

Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: January 31, 2018**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 22634 ✓

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other **Water Injection**2. Name of Operator **Stephens & Johnson Operating Co. ✓**3a. Address **P O Box 2249, Wichita Falls, TX 76307 ✓**3b. Phone No. (include area code)
(940) 723-2166 ✓

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

Unit N - 990' FSL, 2310' FWL, Sec. 22, T26S, R29E ✓

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

8. Well Name and No. **Mobil "22" Federal No. 5 ✓**9. API Well No. **30-015-25321**10. Field and Pool or Exploratory Area
Brushy Draw (Delaware)11. Country or Parish, State
Eddy 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"/> Hydraulic Fracturing	<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 Mechanical Integrity Test
	<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 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 must 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 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.)

On November 20, 2015, the Mobil "22" Federal well No. 5 failed a mechanical integrity test and was shut-in until repairs could be made to the casing (see attached copy of failure notice). Attached is a detail of the casing repairs and subsequent mechanical integrity test.

NM OIL CONSERVATION
ARTESIA DISTRICT**Accepted for record****NMOCD RT****9/23/16****SEP 23 2016****RECEIVED**

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

William M. KincaidTitle **Petroleum Engineer**

Signature

Will M. Kincaid

Date

07/13/2016**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

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.

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)

ACCEPTED FOR RECORD**AUG 26 2016****BUREAU OF LAND MANAGEMENT**
CARLSBAD FIELD OFFICE**11625 Ave**

Stephens & Johnson Operating Co.
Mobil "22" Federal Well No. 5
API No.: 30-015-25321
Eddy County, New Mexico

Casing Repair Procedure

02-22-16 TOOH w/cmt lined tbg and pkr. Shut down.

02-23-16 TIH w/RBP, pkr and workstring tbg. Set RBP @ 4796'.
Set pkr at 4768' and test RBP to 2500 psig. Holding
OK. Shut down.

02-24-16 Locate csg leak w/pkr between 1935' to 1951'. Try
to establish injection rate into csg leak. Could
only get 0.90 barrels per minute at 2600 psig. TOOH
w/tbg and pkr. Perforate two squeeze holes at 1966'.

