

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

2. NAME OF OPERATOR

Yates Petroleum Corporation

3. ADDRESS OF OPERATOR

207 South 4th St., Artesia, NM 88210

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 660' FSL & 660' FEL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) Production casing, perforate, treat

5. LEASE

NM 9539

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Williamson LC Federal

9. WELL NO.

2

10. FIELD OR WILDCAT NAME

Wildcat

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

Unit P, Sec. 9-T8S-R25E

12. COUNTY OR PARISH

Chaves

13. STATE

NM

14. API NO.

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

3650.4' GR

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

APR - 6 1981

OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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.)*

TD 4400' - Ran 109 joints of 5-1/2" 14# K-55 ST&C casing set at 4400'. 1-automatic fill shoe set at 4400'. Cemented w/35 sacks 75-25 Poz, .6% D-112, .3% D-65, 3# KCL. Tailed in w/260 sacks 50-50 Poz, .6% D-112, .3% D-65 & 3# KCL. PD 8:15 AM 2-8-81. Bumped plug to 500 psi, released pressure & float held okay. WOC. TD 4450'. Ran Temperature Survey & found top of cement at 2580'. PBTD 4392'. WIH w/casing gun on wireline & perforated 3920-30' w/20 .50" holes (2 spf). Frac'd perforations 3920-30' w/20000 gal 7 1/2% Spearhead acid w/gel 2% KCL water & 5000 gal CO2 & 40000# sd (35000# 20/40 sd & 5000 100 mesh). Gw' bed well. Set cement retainer at 3896'. Squeezed perfs 3920-30' to 3000 psi w/150 sacks of Class C, .3% CFR-2 & 3# KCL. Reversed out 19 sacks. TOOH w/cement retainer setting tool. Picked up bit, scrapper & drill collars. Drilled out cement retainer. TOOH. TIH w/Hydro-jet tool, sand jetted 2 holes at 3925'. TOOH w/sand jet tool. TIH w/RTTS set at 3896'. Swabbed dry. Broke formation w/250 gal 7 1/2% Morrowflow acid. Swabbed back load. Gas TSTM. Re-frac'd perforations 3925' w/20000 gal gel KCL water, CO2, RA sd & 50000# sd (10000# 100 mesh & 40000# 20/40 sd.) Swabbed back load. Set @ (cont'd) Ft.

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

SIGNED

Engineering Secretary

DATE 4-3-81

ACCEPTED FOR RECORD

PETER W. CHESTER

APPROVED BY
CONDITIONS OF

APPROVAL IF ANY

APR 6 1981

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

*See Instructions on Reverse Side

Cont'd - Williamson LC Federal No. 2 - NM-9539
Unit P, Sec. 9-T8S-R25E, Chaves County, NM

TD 4450'; PBTD 4392'. Loaded tubing & casing w/2% KCL water. TOOH & TIH w/ Guiberson Uni VI, 1.81" profile w/standing valve installed. Packer set at 3895 $\pm$. Loaded tubing w/2% KCL. Got off of on-off tool at 3895 $\pm$. WIH w/casing gun & perforated 3678-3806' w/8 .50" holes as follows: 3678, 86, 87, 89, 90, 3771, 94 & 3806'. TIH w/packer & RBP. Broke perforations. Set RBP at 3836' & packer at 3649'. Acidized perforations w/1500 gallons 7½% Spearhead acid, nitrogen & 10 ball sealers. TOOH w/packer & RBP. Sand frac'd perforations 3678-3806' w/20000 gallons gelled 2% KCL water, CO2, RA sand & 50000# sand (10000# 100 mesh & 40000# 20/40 sand). Swabbed well. Well cleaned up and stabilized at 65 psi on 1/2" choke = 450 mcf/d.

P. O. BOX 787
ARTESIA, NEW MEXICO 88210
Phone 746-3281



RECEIVED

FEB 16 1981

DANNY JACKSON

TEMPERATURE SURVEY

O. C. D.
ARTESIA, OFFICE

OPERATOR YATES PETROLEUM CORP
LEASE WILLIMSON "LC" FEDERAL
WELL NO. #2
POOL _____ FORMATION _____
DATE & TIME CEMENT JOB COMPLETED 2-8-81 0800 HOURS
DATE & TIME SURVEY MADE 2-9-81
SURVEY RUN BY BO FAULKENBERRY
DATUM SCE 9 T 8S R 25E
WELL DATA TOTAL DEPTH 4,392 FEET
CEMENT TOP 2,580 FEET

MEASURED FROM GROUND LEVEL

