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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		7. Unit Agreement Name
2. Name of Operator <i>Texas Pacific Oil Company Inc.</i>		8. Farm or Lease Name <i>Boyd</i>
3. Address of Operator <i>P.O. Box 4067 Midland, Texas 79701</i>		9. Well No. <i>4</i>
4. Location of Well UNIT LETTER <i>B</i> <i>1660</i> FEET FROM THE <i>North</i> LINE AND <i>1980</i> FEET FROM THE <i>East</i> LINE, SECTION <i>23</i> TOWNSHIP <i>22-S</i> RANGE <i>37-E</i> NMPM.		10. Field and Pool, or Wildcat <i>Langley Hattix</i>
15. Elevation (Show whether DF, RT, GR, etc.) <i>.3332 GR</i>		12. County <i>Lea</i>

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

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

See Attached Procedure

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

SIGNED *L. A. Wright* TITLE *Area Supt* DATE *11-11-74*

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

ABANDONMENT PROCEDURE
Boyd No. 4
660' FN & 1980' FEL, Sec 23, T22S, R37E
Lea County, New Mexico

Well Data:

Elevations: 3332 DF, 3320 GL

Casing: 13-3/8" @ 289' w/350 sx
9 5/8" @ 546' w/1000 sx
5-1/2" @ 3615' w/500 sx

TD: 3990'

PBTD: 3610

Perforations: 3510-40 and 3560-80' (Penrose)

Procedure:

1. MI & rig up unit. Install BOP. Pull tubing.
2. Run Go International temperature survey to locate water entry if possible.
3. Run tubing and set cement retainer at 3400'.
4. Squeeze perforations 3510-3580' with 400 sx class "C" cement containing 1/4 #/sk Floccel, 15 #/sk No. 2 sand, and 3 #/sk salt as follows:
 - (a) Displace 300 sx through perforations
 - (b) Obtain squeeze pressure of 1000 psi above pump-in pressure with last 100 sx by hesitation method. (Do not exceed 2 hours pumping time). If squeeze not obtained, clear perfs w/5 BW and WOC 6 hrs.
 - (c) If necessary, repeat as above.
5. Pull out of retainer, reverse out and pull tubing if water shut off not obtained.
6.
 - (a) If water shut off not obtained, pull tubing and perforate 2800-2805 w/2 SPF using 3-5/8" Densijet charges. Set cement retainer at 2700' and squeeze as in Step 4.
 - (b) If water shut off is obtained, spot 100' cement plugs @ 2450'-2550', * 500-600', and 250-350', using mud-laden fluid between plugs. Spot 10' plug at surface.

* (Spot 100' plug across top of salt at 1400')
7. If water shut off not obtained in Step 6 (a), pull tubing and perforate 2500-2505' w/2 SPF, set cement retainer at 2400' and squeeze as in Step 4.
8. Spot plugs as in Step 6 (b).
9. Install dry hole marker and clean location.

Abandonment Procedure

Boyd No. 4

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Cement Properties:

Slurry weight 15.3 #/gal.

Yield 1.4 ft³/sk.

Mix 6.3 gal water/sk

Thickening time 2½ hours.

**NOTE: This procedure has been reviewed and approved by the New Mexico
Oil Conservation Commission.**