

TEXAS PACIFIC OIL COMPANY, INC.

P. O. Box 4067  
Midland, Texas 79701

DHC - 1576  
Rec 3-17-75

February 14, 1975

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

Attention: Mr. A. L. Porter, Jr.

Re: Wellbore Commingling  
Belcher Well No. 1  
Tubb and Drinkard Pools  
Lea County, New Mexico

Gentlemen:

Texas Pacific Oil Company, Inc., requests administrative approval to commingle in the wellbore oil production from the Tubb and Drinkard Pools in the Belcher Well No. 1 located in Unit "L" Section 7, Township 22 South, Range 38 East, Lea County, New Mexico.

The subject well is presently flowing from the Tubb zone. Upon approval of this application, the bridge plug at 6830' will be drilled out, and cleaned out to 7131' exposing the Drinkard Pool (open hole) which had been abandoned in November, 1957. Each zone will be individually treated and put on production. This well is expected to flow; therefore, artificial lift will not be needed. The fluids from these two reservoirs are known to be compatible. Ownership of the minerals in both zones is common, and the value of the commingled fluids will not be less than the total value of the fluids if they were marketed separately. Secondary operations will not be jeopardized by approval of this application.

A data sheet is attached listing required data for the Tubb and Drinkard zones. Also attached is a production decline curve. A well test is included as submitted on Form C-116 for the Tubb zone.

Copies of this application are being mailed to each of the offset operators shown on the attached list.

Very truly yours,

TEXAS PACIFIC OIL COMPANY, INC.

*B. J. Womack*  
B. J. Womack  
District Manager

RDH:bn  
Attachments

Oil Conservation  
Santa Fe

DATA SHEET FOR WELLBORE COMMINGLING

Operator: Texas Pacific Oil Company, Inc.

Address: P. O. Box 4067, Midland, Texas 79701

Lease and Well No: Belcher Well No. 1

Location: Unit L ; 660 Feet from the West Line and 1980 Feet  
from South Line of Section 17 ; Township 22-S ; Range 38-E ;  
Lea County.

WELL DATA

	<u>Upper Pool</u>	<u>Lower Pool</u>
Name of Pool	<u>Tubb</u>	<u>Drinkard</u>
Producing Method	<u>Flowing</u>	<u>T.A.</u>
BHP	<u>577 psi</u>	<u>T.A.</u>
Type Crude	<u>Sour</u>	<u>Sour</u>
Gravity	<u>38</u>	<u>-</u>
GOR Limit	<u></u>	<u></u>
Completion Interval	<u>6141-6282</u>	<u>OH 6828-7131</u>
Current Test Date	<u>2-10-75</u>	<u>T.A.</u>
Oil	<u>2.5</u>	<u>- Est. 8.22</u>
Water	<u>1</u>	<u>-</u>
GOR	<u>17,200</u>	<u>-</u>
Selling Price of Crude-\$/BBL.	<u>7.14</u>	<u>-</u>
Daily Income - \$/Day	<u></u>	<u>-</u>

COMMINGLED DATA:

