



PHONE 505/393-3581

P. O. BOX 1161

611 W. SNYDER

HOBBS, NEW MEXICO 88240

ANALYSIS CERTIFICATE

CLIENT: JOHN WEST ENGINEERING ANALYSIS NUMBER: 3524
ADDRESS: 412 N DAL PASO DATE OF RUN: 6 13 84
CITY, STATE: HOBBS NM 88240 DATE SECURED: 6 12 84

SAMPLE IDENT: TXO PRODUCTION CO - M4 ES FEDERAL COM #5
SAMPLING PRESS: SAMPLING TEMP:

REMARKS: NM 01165, UNIT N S17 T20S R 29E
REMARKS: EDDY C, NEW MEXICO

***** GAS ANALYSIS *****

	MOLE PERCENT	GAL/ MCF
NITROGEN	0.311	
CARBON DIOXIDE	0.781	
METHANE	93.197	
ETHANE	3.926	1.047
PROPANE	1.262	2.191
ISO-BUTANE	0.166	2.054
NORMAL BUTANE	0.217	2.068
ISO-PENTANE	0.073	0.023
NORMAL PENTANE	0.047	0.017
HEXANES	0.220	0.090
TOTAL	100.000	1.595

PROPANE GPM: 0.29 BUTANES GPM: 0.11
ETHANE GPM: 1.05 PENTANES PLUS GPM: 3.13

SPECIFIC GRAV (CALC): 0.6056
MOLE WEIGHT: 17.54

HHV-BTU/CU FT	PRESSURE (PSIA)	WET	DRY
14.696		1047	1066
14.650		1044	1062
14.730		1049	1068
14.735		1050	1068

Deane Simpson

DEANE SJ 50M

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐ Corrected PBTD & Perfs

2. NAME OF OPERATOR
TXO Production Corp.

3. ADDRESS OF OPERATOR
900 Wilco Bldg., Midland, TX 79701

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 900 FSL & 1980 FWL
AT TOP PROD. INTERVAL: of sec 17
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐
☐
☒
☐
☐
☐
☐
☐

5. LEASE

NM 01165

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Yates Federal

9. WELL NO.

5

10. FIELD OR WILDCAT NAME

Burton Flat, East

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

Sec 17, T-20-S, K-29-E

12. COUNTY OR PARISH 13. STATE

Eddy

NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
3290 GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

10/31/83 SI WOPL. PBTD @ 11,588 producing perfs @ 11,475-11,500.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Donna C. Cude TITLE Engineer Asst. DATE 6/20/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



TONY ANAYA
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
ARTESIA DISTRICT OFFICE

June 19, 1984

P.O. DRAWER 00
ARTESIA, NEW MEXICO 88210
(505) 748-1283

TXO Production Corp.
900 Wilco Bldg.
Midland, Texas 79701

Re: Yates Federal
#5-N-17-20-29
E. Burton Flat Morrow Pool

Gentlemen:

Our records reflect confusion in your BIM 9-331 on the
PBTD, and ultimately the perforations.

The C-104 signed on March 16, 1984, by the Oil Conservation
Division, indicates perforations @ 11,600' to 11,712' and a
PBTD of 11,588'.

Please file an amended C-104 and 9-331 at your earliest
convenience.

Very truly yours,

Leslie A. Clements
Supervisor, District II

LAC/tmm

encl.