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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 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 type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- Water Injection		7. Unit Agreement Name South Pearl Queen Unit
2. Name of Operator Tamarack Petroleum Company, Inc.		8. Farm or Lease Name South Pearl Queen Unit
3. Address of Operator P. O. Box 2046, Midland, TX 79702		9. Well No. 23
4. Location of Well UNIT LETTER <u>B</u> <u>330</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE, SECTION <u>9</u> TOWNSHIP <u>20-S</u> RANGE <u>35-E</u> NMPM.		10. Field and Pool, or Wildcat Pearl Queen
15. Elevation (Show whether DF, RT, GR, etc.)		12. County

16.

### Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

#### NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

#### SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER <u>Repair Casing Leak</u> <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.

5/06/80 - POH with plastic coated tubing and lock set packer. Run in hole and set CIBP at 4550'. SIFN.

5/07/80 - Pick up. Run in hole and test with packer. Located leak between 3335' and 3365'. POH. Drop 100' of sand on top of CIBP.

5/08/80 - Run in hole with cement retainer, set at 300'. Would not move. Shear off. Retainer leaking. Knock down hole with bailer. Push to 4450' with flat bottom mill.

5/09/80 - Run in hole with cement retainer and set at 3206'. Squeeze leak with 400 sacks 65/35 poz salt saturated and 200 sacks Class C with 2% CaCl<sub>2</sub> + 5# salt. Pull out of retainer with 1000# below. POOH. Shut in. WOC.

5/10/80 - Drill out cement retainer and 190' cement. SIFN.

5/12/80 - 5/12/80 thru 5/19/80 continued on attached sheet.

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

SIGNED <u>Randy D. McClay</u>	TITLE <u>District Engineer</u>	DATE <u>5/29/80</u>
APPROVED BY <u>Jerry Sexton</u> <u>Dist. 1, Supv.</u>		
CONDITIONS OF APPROVAL, IF ANY:		

JUN 2 1980

Tamarack Petroleum Company, Inc.  
South Pearl Queen Unit  
Well #23  
Lea County, New Mexico

- 5/12/80 - Finish drill out total 260' cement. POH and run in hole with casing scrapper to 4450'
- 5/13/80 - Went in hole with Model R Packer. Isolated leak between 52 and 59 stands. Pump into leak at 5 BPM - 600#. Approximately 500' of leak. Run in hole with cement retainer. Set cement retainer. Set cement retainer at 3213' and squeeze casing leak with 400 sacks class C with 2%  $\text{CaCl}_2$  10% salt and 5# sand per sack. Did not squeeze. Overdisplaced with 17 barrels fresh water. SIFN.
- 5/14/80 - Squeeze casing leak with 200 sacks Dowell regulated fillup cement. Pull out of retainer with 1400# below. POOH. SI. WOC.
- 5/15/80 - Run in hole with 3 7/8" bit. Drill out cement retainer and 160' cement. SIFN.
- 5/16/80 - Finish drill out total 300' cement. POOH. Run in hole with casing scrapper to 4450'. Test casing to 600 PSIG. Held for 5 minutes. No leak. POOH. Run in hole with bit. SIFN.
- 5/17/80 - Drill remains of retainer - pushed to 4450' on 5/8/80. Circulate sand out of hole. Drill CIBP at 4450 and pushed to PBDT at 4991'. Start out of hole laying down.
- 5/19/80 - Finish POOH and laying down workstring. Run in hole with Lok-Set Packer on 154 jts. plastic coated tubing. Set packer at 4568' with 10,000# tension. Nipple down BOPE. Nipple up well head. Put on injection.