Form C-102

MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF		NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL	X	NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Odessa, Texas (Place) 2-11-54 (Date)

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico

Gentlemen:

Following is a notice of intention to do certain work as described below at the SCU

Sun Oil Company (Company or Operator) N. D. McKinley (Lease) Well No. 4 in NE/4

of Sec. 5, T. 19S, R. 38E, N. M. P. M., Hobbs Field.

Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

SEE ATTACHED SHEET.

Approved ..... 19.....
except at follows:

OIL CONSERVATION COMMISSION,

By J. G. Stanley

Title Engineer District 1

SUN OIL COMPANY
Company or Operator

By O. D. Cunningham

Position Superintendent

Send communications regarding well to

Name Sun Oil Company

Address Box 2792, Odessa, Texas

H. D. MCKINLEY # 4 CASINGREPAIR WORKOVER

1. Kill well with water.

2. Pull 1½" tubing and 1½" x 3" Robinson packer. Run wire line with sinker bar and check for possible 1½" tubing and packer in bottom of 3" tubing.

3. Pull 3" tubing and Robinson 3 in 1 packer. If unable to pull packer with tubing, run Dialog string shot, pull tubing, pick up and run 2 7/8" drill pipe with wash pipe and clean out to packer. Fish with drill pipe.

4. Run bit and casing scraper, check clearance to TD. Set Baker wire line bridge plug at approximately 3882'.

5. Run Dialog survey of 7" casing, and free point test.

6. Run drill pipe with Baker test packer, test bridge plug 1500#, check and locate casing leaks.

7. If casing is in bad condition below free point, and a new string of casing is warranted, perforate above free point, circulate until clean, cement to surface behind 7" casing with slo-set cement. WOC 24 hours, perforate through 7" and 9 5/8" casing at 160'. Circulate until clean and cement to surface with neat cement. Drill out plugs, clean out to TD, run 350' 5½" flush joint casing and 3850' of 5½" API casing. Cement to top of liner. Run GR & N Log, perforate accordingly. Run new 2" tubing with production packer and fill up behind packer with water. Install National Series 600 tree. Test.

8. If casing is in good condition below lowest leak, and above free point, cut with BWS casing cutter, pull casing, test and replace bad joints.

9. Set Calus Umbrella in 9 5/8" casing at 600'. Dump 10' pea gravel and 10' Calseal cap on top of umbrella. Test plug with 500#.

10. Perforate 9 5/8" casing at 570' with Lane Wells four way squeeze gun. Try to establish circulation through 13" bradenhead. If circulation is not established, run retainer at 520' and squeeze to 2000#. If circulation is established, clean up and cement to surface.

11. If cement is not circulated, run temperature survey in 12 hours and if cement is not in 13" casing, reperforate and cement, following same proceedure.

12. After 12 hours, drill out retainer and plug, run mill and wash pipe on 2 7/8" drill pipe and clean up top of 7" casing. Run casing scraper or ring to top of 7" and check clearance for casing bowl.

13. Rerun 7" casing with BWS bowl, test to 1500#.

14. Perforate 7" casing above free point and below bowl. Establish circulation and cleanup. Run retainer and circulate cement to surface behind 7". If cement is not circulated, locate top by temperature survey, reperforate and cement as before.

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H. D. McKINLEY # 4 CASING REPAIR WORKOVER

15. Drill out plugs, run bit, casing scraper and clean out to TD.

16. Run 350' 5½" flush joint liner from 3850' to 4200', using BWS hanger and packer. Cement with 50 sx.

17. Run GR & N Log from surface to TD. Perforate accordingly.

18. Run new 2" tubing with production packer set approximately 3800, leave water behind packer.

19. Replace present wellhead equipment with new National Series 600 flange tree.

20. Swab and test.