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OIL CONSERVATION COMMISSION
Albuquerque DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE February 29, 1980

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

Gentlemen:

I have examined the application dated February 22, 1980
for the Union Texas Petroleum Johnston Federal #114, N-7-31N-96
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Docket for hearing. I have concerns about where the 1200 ac of
cement went in the primary cementing, if a CBL was run, and
the quantity and source of the water that is being produced.
Also, nearby Fruitland wells have pressures approaching 1200 psi
and the P.C.'s seem to be closer to 800 psi.

Yours very truly,

Frank S. Chazy



Union Texas Petroleum Division
Suite 1010 Lincoln Tower
1860 Lincoln Street
Denver, Colorado 80203

February 22, 1980

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

Re: Johnston Federal #11Y
SE SW Sec.7-T31N-R9W
Blanco Pictured Cliffs and
Blanco Fruitland Fields
San Juan County, New Mexico

Gentlemen:

Attached please find the following documents on the captioned well:

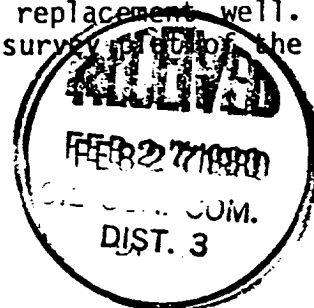
1. Well Completion Report (Form 9-330)
2. Affidavit of Deviation Surveys
3. Packer Leakage Test
4. Request for Allowable (Form C104)
5. Application for Approval of a Non-Standard Proration Unit
6. Application for Multiple Completion (Form C-107)
7. Application for Approval to Down Hole Commingle Production

In support of our various applications the following information is offered:

APPLICATION FOR NON STANDARD PRORATION UNIT

Due to variations of legal subdivisions of public land surveys, the quarter sections along the western boundary of Township 31 North, Range 9 West are irregular in size. Because of this irregularity we are unable to form a standard 160 acre proration unit, and are asking the Commission to approve the non-standard proration unit consisting of the west half of Section 7 containing 209.5 acres.

The subject well was drilled as a replacement well for Johnston Federal #11 which has been plugged and abandoned. By virtue of Case No. 6227 (May 17, 1978) and Order No. R-5737 (June 12, 1978), which approved the same non-standard proration unit for Johnston Federal #11; we request administrative approval of the non-standard proration unit for our replacement well. Attachment I includes waivers from offset operators and a survey map of the well and proposed proration unit.



APPLICATION FOR MULTIPLE COMPLETION ✓

The Johnston Federal #11Y was drilled for Pictured Cliffs production. While drilling the well gas kicks were also observed in the Fruitland section, and both zones have been perforated. Attachment II includes Form C-107, a well bore diagram, land plats, waivers from offset operators, and a log of the well.

APPLICATION TO DOWN HOLE COMMINGLE ✓

Completion operations on the Johnston Federal #11Y were in progress from October 12, 1979 to December 14, 1979. Over \$110,000 has been spent on the completion attempt, for a total well cost to date of approximately \$210,000. Among some of our problems, we had to cement squeeze the upper Fruitland perforations to repair a channel that extended to the surface. After squeezing and additional stimulation, productivity is not as good as before, indicating unrepaired damage to the zone has occurred. While attempting to stimulate the Fruitland after the squeeze job, communication outside the pipe to the Pictured Cliffs was apparently initiated. The enclosed Packer Leakage Test verifies that the Fruitland and Pictured Cliffs zones are in communication. We have pulled our production tubing on two occasions but have found no leaks, thus indicating that the communication between zones is behind pipe. It is our contention that further cement squeezings would present an undue hardship not only because of the expense involved, but also because it undoubtedly would further damage the productivity of both zones and would result in ultimate loss of reserves. We therefore request approval to down hole commingle the Fruitland and Pictured Cliffs zones in this well. Waivers from the offset operators and a well bore diagram were included in Attachment II. Attachment III is a resubmittal of the Sundry Notice of Completion on the well which somewhat details our completion operations on the well.

Should any of our applications not qualify for administrative approval, please place the matter on the docket for hearing.