Gravity of Commingled Crude Est. 38 degrees

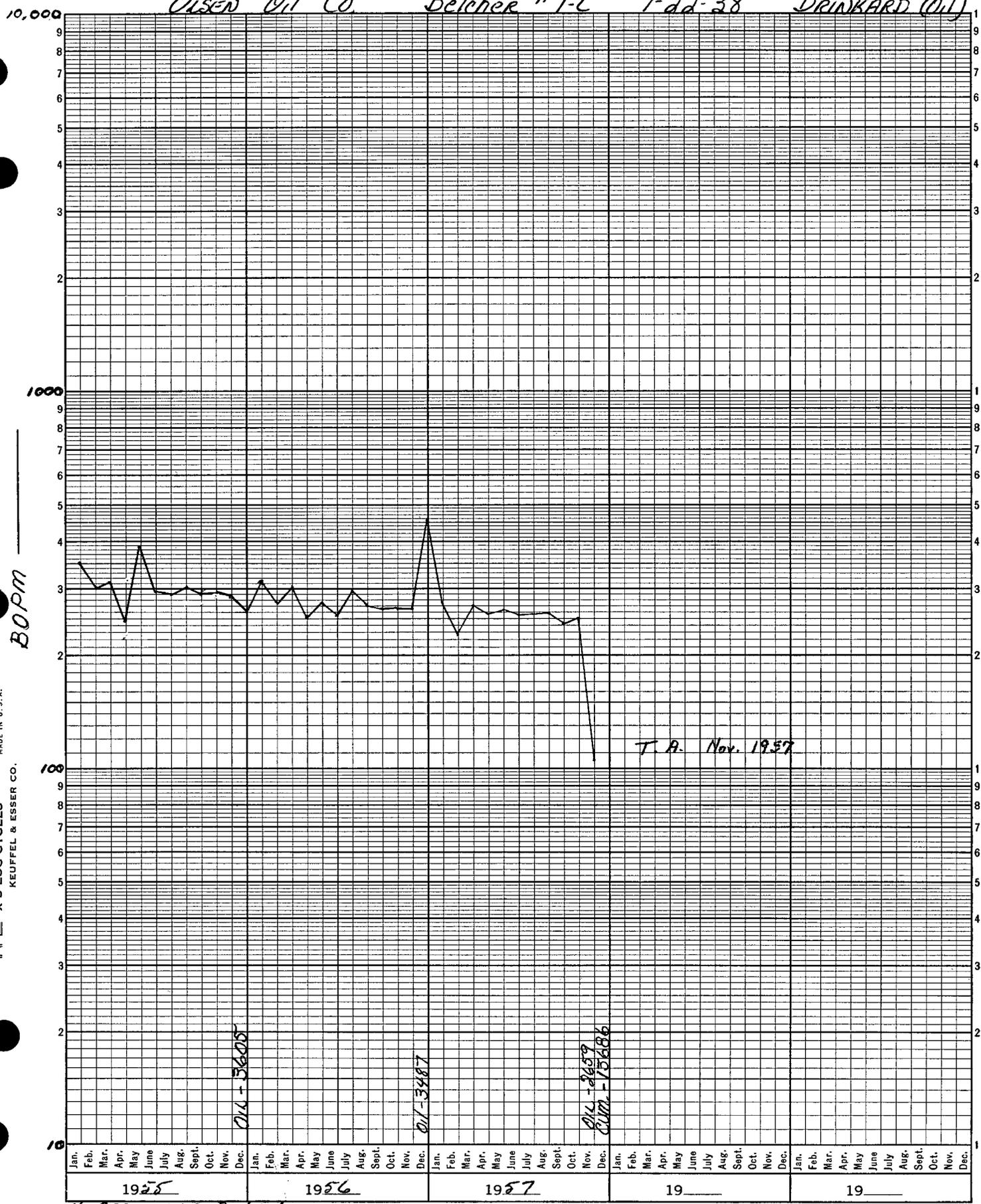
Selling Price of Commingled Crude - \$/BBL. 7.14

Daily Income - \$/Day

Net (Gain) From Wellbore Commingling - \$/Day 58.69  
based on current producing rates.

\* Surface commingled  
\*\* To be picked from log

Olsen Oil Co. Belcher #1-L 7-22-38 DRINKARD (OIL)



KE 5 YEARS BY MONTHS 46 6690 X 3 LOG CYCLES KEUFFEL & ESSER CO. MADE IN U.S.A.

