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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>		South Pearl Queen	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		South Pearl Queen Unit	
2. Name of Operator		9. Well No.	
Tamarack Petroleum Co., Inc.		6	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 2046, Midland, TX 79702		Pearl Queen	
4. Location of Well		12. County	
UNIT LETTER <u>E</u> LOCATED <u>660</u> FEET FROM THE <u>West</u> LINE		Lea	
AND <u>2002</u> FEET FROM THE <u>north</u> LINE OF SEC. <u>3</u> TWP. <u>20-S</u> RGE. <u>35-E</u> NMPM			
19. Proposed Depth		19A. Formation	
5040		Queen	
20. Rotary or C.T.			
21. Elevations (Show whether DF, RT, etc.)		21B. Drilling Contractor	
3685 RKB		Monument Well Service	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
Blanket		May 1, 1985	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11	8 5/8	24	91'	85	Surf.
7 7/8	4 1/2	11.6	5040'	400	3340 by Temp.

Convert Injection Well to Producing Well

1. Set cement retainer above injection perfs 4650-56' and cement squeeze with Halliburton Class C cement.
2. WOC 24 hrs. Drill out retainer and cement to PBTD at 4685. Test squeeze to 2000#.
3. Drill out CIBP's at 4700, 4800 and 4870. Test perforations 4743-49, 4847-52, 4863-95.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Randy A. McClay Title Engineering Manager Date 4/17/85

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE DATE APR 22 1985

CONDITIONS OF APPROVAL, IF ANY: