

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

NM-13402

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Beard QQ Federal Co.

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat Abo

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

Unit M, Sec. 18-T7S-R26E

12. COUNTY OR PARISH

Chaves

13. STATE

NM

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 and in accordance with State requirements.
See also space 17 below.)
At surface

660' FNL & 660' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether Dr. etc.)

3636' 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) Production Casing

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)

Lost circulation at 3715'. TD 3844' - Drilled plug. Set a 90 sx Class C 4% CaCl plug at 3844' for lost circulation. PD 10:50 AM 4-7-81. Tagged cement at 3798' w/drillpipe. TD 3870'- WOC. Set 130 sx Class C 3% CaCl plug at 3870'. PD 12:20 AM 4-9-81. Drilled out at 2:30 PM 4-9-81. TD 4250'- Ran 102 joints of 4½" 9.5# J-55 ST&C casing set at 4250'. 1-diff fill shoe set at 4250'. Cemented in 2 stages as follows: 1st stage: 25 sxs 75-25 Poz, .6% D-112, .3% D-65 & 3# KCL/sack. 2nd stage: 420 sxs 50-50 Poz, .6% D-112, .3% D-65 & 3# KCL/sack. Compressive strength of cement - 500 psi in 12 hrs. PD 5:30 PM 4-13-81. Bumped plug to 1500 psi, released pressure & float held okay. WOC. Ran Temperature Survey & found top of cement at 3025'. PBTD 4209'. WIH w/Select Fire gun & perforated 3719-4194' w/16 .40" holes as follows: 3719, 20, 85, 87, 89, 90, 91, 3877, 78, 79, 4189, 90, 91, 92, 93 & 94'. Picked up 4½" Guiberson Uni Vi packer & 133 joints of 2-3/8" 4.7# J-55 tubing. Displaced tubing w/nitrogen & set packer at 4143'. Acidized perforations 4189-4194' w/1500 gal 7½% Moroflo acid & nitrogen. Flowed back & swabbed dry. Flowed stable on 1/2" choke at 75 psi = 551 mcfpd. Acidized perforations 3719-3879'. Spotted 3 bbls acid & broke individually. Set packer at 3664 & RBP at 3918. Acidized w/2000 gal 7½% Spearhead, nitrogen & 15 ball sealers. Sand frac'd perforations 3719-4194' w/40000 gals gel KCL water, 2 loads CO2 & 81000# 20/40 sd. Flowed & swabbed load back. Stabilized at 320 psi on 7/16" choke = 1574 mcf/d.

Note: TOOH w/packer & RBP before Sand Frac.

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

SIGNED

TITLE

ENGINEER SECRETARY

DATE

5-15-81

(This space for Federal Record)

ROGER A. CHAPMAN

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

MAY 18 1981

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO