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NEW MEXICO OIL CONSERVATION COMMISSION

Form No. 1
 12/1/74
 1000000000

Fee

NMR-458

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR TO REFRAC TUBES TO A DEPTH GREATER THAN THAT PERMITTED BY THE COMMISSION. USE APPLICATION FOR PERMIT TO DRILL OR TO DEEPEN OR TO REFRAC TUBES TO A DEPTH GREATER THAN THAT PERMITTED BY THE COMMISSION.

OIL WELL GAS WELL OTHER

Name of Operator

Texas Pacific Oil Company, Inc.

E. W. Walden

Address of Operator

P. O. Box 4067, Midland, Texas 79701

4

Location of Well

UNIT LETTER C 660 FEET FROM THE North LINE AND 2130

Tubb Gas

THE West LINE, SECTION 15 TOWNSHIP 22-S RANGE 37-E

15, Elmore (Shaw) Area, DE, PL, 15

3417 GR

Lea

Check Appropriate Box To Indicate Nature of Notice or Other Data
 NOTICE OF INTENTION TO: SEQUENT REPORT OF:

PERFORM REMEDIAL WORK PLUG AND ABANDON
 TEMPORARILY ABANDON CHANGE PLANS
 PULL OR ALTER CASING OTHER NMOC Order No. R-5003

REPAIR REFRAC
 REFRAC REFRAC
 REFRAC REFRAC

7. Describe Proposed or Completed Operations (Clearly state all pertinent details, including work) SEE RULE 1103.

See Attached Remedial Cementing Procedure

8. I hereby certify that the information above is true and complete to the best of my knowledge.

SIGNED L. A. Wright

TITLE Area Superintendent

August 7, 1975

APPROVED BY _____

TITLE OIL FIELD INSPECTOR

SEP 10 1975

CONDITIONS OF APPROVAL, IF ANY:

REMEDIAL CEMENTING PROCEDURE

E. W. WALDEN NO. 4
TUBB GAS
660' FNL @ 2130' FWL
SEC. 15, T-22-S, R-37-E
LEA COUNTY, NEW MEXICO

August 8, 1975

Well Data

Elevation: 3417' DF
Total Depth: 6540'
PBD: 6308'
Casing: 10 3/4" 40#/ft. @ 148' w/100 sx. cmt.
7 5/8" 26#/ft. @ 2852' w/1800 sx. cmt.
5 1/2" 17#/ft. @ 6540' w/200 sx. cmt.
(cmt. top @ 4500', est.)
Production: Tubb Gas perfs 5920'-6172'
Drinkard perfs 6460'-6518'
Current Status: Producing Tubb Gas

Note: NMOCC supervisor must be contacted at least 24 hrs. prior to start of the following procedure.

Procedure

1. MIRUPU, kill well w/2% KCl water containing 1 gal. per 1000 Morflo II, install BOPE, and POH w/tubing.
2. GIH w/RBP on tubing and set RBP @ 5000'(+). Test to 3000 psi. POH.
3. RU Dresser Atlas. Dump 2 sx. sand on RBP. Perforate w/2SPF @ 3200'-3801', (total 4 shots) using a 4" casing gun w/Big Hole Burr Free, 20.0 gm. charges w/.76" hole size.
4. GIH w/E-Z Drill cement retainer on wireline and set at 3760'.
5. GIH w/tubing and sting into cement retainer.
6. Open Bradenhead valve and attempt to break circulation. If unable to break circulation, go to Step 8.
7. Circulate the cement into the perfs as follows:

REMEDIAL CEMENTING PROCEDURE
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Page Two

- (a) Pump 200 sx. Class "C" cement containing .6% Halad-22 and 6# salt/sk. through the perfs at 3800'-01' (Water Req.: 6.3 gals./sk., Slurry Wt.: 15.4 ppg, Yield: 1.32 cu.ft./sk., Thickening Time: 2 hrs.).
 - (b) Follow the Class "C" slurry with 50 sx. Class "H" with 6# salt/sk. (Water Req.: 4.3 - 5.2 gals./sk., Slurry Wt.: 17.1 - 16.2 ppg, Yield: 1.06 - 1.18 cu.ft./sk.).
 - (c) After the 200 sx. of Class "C" cement is put away, close the Braden-head valve and squeeze the last 50 sx. of Class "H" to 500 psi above the pump-in pressure not to exceed 3000 psi maximum. If unable to obtain a squeeze, displace Class "H" cement to the cement retainer, with pumping time not to exceed 1 hr.
 - (d) Pull out of cement retainer and reverse out excess cement, and POH w/tubing.
 - (e) Proceed to Step 9.
8. (a) Perforate w/2 SPF @ 3100' & 3101' (total of 4 shots) using a 4" casing gun w/Big Hole Burr Free, 20 gm. charges (.76" hole size).
 - (b) Attempt to break circulation. If able to circulate, pump 200 sx. Class "C" cement containing .6% Halad-22 and 6# salt/sk. and displace cement to the retainer. If unable to circulate, contact Midland Engineering.
 - (c) Pull tubing out of retainer and above upper perforations, reverse out excess cement, and pull tubing.
 - (d) Proceed to Step 9.
9. WOC 24 hrs. 8-12 hrs. after pumping, run Worth Well Temperature Survey from 2500' to cement retainer. Relay results to Midland Engineering and to NMOCC.
 10. RU reverse equipment and GIH w/bit and drill collars on workstring and drill out retainer and cement. Test perfs to 1000 psi. If cemented perfs won't hold 1000 psi, contact Midland Engineering.
 11. Reverse sand off the RBP, displace the drilling fluids with 2% KCl water with 1 gal. Morflo II per 1000 gals. and pull RBP.
 12. Run production equipment, swab well to flow, and place on production.

AES:cs

cc: West Area

C. Engleman

JW
8/8/75
ME