BOPM

OIL - 36005

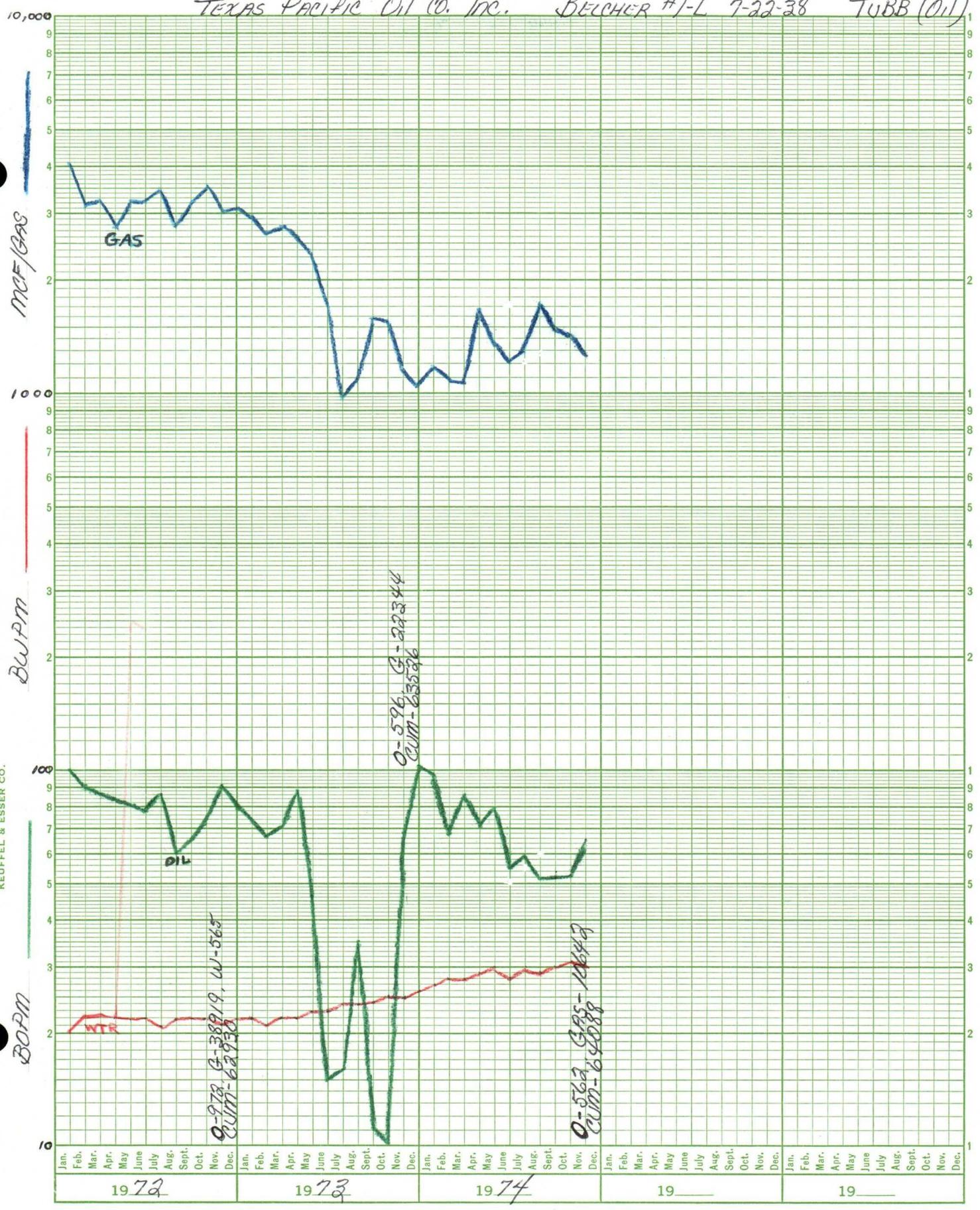
OIL - 3487

OIL - 2659  
CUM. - 15586

T.A. Nov. 1937

NO. GAS OR W.P. Produced.

TEXAS PACIFIC OIL CO. INC. BELCHER #1-L 7-22-38 TUBB (OIL)



KE 5 YEARS BY MONTHS 46 6690 MADE IN U.S.A. KEUFFEL & ESSER CO.

MCF/GAS

BWPM

BOPM

1972

1973

1974

19

19

NEW MEXICO OIL CONSERVATION COMMISSION  
GAS-OIL RATIO TESTS

C-116  
Revised 1-1-65

Operator		Pool		County										
Texas Pacific Oil Company, Inc.		Tubb Oil		Lea										
Address		79701		TYPE OF TEST - (X)										
P. O. Box 4067, Midland, Texas				Scheduled <input type="checkbox"/> Special <input checked="" type="checkbox"/>										
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT./BBL.	
		U	S	T						R	WATER BBL.	GRAV. OIL BBL.		GAS M.C.F.
Belcher	1	L	7	22	38	2-10-75	F 38/64	85	3	24	1	2.5	43	17,200

No well will be assigned an allowable greater than the amount of oil produced on the official test.  
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.  
Mall original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

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

*L. A. W. Smith*

(Signature)

Area Superintendent

(Title)

February 14, 1975

(Date)

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LAND FICE	
OPE OR	

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  Fee

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.  OIL  GAS WELL  OTHER

2. Name of Operator  
Texas Pacific Oil Company, Inc.

3. Address of Operator  
P. O. Box 4067, Midland, Texas 79701

4. Location of Well  
UNIT LETTER L 660 FEET FROM THE West LINE AND 1980 FEET FROM  
THE South LINE, SECTION 7 TOWNSHIP 22-S RANGE 38-E N.M.P.M.

15. Elevation (Show whether DF, RT, GR, etc.)  
3348 GR

7. Unit Agreement Name

8. Farm or Lease Name  
Belcher

9. Well No.  
1

10. Field and Pool, or Wildcat  
Drinkard

12. County  
Lea

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK

TEMPORARILY ABANDON

PULL OR ALTER CASING

OTHER

PLUG AND ABANDON

CHANGE PLANS

SUBSEQUENT REPORT OF:

REMEDIAL WORK

COMMENCE DRILLING OPNS.

CASING TEST AND CEMENT JOBS

OTHER

ALTERING CASING

PLUG AND ABANDONMENT

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

- MIRUPU with Reverse Equipment. Install B.O.P. POH w/Production Equipment.
- Drill out BP at 6830' and clean out to 7131' Drinkard Zone O.H.
- Run 3 1/2" Frac tubing w/Packer set at 6700' and frac w/45,000 gelled fluid & 45,000# sand in 3 stages using rock salt and TLC-80 as blocking agent. Run temp. log. Test Drinkard zone.
- Tubb zone. Set RBP @ 6500' test to 4000# psi, set packer at 6000', Frac in 3 stages w/4500 gals frac fluid & 45,000# sand. Each staged followed w/500 gals. 15% NE acid. Run temp log and test Tubb zone.
- POH w/frac equip.
- Run production equipment w/packer set at 6000'. Swab well to flow and put on production commingling down hole Drinkard & Tubb zones.

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 Superintendent DATE February 14, 1975

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION COMMISSION  
Hobbs DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

FEB 27 1975  
OIL CONSERVATION COMM.  
Santa Fe

DATE February 25, 1975

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_ X \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

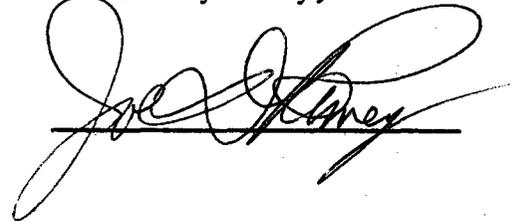
I have examined the application dated \_\_\_\_\_  
for the Texas Pacific Oil Co., Inc. Belcher #1-L 7-22-38  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

O.K.---J.D.R.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

  
\_\_\_\_\_