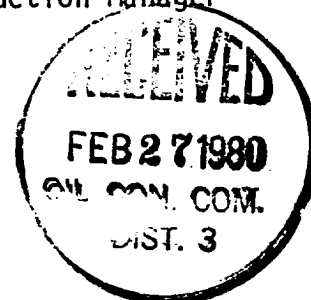
Yours very truly,

Donald B. Wells

DONALD B. WELLS
District Production Manager

DBW/jcn
Attach.

cc: New Mexico Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico 87410





Union Texas Petroleum Division
Suite 1010 Lincoln Tower
1860 Lincoln Street
Denver, Colorado 80295

January 14, 1980

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


RE: Union Texas Petroleum
Johnston Federal #11Y
SE SW Sec.7-T31N-R9W
San Juan County, N. Mexico

Gentlemen:

Please be advised that EL PASO NATURAL GAS CO. has no objections to Union Texas Petroleum's request to down hole commingle production from the Fruitland and Pictured Cliffs reservoirs in the captioned well.

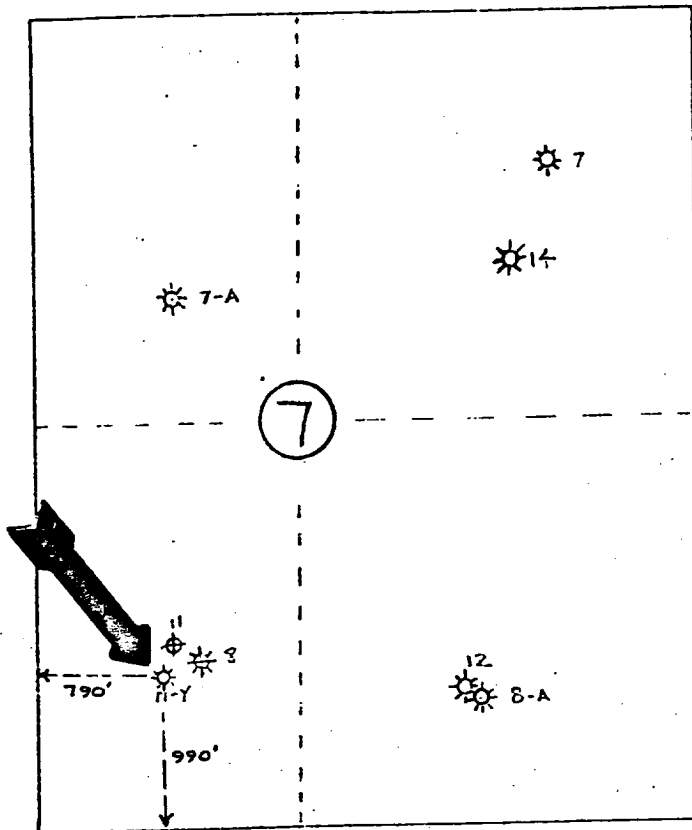

SIGNED

TITLE


DATE



JOHNSTON FEDERAL



UNION TEXAS PETROLEUM A DIVISION OF ALLIED CHEMICAL CORPORATION
WELL LOCATIONS
Section 7, T-31-N, R-9-W, N.M.P.M. San Juan County, New Mexico Scale: 4" = 1 mile DENVER



Union Texas Petroleum Division
Suite 1010 Lincoln Tower
1860 Lincoln Street
Denver, Colorado 80295


January 14, 1980

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

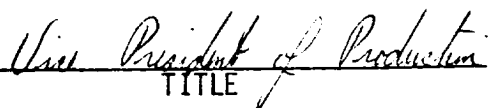
RE: Union Texas Petroleum
Johnston Federal #11Y
SE SW Sec.7-T31N-R9W
San Juan County, N. Mexico

Gentlemen:

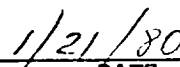
Please be advised that KOCH INDUSTRIES, INC. has no objections to Union Texas Petroleums request to down hole commingle production from the Fruitland and Pictured Cliffs reservoirs in the captioned well.



SIGNED



TITLE



DATE



26 EL PASO OPERATOR

(EL PASO)

SF078507

SF078509

SF079048

EL PASO

ALBQ. ASSOC

(ATLANTIC)

(PUB-
CO)

(TEX-
ACO)

E285

E3885

E5982

35

36

31

32

33

EL PASO
E3150
(CHEVRON)
B11177
STATE
E3150

ASSOC
EL PASO
B11177
STATE
E3150

(EL PASO)
E9150
(SO. UNION)
E3520
STATE

(ALBQ. ASSOC.)
(EL PASO)

BLANCETT

EL PASO
E3150
EL PASO
E5843
EL PASO
E285
EL PASO
B11124
STATE
E3150

(PETROFINA)
EL PASO

(EL PASO & FINA)
EL PASO

(FINA)
BLANCETT

(FINA)
BLANCETT

(PETROFINA)

(EL PASO)

JAN

EL PASO

UNION TEXAS
NM-52
41.66% HBP
1/8-5%
7-A

(EL PASO)

(EL PASO)

SF078389-A

SF078439

SF078438

SF080376

EL PASO

EL PASO

KOCH IND.

SF078316-B
(ATLANTIC)

SF078316-G
EL PASO

(ATLANTIC)

(ATLANTIC)

(KOCH IND.)
Koch O
013588-A

(EL PASO)

EL PASO

B10603

(EL PASO) (TEX-
ACO) EL PASO
E5167 E5382 E5167

TEXACO

EL PASO

B10938

TEXACO
E1195
STATE
E5167

EL PASO
10405
STATE
STATE
STATE
STATE

(ATLANTIC)
EL PASO

EL PASO

(TENNECO)
EL PASO

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EL PASO
013688
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-1619
LACKEY

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G-A

(ATLANTIC)
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EL PASO

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EL PASO

-947

KETTLER

MILLER

(TENNECO)
EL PASO

-1087

JAEQUEZ

EL PASO

(EL PASO)

016746

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYPERMIT IN TRIANGLE
(Other instructions on re-
verse side)Form approved
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SF-078439

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

JOHNSTON FEDERAL

9. WELL NO.

NO. 11Y

10. FIELD AND POOL, OR WILDCAT

BLANCO PICTURED CLIFFS

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

SEC. 7-T31N-R9W

12. COUNTY OR PARISH

SAN JUAN

13. STATE

NEW MEXICO

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—" for such proposals.)1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

UNION TEXAS PETROLEUM

3. ADDRESS OF OPERATOR

1860 Lincoln St., #1010, Denver, Colorado 80295

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

SE SW. (990' FSL & 790' FWL) SEC. 7-T31N-R9W

14. PERMIT NO.

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

6612' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

COMPLETION

(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 perti-
nent to this work.)

10/11 thru 10/15

1. MIRU pulling unit and install BOP
2. Perforate Pictured Cliffs formation with 35 holes as follows:
3433-3436; 3440-3442; 3447-3453; 3462-3470; 3476-3480; 3485-3491
3. Acidize Pictured Cliffs with 1500 gallons 7-1/2% HCL
4. Foam frac Pictured Cliffs with 96000# sand (75 quality foam)
5. Swab and flow Pictured Cliffs to clean up after frac

10/16 thru 10/22

6. Set retrievable bridge plug at 3420 to shut off Pictured Cliffs
7. Perforate Fruitland with 1 hole per foot as follows:
3275-3281; 3286-3289; 3292-3296; 3299-3304; 3334-3338; 3346-3352;
3356-3360; 3372-3378; 3383-3390; 3404-3412
8. Acidize Fruitland from 3334-3412 with 2500 gal. 15% HCL
9. Acidize Fruitland from 3275-3304 with 1500 gal. 15% HCL
10. Swab and flow test Fruitland to clean up zone
11. While circulating sand off bridge plug at 3420 noticed returns between
5-1/2" casing and 9-5/8" casing

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

SIGNED

DONALD B. WELLS

(This space for Federal or State office use)

TITLE DIST. PRODUCTION MGR.

DATE DECEMBER 11, 19

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

10/23 thru 10/27

12. Straddle Fruitland perfs from 3275 and 3304 and cement squeeze with 300 sacks of cement (had circulation to surface);
13. Squeeze Braiden head with 50 sx. cement;
14. Test squeeze to 1300# and held okay. Clean out to PBD of 3644'.

10/28 thru 11/11

15. Swab and flow test all zones. Hole still loading with water.

11/21 thru 11/26

16. Run packer to 3424' Flow test Pictured Cliffs out tubing and Fruitland out annulus.

11/27 thru 11/28

17. Straddle Fruitland perfs and acidize perfs (3334-3412) with 4000 gal. 15% HCL.

11/29 thru 12/4

18. Set model "F" production packer at 3420' string into packer with production equipment. Flow tests indicate communication between Fruitland and Pictured Cliffs.
19. Pull and check production string and found sleeve open. Replace and reran.
20. Pressure test indicate Fruitland perfs communicated with Pictured Cliffs - rate suggests only Pictured Cliffs open to production.
21. Shut well in for build up and potential test.
22. After potential test operator will apply for permission to down hole commingle.