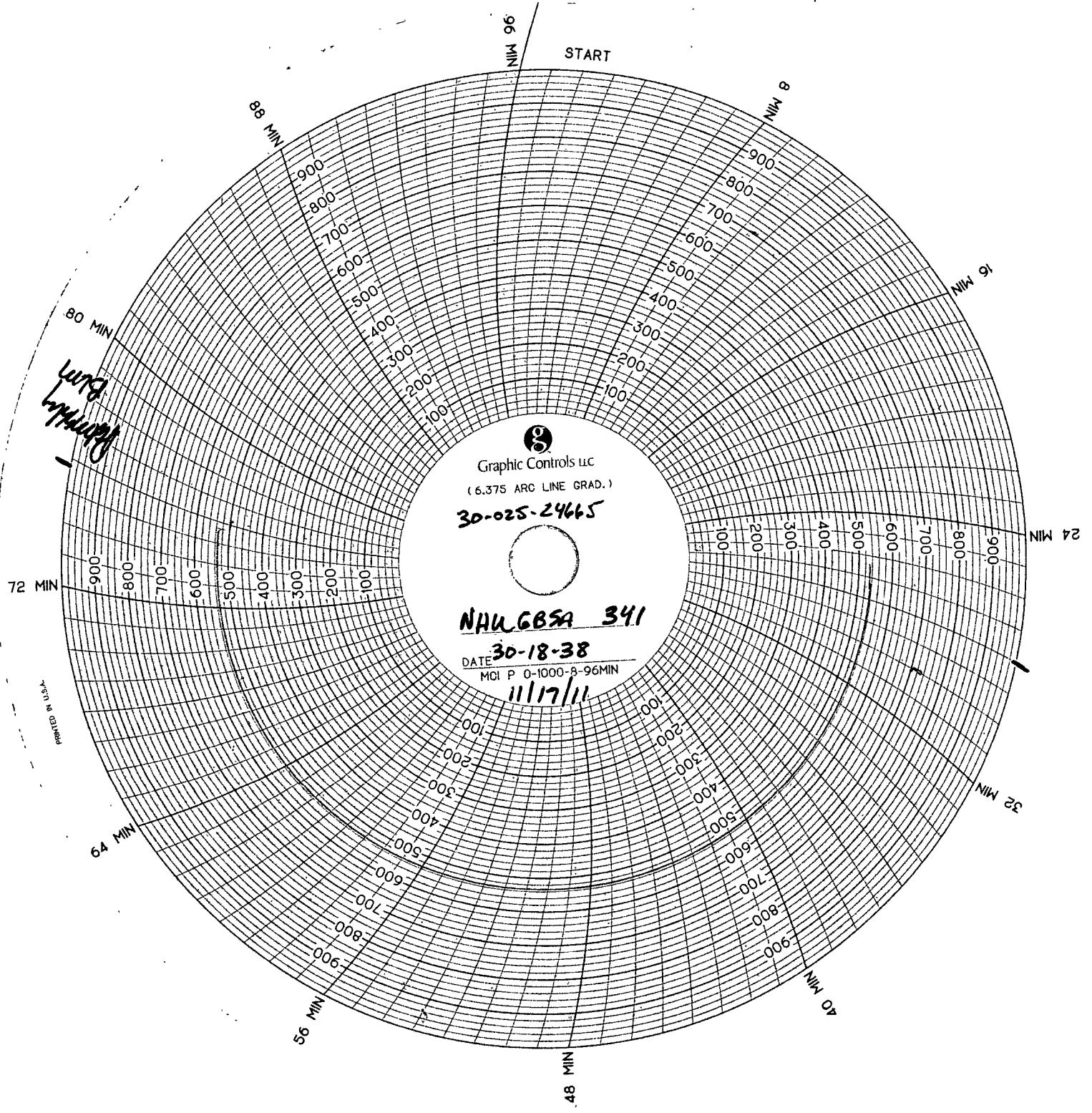
Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

North Hobbs G/SA Unit No. 341  
API No. 30-025-24665  
990' FSL & 1650' FEL, Sec. 30, T-18-S, R-38-E  
Lea Co., NM

Occidental Permian Ltd. respectfully requests a variance to Onshore Order No. 2 (Casing and Cementing Requirements) that would allow us to run and cement a 4-1/2" UFJ liner inside the current 5-1/2" casing, even though this would not meet the minimum clearance of 0.422 inches between strings of casing. The original casing is in good shape and has adequate cement behind pipe. The current production casing is 5-1/2", 17#, with cement from surface to 615', 648' – 1570', and 1950' – 3956' (all cement was verified by a CBL). There is also 9-5/8" surface casing to 1463' with cement circulated to surface. There is cement behind pipe over all major permeable intervals in the wellbore and the fresh water zones (30' – 260' & 850' – 1150') are covered by two strings of pipe with cement behind each string. Presently, the only section of formation that is not protected by cement is the interval from 1570' – 1950' which consists of salt beds with interbedded fine silts. The wellbore has proven to have good integrity by virtue of a pressure test to 800 psi (surface to 3683', 8/9/11), and a successful MIT on the new 5-1/2" casing run on 11/17/11. This second MIT was from surface to 834' and was witnessed by the BLM's Pat McKelvey (copy of chart attached). The decision to run the liner was based on trying to protect the ESP and not necessarily to increase the integrity of the wellbore. While running in with the ESP, a lip was hit at approx. 190', and there was some damage to the equipment. Oxy decided that the best thing for the equipment would be to run a 4-1/2" liner to protect it from the lip at 190'. The well's current production is 70 BOPD x 500 BWPD x 650 MCF/D. To effectively lift that amount of production, a Baker Hughes slim-hole ESP (motor O.D. of 3.75") will need to be run. The smallest casing this equipment will fit in is a 4-1/2" UFJ liner. Below is the proposed procedure (a wellbore diagram is also attached to this filing).

Run 4-1/2" liner and production equipment as follows:

- 1) Set CIBP at 3900' inside 3-1/2" liner; dump bail 20' cement.
- 2) RIH with 4-1/2", 10.5#, UFJ liner from 3715' to surface; drop in 4-1/2" slips.
- 3) RU HES x cement liner in place with 65 sx. light cement (12.8 ppg, 1.937 cu. Ft./sx.) followed by 40 sx. Cl. C (14.8 ppg, 1.35 cu. Ft./sx.).
- 4) PU 3-3/4" bit x drill out cement and float shoe in 4-1/2" liner; LD 3-3/4" bit.
- 5) PU 2-7/8" bit x drill out cement x CIBP in 3-1/2" liner; LD 2-7/8" bit.
- 6) PU slimhole ESP x RIH on 2-3/8" production tubing.
- 7) ND BOP x NU WH. Turn well over to production.
- 8) RD x MO x clean location.



96 MIN

START

8 MIN

88 MIN

16 MIN

80 MIN

*Handwritten scribble*

24 MIN

72 MIN

PRINTED IN U.S.A.

64 MIN

32 MIN

56 MIN

48 MIN

40 MIN



OXY Permian LTD.

# NHSAU 341-30

API # 3002524665  
Lea County, Drilled 1982  
Sec 30, 18S 38E

OGRID # 157984

## ECONOMICS

Produces 70 BOPD

## HISTORY

Drilling Pumped 300 sxs cmt down Braden Head  
- on original CBL cmt from 0-615 & 648-1570)

## WATERBOARD DEPTHS

30' - 260'

850 - 1150'

## FORMATION TOPS

Yates - 2,634'

Seven Rivers - 2,869'

Bowers - 3,108'

Queen - 3,390'

Byers - 3,561'

Grayburg - 3,715'

Top of NH Unit - 3,743'

Basal Grbg - 3,897'

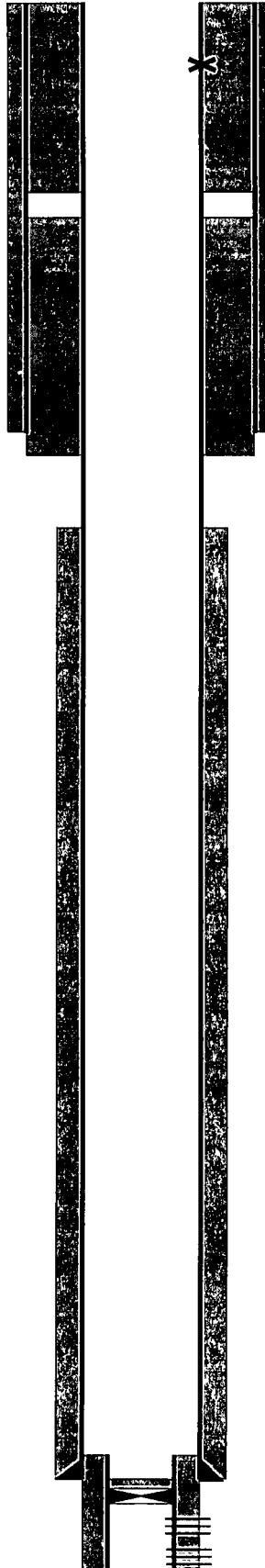
San Andres - 4,026'

\* Next Permeable Zones above Top of Unit

3,560' - 3,593' - Byers

3,170' - 3,220' - Bowers

CBP @ 3,900' w/ 20' of cmt



Bottom of new 5 1/2" Casing is @ 194'

## SURFACE CASING

9 625" J-55 36#@ 1463' w/ 500 sxs

TOC Surface

## PRODUCTION CASING

5 5" 17# @ 3956' w/625 sxs

5 5" TOC 1,950' (CBL)

## PRODUCTION Liner

3.5" 7.7# @ 3715' - 4350' w/125 sxs

PERFS - 4013' - 4276'

OH -

PBTD =

TD = 4352

Engr initials & date