

TEXAS PACIFIC OIL COMPANY, INC.

REGIONAL OFFICE
MIDLAND, TEXAS 79701

P. O. BOX 4067
1509 WEST WALL STREET

January 14, 1977

TEL. 915-684-5584
TWX. 910-895-5324

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Joe Ramey

Re: CONVERSION OF WELLS NOS. 6 & 15
TO WATER INJECTION
SOUTH LEONARD QUEEN UNIT
SOUTH LEONARD QUEEN POOL
SEC. 13, 23 & 24, 26S-37E
LEA COUNTY, NEW MEXICO

Gentlemen:

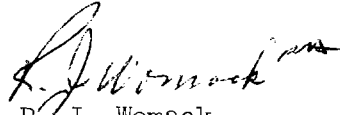
Texas Pacific Oil Company, Inc., respectfully requests administrative approval for the conversion of South Leonard Queen (Waterflood) Unit Wells Nos. 6 & 15 to water injection service. The conversion of these proposed wells will permit recovery of additional waterflood oil, which otherwise will not be recovered under present waterflood operations. The Texas Pacific South Leonard Queen Waterflood Project was approved by the Commission under Order No. R-3421 dated June 4, 1968.

The two subject wells will be equipped with plastic coated tubing set on a mechanical injection packer. The packer will be set approximately 50 feet above casing seat. San Andres water will be injected into the Queen formation through open hole. The anticipated injection rate will be approximately 250 BWPD at a surface pressure of 1150 psig.

This application is being filed in accordance with the Commission Rule 701-B. Attached are three copies of the Unit plat, three copies of the wellbore sketch and a copy of log for each well.

Very truly yours,

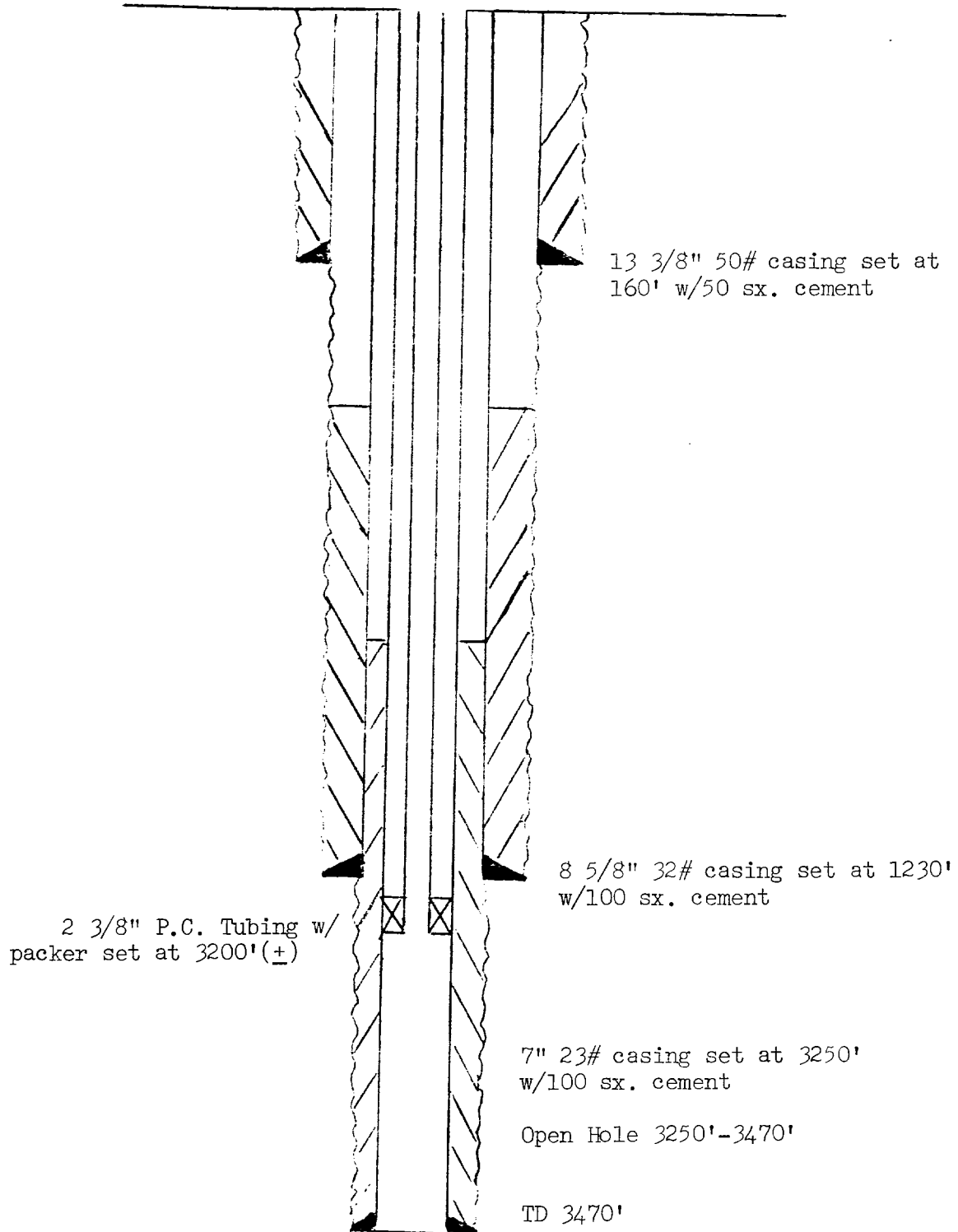
TEXAS PACIFIC OIL COMPANY, INC.


