

OIL CONSERVATION COMMISSION
By the DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE February 29, 1980

RE: Proposed MC _____
Proposed DHC x _____
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 #115, N-7-31N-9W
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 sac of
cement went in the primary cementing, if a CBT 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. Carey

RECEIVED
MAR 05 1980
OIL CONSERVATION DIVISION
SANTA FE



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

*NSP - 1184
 209.5 - acres
 Sec 7 lots 1, 2, 3, & 4
 and E/2 W/2
 Rule 104 D. II
 Immediate*

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 *for Fruitland*

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 plat of the well and proposed proration unit.

RECEIVED
 MAR 05 1980
 OIL CONSERVATION DIVISION
 SANTA FE

RECEIVED
 FEB 27 1980
 OIL CON. COM.
 DIST. 3

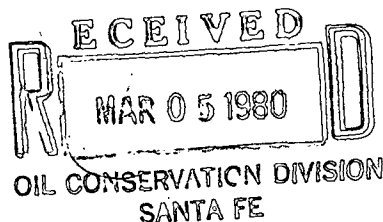
APPLICATION FOR MULTIPLE COMPLETION ✓

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.



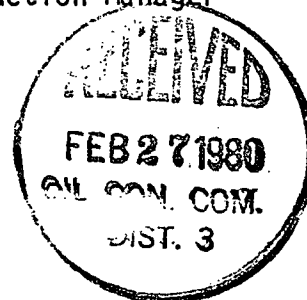
Yours very truly,

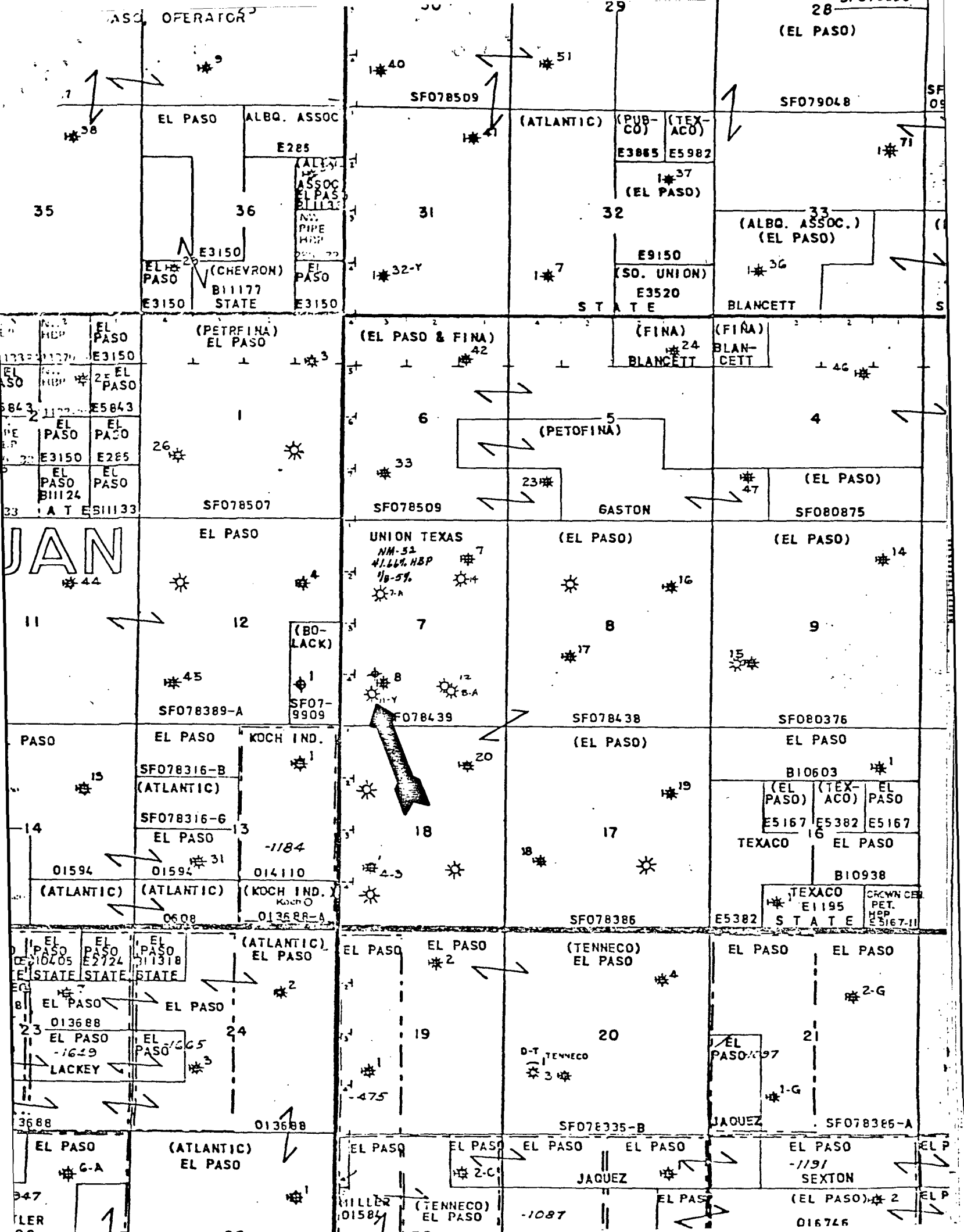
A handwritten signature in cursive script that reads "Donald B. Wells".

DONALD B. WELLS
District Production Manager

DBW/jcn
Attach.

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





PASS. OPERATOR

(EL PASO)

SF078509

SF079048

EL PASO

ALBQ. ASSOC

(ATLANTIC)

(PUB- CO)

(TEX- ACO)

E3885

E5982

E285

#37 (EL PASO)

35

36

31

32

(ALBQ. ASSOC.) (EL PASO)

E3150 (CHEVRON) B11177 STATE E3150

ASSOC EL PASO ALLEY NO. PIPE HRP

E9150 (SO. UNION) E3520 STATE

BLANCETT

(PETROFINA) EL PASO

(EL PASO & FINA)

(FINA)

(FINA)

EL PASO E3150 EL PASO E3150 E5843

EL PASO E285 EL PASO E3150 EL PASO B11124

STATE E31133

SF078507

SF078509

GASTON

SF080875

JAN #44

EL PASO

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

(EL PASO)

(EL PASO)

11

12

7

8

9

(BO-LACK)

#45 SF078389-A

#1 SF07-9909

SF078439

SF078438

SF080376

PASO

EL PASO

KOCH IND.

(EL PASO)

(EL PASO)

EL PASO

SF078316-B (ATLANTIC)

B10603

SF078316-G EL PASO

(EL PASO) (TEX- ACO) EL PASO

E5167 E5382 E5167

TEXACO

EL PASO

B10938

(ATLANTIC) (ATLANTIC)

(KOCH IND.)

SF078386

E5382

TEXACO

E1195

CROWN COR. PET. HRP

E5167-11

EL PASO EL PASO EL PASO E10405 E2724 E11318 STATE STATE STATE

EL PASO EL PASO EL PASO 013688 013688

EL PASO EL PASO EL PASO 013688 013688 LACKEY

(ATLANTIC) EL PASO

EL PASO

EL PASO #2

(TENNECO) EL PASO

EL PASO

EL PASO

EL PASO #6-A

(ATLANTIC) EL PASO

EL PASO

EL PASO #2-C

EL PASO

EL PASO

EL PASO

EL P

347

ELER

MILLER 01584

(TENNECO) EL PASO

-1087

EL PASO

(EL PASO) #2

EL P

016766



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

R 5777
78.0-15

Attachment I

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 for a non standard proration unit for the captioned well.

J. J. [Signature]

SIGNED

Vice President of Production

TITLE

1/21/80

DATE

RECEIVED
MAR 05 1980
OIL CONSERVATION DIVISION
SANTA FE

RECEIVED
FEB 27 1980
OIL CON. COM.
DIST. 3



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 Petroleums request for a non standard proration unit for the captioned well.

Carl E. Matthews
SIGNED

Regional Production Mgr.
TITLE

1/28/80
DATE

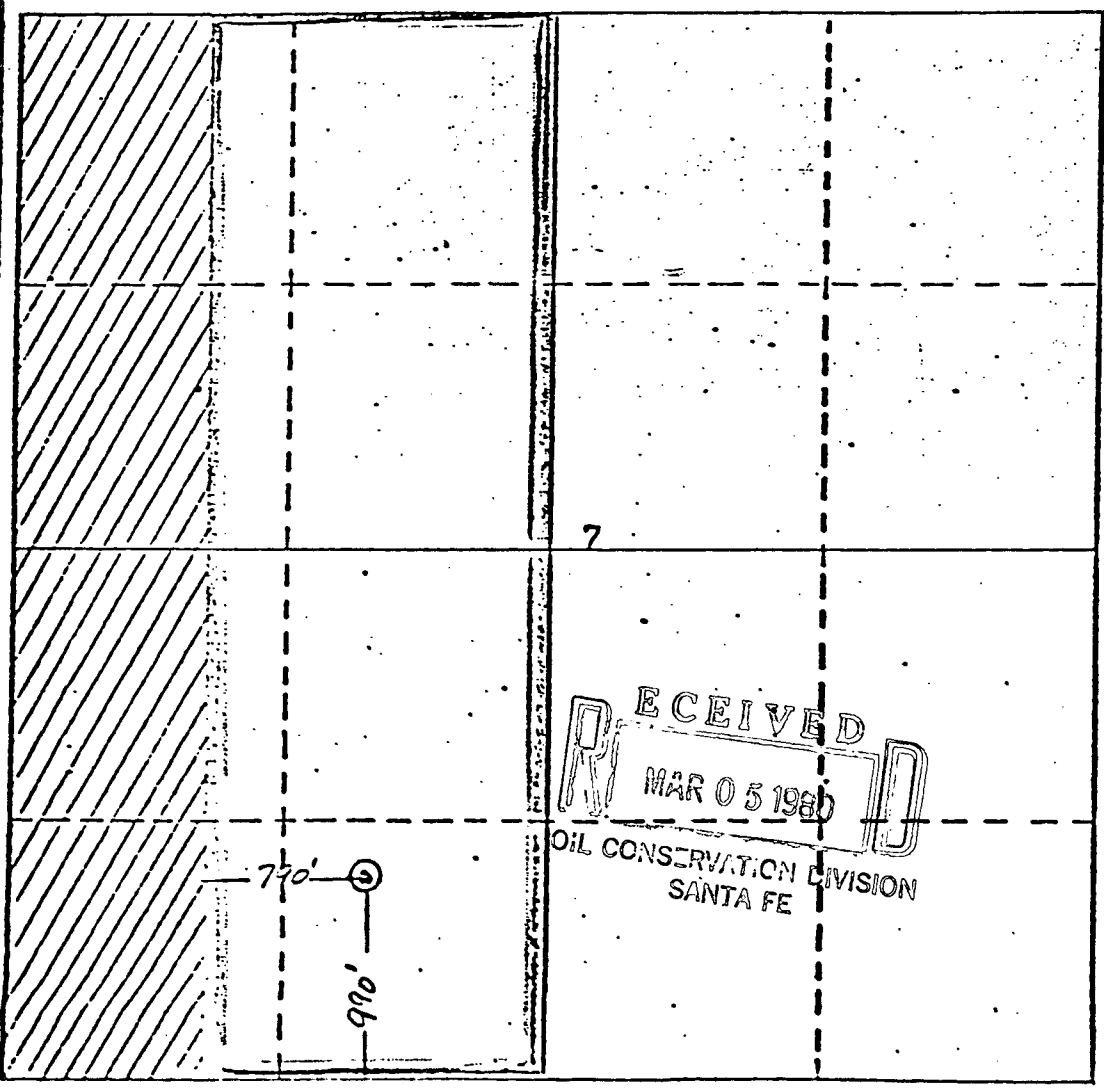


Operator UNION TEXAS PETROLEUM		Lease JOHNSTON FEDERAL		Well No. 11 Y
Unit Letter N	Section 7	Township 31 NORTH	Range 9 WEST	County SAN JUAN
Actual Footage Location of Well: 990 feet from the SOUTH line and 790 feet from the WEST line				
Ground Level Elev. 6512	Producing Formation PICTURE CLIFFS	Pool BLANCO PICTURED CLIFFS	Dedicated Acreage: 209.5 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?
 Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



