

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

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.)

OIL WELL ☒ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Union Texas Petroleum Corp.

3. ADDRESS OF OPERATOR

P.O. Box 2120 Houston, TX 77252-2120

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

940' FNL & 1100' FEL

14. PERMIT NO.

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

6663 GR

5. LEASE DESIGNATION AND SERIAL NO.

Contract 153

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla J

9. WELL NO.

25

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

Sec. 36, T26N-R5W, NM

12. COUNTY OR PARISH

13. STATE

Rio Arriba

NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

Commingled Permit

X

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 perti-  
nent to this work.)\*

We propose that the Gallup formation be perforated, fraced and commingled  
with MV & Dakota. Offset operators have been notified with copies attached.

RECEIVED  
MAR 26 1990  
OIL CON. DIV.  
DIST. 3

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

SIGNED

*[Signature]*

TITLE Regulatory Permit Coordinator

DATE 2/14/90

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

MAR 16 1990

AREA MANAGER

\*See Instructions on Reverse Side

# Memorandum



Union Texas Petroleum

RECEIVED

MAR 2 1990

Date: January 24, 1990  
To: S. J. Hunter  
From: P. M. Pippin  
Subject: Jicarilla J #25 MV/DK  
Proposed Capital New Zone Workover  
940' FNL, 1100' FEL; Sec. 36, T25N-R5W  
Rio Arriba County, New Mexico  
Jicarilla North Area

We propose that the Gallup formation be perforated, fraced, and its production commingled with the Mesaverde and Dakota in the subject dual Mesaverde/Dakota well.

We anticipate a total production increase of 150 MCF/D and 2 BOPD. The gas will be from the West Lindrith Gallup Dakota oil pool, thus classified as "casinghead gas" and dedicated to GCNM under Contract #4548. Since our July 17, 1989, agreement with the pipeline, we anticipate future pipeline curtailment to be negligible. The subject well may be commingled in the Mesaverde-Gallup-Dakota as per New Mexico State Order number R-7507. Economic calculations reflect a payout of the gross investment of \$150,820 in 2.7 years with an ROR of 69% and a P.I. of 5.2. Using a risk factor of 0.75, payout is 3.2 years with an ROR of 48% and a P.I. of 3.7.

The well was completed in January 1981 as a dual Mesaverde/Dakota well. The completion was in 4-1/2" casing with the Dakota (lower) zone being produced up 2-3/8" tubing and the Mesaverde produced up the annulus. A packer was utilized to segregate the two producing intervals. The Dakota has a cumulative of 459 MMCF and 3605 BO with a present capacity of 200 MCF/D and 2 BOPD.

Mesaverde wells completed in this fashion are generally poor performers because of fluid loading. Fluid loading of the Mesaverde completion results from the well being produced up the tubing-casing annulus. The produced fluids are not removed at lower gas velocities and accumulated in the casing. Back pressure increases as the fluid column increases, reducing flow which further aggravates the fluid loading and results in the Mesaverde completion being marginal. The Mesaverde in the subject well has a cumulative of only 32 MMCF.

Jicarilla J #23  
Page Two

In addition to more effective production of the Mesaverde, it is proposed to add a Gallup completion to this well. Very similar workovers have already been completed on two other Mesaverde/Dakota dual wells in the Jicarilla J lease. A workover was completed on Jicarilla J #12E (SWSW Sec. 35, T26N-R5W) in December, 1984, resulting in a net increase of 210 MCF/D and 4.5 BOPD. The workover on Jicarilla J #9E (NWNW Sec. 26, T26N-R5W) in November, 1986, resulted in a net increase of 90 MCF/D. See the attached production curves. Similar to this recommendation on the subject well, these two workovers opened the massive Gallup interval and commingled it with the Mesaverde and Dakota.

RECEIVED  
JAN 10 1987  
OIL & GAS  
DIVISION  
SALT LAKE CITY