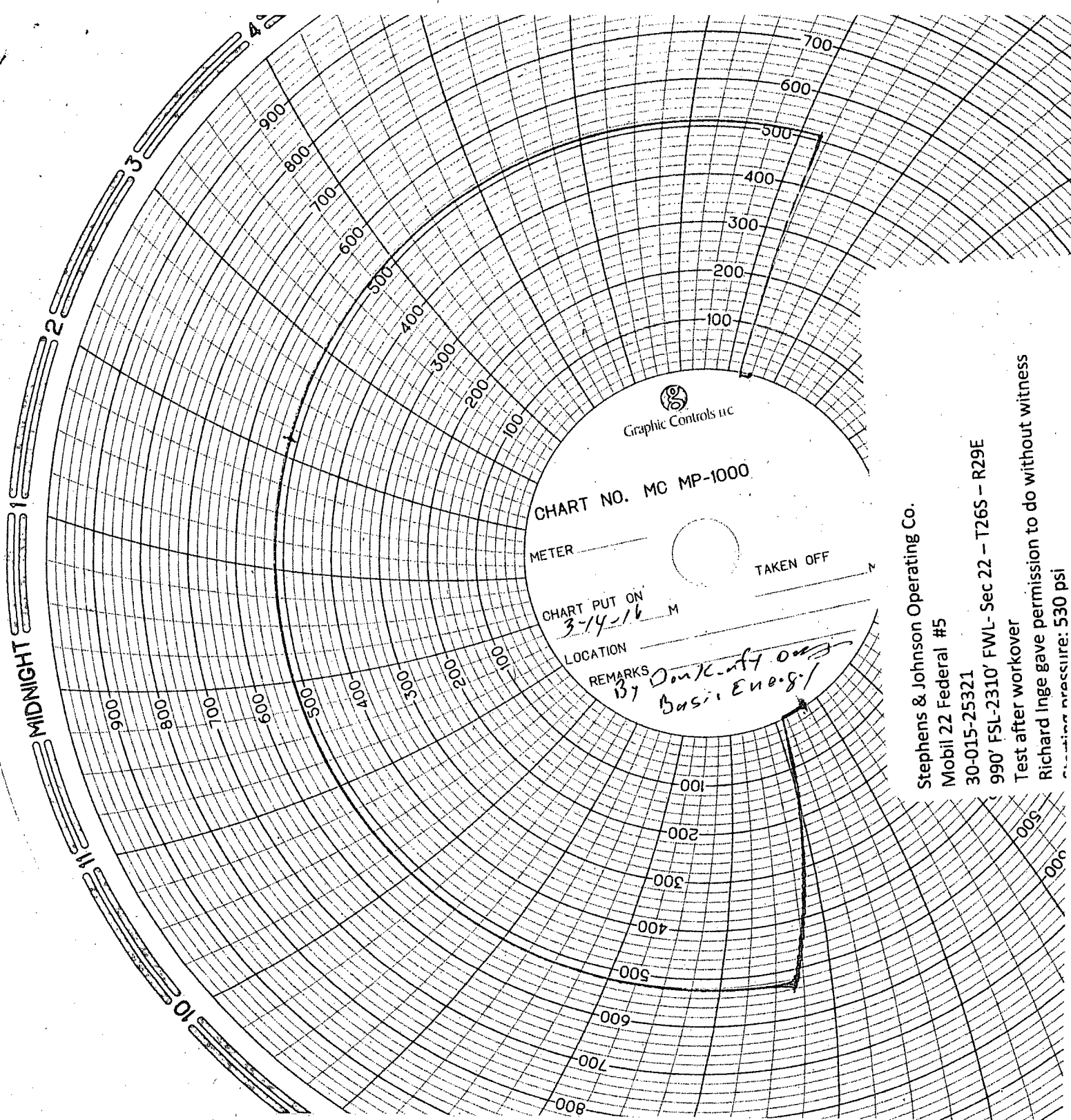
02-25-16 TIH w/tbg and pkr. Set pkr at 1724'. Cmt squeeze
csg leak w/300 sacks Class "H" w/2% calcium chloride
and 3 lbs per sack Kol-Seal.

02-26-16 TOOH w/tbg and pkr. Shut down for three days to let
cmt set up.

02-29-16 TIH w/bit and tbg and hit cmt at 1807'. Test csg to
850 psig. Hold OK. Drill out cmt and test csg to
550 psi. Held OK.

03-01-16 TOOH w/tbg and bit. TIH w/retrieving tool and
retrieve RBP. Shut down to wait on fiberglass lined
tbg.

03-14-16 TIH w/fiberglass lined tbg and Arrow Set 1-X nickel
coated pkr. Set pkr at 4838'. Circulate pkr fluid
down annulus. Perform csg integrity test. Chart is
attached.



Stephens & Johnson Operating Co.

Mobil 22 Federal #5

30-015-25321

990' FSL-2310' FWL- Sec 22 - T26S - R29E

Test after workover

Richard Inge gave permission to do without witness

Pressure: 530 psi

Operator: Stephens & Johnson Operating Co.
Surface Lease: NM22634 **BHL: NM22634**
Case No: NM22634 **Lease Agreement**
 Subsurface Concerns for Casing Designs:
 Well Status: **WIW**
 Spud date: **7/30/1985**
 Plug'd Date:
 Reentry Date:

Well: MOBIL 22 FEDERAL-5
API: 3001525321
@ Srfce: T26S-R29E,22.990s2310w
@ MTD: T26S-R29E,22.990s2310w
Estate: P/F/F
WDW, Rt of Way: 0
Admn Order, date: R-9001, 04/12/1989
Formation, Depths, psig: Brushy Draw,4938-5010, 988psig

KB: 2900
 GL: 2892
 Corr: 8

12/16/1989 CTI (475bbl on Vac)
 11/09/2005 MIT held 360 to 330psig 30m
 11/20/2015 MIT failed
 03/14/2016 MIT held 530 to 510psig 30m