RECEIVED
MAR 05 1980
OIL CONSERVATION DIVISION
SANTA FE

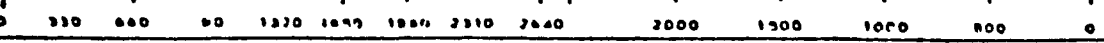
CERTIFICATION

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

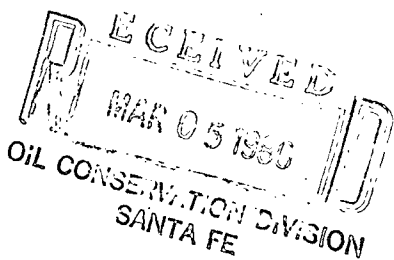
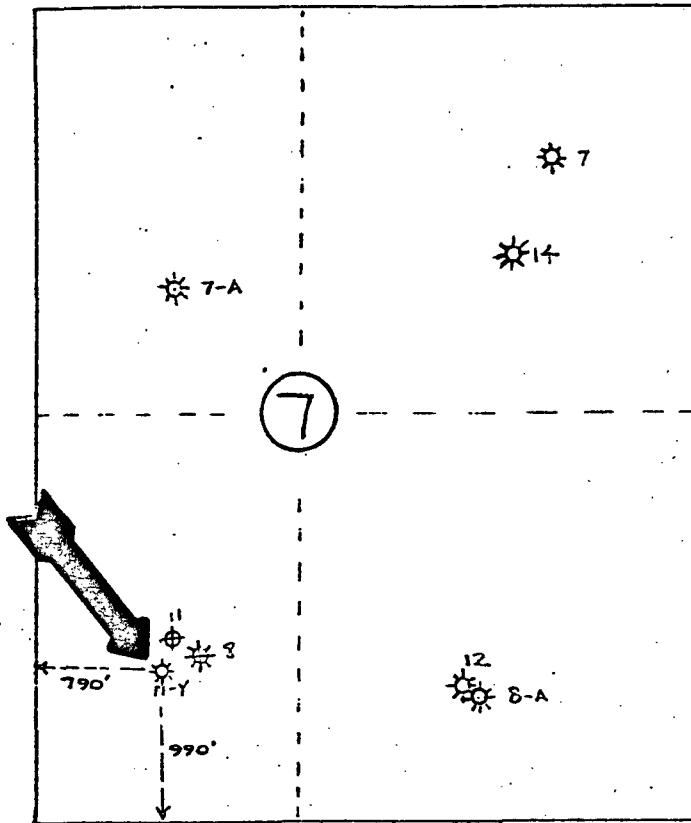
Name: *M. B. Kelly*
 Position: **DISTRICT PRODUCTION MGR**
 Company: **UNION TEXAS PETROLEUM**
 Date: **5-3-79**

I hereby certify that the location shown on this plat was plotted from field notes of actual survey made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.
NEB 27 1980
OIL CON. COM.

Date Survey: **DIST. 3**
24 January 1979
 Registered Professional Engineer and/or Land Surveyor
Michael D. Day
 Certificate No.: **5992**



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 80203



March 13, 1980

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. R. L. Stamets

Re: Johnston-Federal #11-Y
Section 7-T31N-R9W
San Juan County, New Mexico

Dear Mr. Stamets:

In accordance with your request dated March 7, 1980, and confirming our telephone conversation today, we are submitting a map with the name of "Bolack" removed, inasmuch as they are not an offset operator. The lease is a portion of the San Juan 32-9 unit, and is operated by the El Paso Natural Gas Company.

Should additional information be required, please notify this office.

Yours very truly,

A handwritten signature in cursive script that reads 'C. W. Claxton'.

C. W. CLAXTON
District Petroleum Engineer

Encl.
CWC:rw

20 EL PASO OPERATOR

(EL PASO)

SF078507

SF078509

SF079048

EL PASO ALBQ. ASSOC

(ATLANTIC) (PUB- CO) (TEX- ACO)

35

36

31

32

E3150 (CHEVRON) B11177 STATE E3150

E9150 (SO. UNION) E3520 STATE

(ALBQ. ASSOC.) (EL PASO) BLANCETT

EL PASO E3150
EL PASO E5843
EL PASO E285
EL PASO B11124
A T E B11133

(PETROFINA) EL PASO
SF078507

(EL PASO & FINA)
SF078509

(FINA) BLANCETT
GASTON

(FINA) BLANCETT
SF080875

JAN
SF078389-A

EL PASO
SF07-9909

UNION TEXAS
SF078439

(EL PASO)
SF078438

(EL PASO)
SF080376

EL PASO
SF078316-B
SF078316-G
EL PASO
(ATLANTIC)

EL PASO KOCH IND.
SF078316-B
SF078316-G
EL PASO
(ATLANTIC)

UNION TEXAS
SF078439

(EL PASO)
SF078386

(EL PASO)
B10603
TEXACO EL PASO
B10938
TEXACO STATE

EL PASO STATE
EL PASO LACKY

(ATLANTIC) EL PASO
EL PASO
EL PASO

EL PASO
EL PASO

(TENNECO) EL PASO
JAQUEZ

EL PASO
EL PASO
JAQUEZ
SF078365-A

EL PASO
NETTLER

(ATLANTIC) EL PASO

EL PASO
MILLER

EL PASO
JAQUEZ
EL PASO

EL PASO
SEXTON
EL PASO

OIL CONSERVATION COMMISSION
Alto DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE February 29, 1980

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

Gentlemen:

I have examined the application dated February 29, 1980
for the Union Texas Petroleum Johnston School #114, N-7-31N-9W
Operator Lease and Well No. Unit, S-T-R

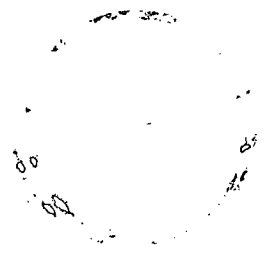
and my recommendations are as follows:

Approve after verification of Fruitland waivers.
Polack is shown as an affect but there is no waiver from him
or notice of mailing

Yours very truly,

Frank S. Dwyer

RECEIVED
MAR 05 1980
OIL CONSERVATION DIVISION
SANTA FE





STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

LARRY KEHOE
SECRETARY

March 7, 1980

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

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

Re: Application for Non-Standard
Proration Unit: Johnston Federal
Well No. 11Y, W/2 partial
Sec. 7, T-31-N, R-9-W, San Juan County

We may not process the subject application for a non-standard proration unit until the required information or plats checked below (is)(are) submitted.

- A plat must be submitted clearly showing the ownership of the offsetting leases.
- A statement must be submitted that offset owners have been notified of the application by certified mail.
- A plat must be submitted identifying the requested non-standard proration unit and offsetting acreage.
- The pool(s) or formation(s) for which the non-standard proration unit is requested must be identified.
- Other: Bolack is shown as an offset operator and there is neither a waiver nor a statement that he was notified of the application by certified mail.

Very truly yours,

R. L. STAMETS
Technical Support Chief

RLS/dr

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

PERMIT IN THIS STATE (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1424.

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 [X] 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, RT, CR, etc.) 6612' GR
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

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO: TEST WATER SHUT-OFF [] FULL OR ALTER CASING [] WATER SHUT-OFF [] REPAIRING WELL []
FRACTURE TREAT [] MULTIPLE COMPLETE [] FRACTURE TREATMENT [] ALTERING CASING []
SHOOT OR ACIDIZE [] ABANDON* [] SHOOTING OR ACIDIZING [] ABANDONMENT* []
REPAIR WELL [] CHANGE PLANS [] (Other) [] COMPLETION [X]
(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.)
10/11 thru 10/15
1. MIRU pulling out 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 TITLE DIST. PRODUCTION MGR. DATE DECEMBER 11, 19

APPROVED BY CONDITIONS OF APPROVAL, IF ANY. RECEIVED NOV 05 1980 OIL CONSERVATION DIVISION SANTA FE *See Instructions on Reverse Side

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 between and above plugs; amount, size, method of putting 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 at 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' setting 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 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 coming later.

2101

2101