R. J. Womack
Regional Manager

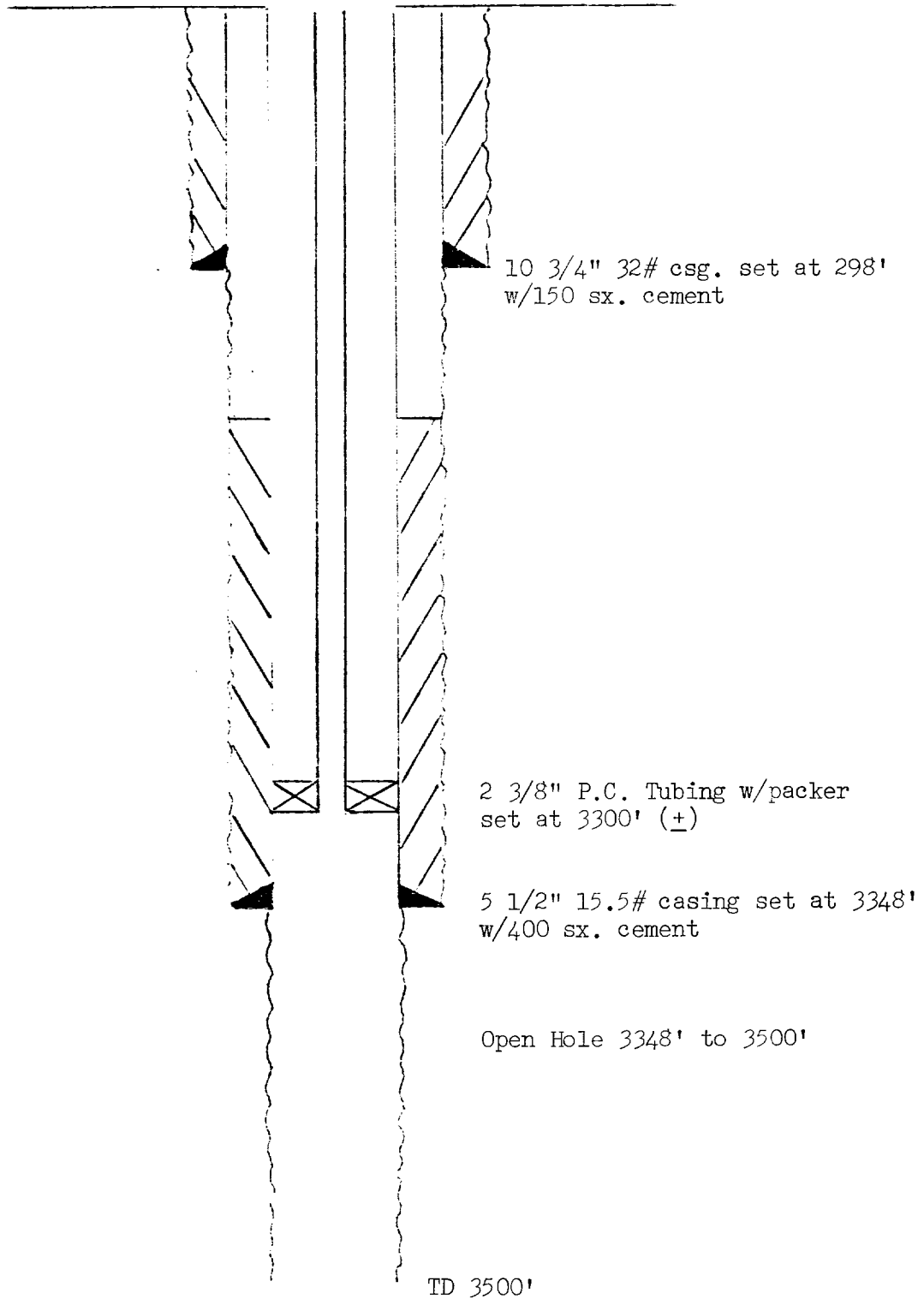
RDH:cs

cc: USGS - Hobbs for Approval of Well #15

TEXAS PACIFIC OIL COMPANY, INC.
SOUTH LEONARD QUEEN UNIT NO. 6
660' FEL, 1980' FNL, UNIT "H"
SEC. 23, T-26-S, R-37-E
LEONARD (QUEEN) SOUTH POOL
LEA COUNTY, NEW MEXICO
ELEVATION 2988' GR



TEXAS PACIFIC OIL COMPANY, INC.
SOUTH LEONARD QUEEN UNIT NUMBER 15
990' FSL, 660' FEL, UNIT "M"
SEC. 24, T-26-S, R-37-E
LEA COUNTY, NEW MEXICO
ELEVATION 2992' RKB



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FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

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 checked="" type="checkbox"/>
5. State Oil & Gas Lease No. NMJ-538	

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. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Texas Pacific Oil Company, Inc.		8. Farm or Lease Name South Leonard Unit
3. Address of Operator P. O. Box 4067, Midland, Texas 79701		9. Well No. 6
4. Location of Well UNIT LETTER H 1980 FEET FROM THE north LINE AND 660 FEET FROM east 23 LINE, SECTION 26-S RANGE 37-E NMPM.		10. Field and Pool, or Wildcat South Leonard Queen
15. Elevation (Show whether DF, RT, GR, etc.) 2980		12. County Lea

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 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 checked="" type="checkbox"/> Convert to water injection well	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.

1. MIRUPU. POH w/rods, pump and tubing.
2. C.O. to TD and run logs.
3. Acidize open hole, below packer set at 3200'(+/-) w/1000 gals. of Acid.
4. Run plastic coated tubing and packer w/packer set at 3200'(+/-).
5. Install surface injection equipment and commence injection.

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

SIGNED W. J. McIntosh TITLE Dist. Operations Supt. DATE 1-17-77

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

032510(C)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

South Leonard Unit

9. WELL NO.

15

10. FIELD AND POOL, OR WILDCAT

South Leonard Queen

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 24, 26-S, 37-E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

2992' DF

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

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☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

Convert to water injection

☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☐

REPAIRING WELL

☐
☐
☐
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. MIRUPU. Pull rods, pump and tubing.
2. Run bit, DC and tubing and C.O. to 3500' TD. Drill 50' of new hole to 3550'. POH.
3. Run logs.
4. Acidize open hole under packer to be set at 3300'(+).
5. Run plastic coated packer and tubing; packer to be set at 330'(+).
6. Install surface injection equipment and commence injection.

18. I hereby certify that the foregoing is true and correct

SIGNED

W. J. McClintock

TITLE

Dist. Operations Supt.

DATE

1-17-77

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

TEXAS PACIFIC OIL COMPANY, INC.
REGIONAL OFFICE
MIDLAND, TEXAS 79701

P. O. BOX 4067
1509 WEST WALL STREET

TEL. 915-684-5584
TWX. 910-895-5324

January 25, 1977

Herman J. Ledbetter
1002 Sayles Blvd.
Abilene, TX 79605

Robert J. Leonard
Security National Bank Building
Roswell, NM 88201

Tenneco Oil Company
1200 Lincoln Tower
Denver, CO 80203

Re: Conversion of Wells No. 6 & 15
to Water Injection
South Leonard Queen Unit
Sec. 13, 23 & 24, T-26S-37E
Lea County, New Mexico


Gentlemen:

Texas Pacific Oil Company, Inc. has made a request for administrative approval for the conversion of the above referenced wells.

In compliance with Rule 701 E-4, attached is a copy of the formal request, as your notification as an offset operator.

Yours very truly,

TEXAS PACIFIC OIL COMPANY, INC.


R. J. Womack
Regional Manager

RDH:sw

cc: Mr. Joe Ramey, N.M.O.C.C., Santa Fe ✓

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE

OIL CONSERVATION COMMISSION
Hobbs DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE January 20, 1977

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX X _____
Proposed PMX _____

Gentlemen:

I have examined the application dated _____
for the Texas Pacific Oil Co., Inc. S. Leonard Queen Unit #6 23-26-37 & #15 24-26-37
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

O.K.---J.S.

Yours very truly,