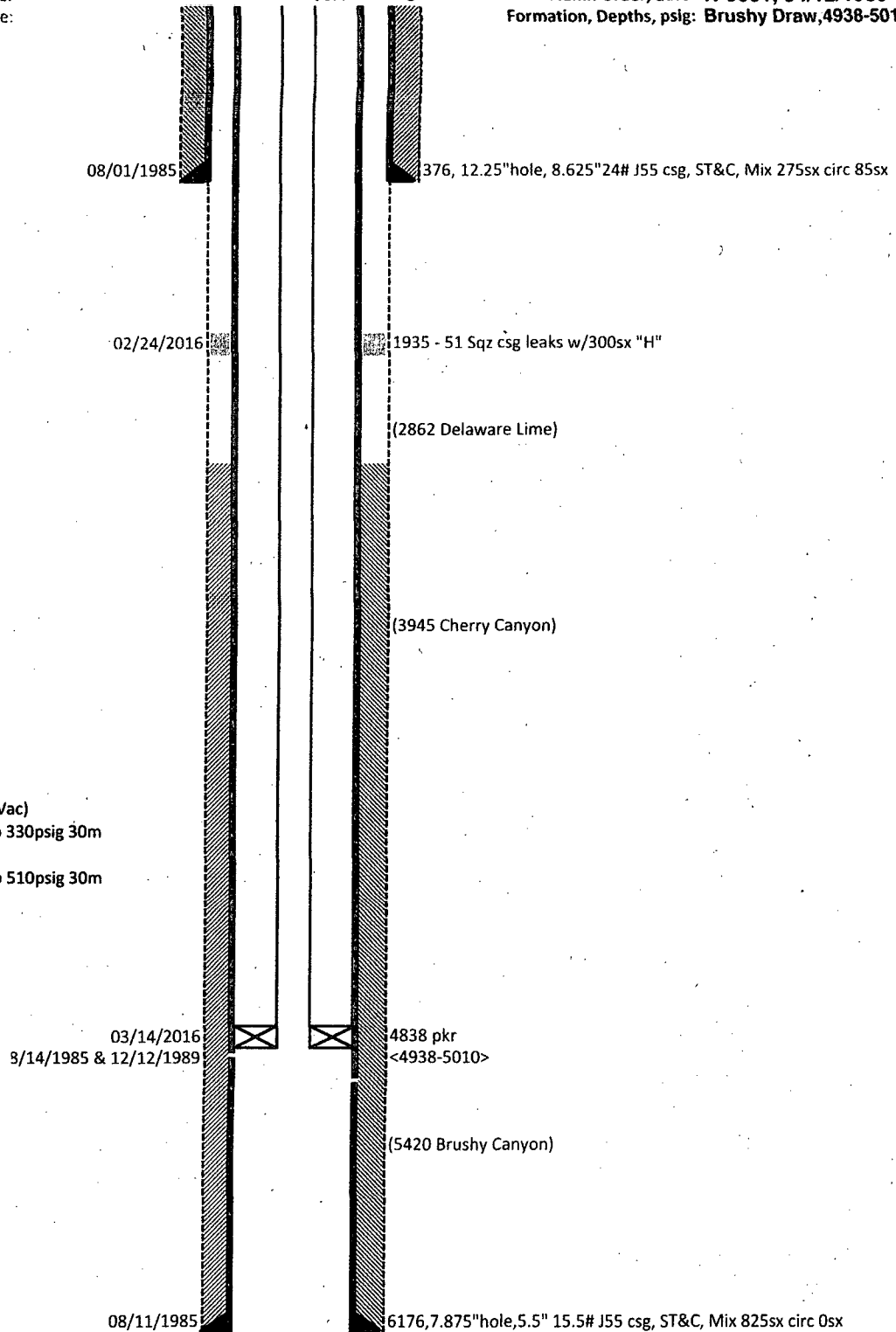


Diagram last updated: 08/26/2016