

UNITED STATES
DEPARTMENT OF THE INTERIORS
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM-10588

RECEIVED

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

MAY - 5 1982

7. UNIT AGREEMENT NAME

O. C. D.

8. FARM OR LEASE NAME
ARTESIA, OFFICE
George QJ Federal

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Pecos Slope Abo

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

Unit C, Sec. 34-6S-25E

12. COUNTY OR
PARISH
Chaves13. STATE
NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ 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 any State requirements)*

At surface 660' FNL & 1980' FWL, Sec. 34-T6S-R25E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED

3-28-82

16. DATE T.D. REACHED

4-4-82

17. DATE COMPL. (Ready to prod.)

4-18-82

18. ELEVATIONS (CDP, RKB, RT, GR, ETC.)*

3746 4' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

4150'

21. PLUG, BACK T.D., MD & TVD

3980'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-4150'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

3708-3854' Abo

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/FDC; DLL

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|------------------|---------------|
| 13-3/8" | 48# | 814' | 17-1/2" | 4375 | |
| 8-5/8" | 24# | 1691' | 12-1/4" | 1000 | |
| 4-1/2" | 9.5# | 4052' | 7-7/8" | 550 | |

Posted ID
+ Comp. Book
4-30-82

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
| | | | | | 2-7/8" | 3663' | 3664' |

31. PERFORATION RECORD (Interval, size and number)

3708-3854' w/11 .40" holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 3708-3854' | w/1000 g. MOD 101 7½% acid. |
| | SF w/40000 g. gel 2% KCL wtr. |
| | 80000# 20/40 sd, 10000 g. CO2. |

33.* PRODUCTION

| | | | | | | | |
|-----------------------|-----------------|--|-------------------------|----------|------------|------------------------------------|---------------|
| DATE FIRST PRODUCTION | | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | | | | WELL STATUS (Producing or shut-in) | |
| 4-18-82 | | Flowing | | | | Producing | |
| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
| 4-18-82 | 6 | 3/4" | → | - | 175 | - | - |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | | |
| 35 | Packer | → | - | 700 | - | | |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented - Will be sold

35. LIST OF ATTACHMENTS

Deviation Survey

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED *Lynda D. Dutton*

TITLE Engineering Secretary

DATE 4-20-82

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 33.

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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

| 37. SUMMARY OF LOGS AND TESTS: | | | | 38. GEOLOGIC MARKERS | |
|---|-----|--------|-----------------------------|----------------------|-------------------------|
| SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION TEST, TIME TOOL OPEN, FLOWING AND SHUT-IN TESTS, CONCENTRATIONS, ETC. | | | | NAME | MEAS. DEPTH |
| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | | TOP FEET VERT. DEPTH |
| | | | | San Andres | 615 |
| | | | | Glorieta | 1464 |
| | | | | Fullerton | 2883 |
| | | | | Abo | 3555 |

WELL NAME AND NUMBER George QJ Federal #5

34-6-25

by Geo Petr. Corp

RECEIVED

DESERT DRILLING, INC.

P. O. Box 146

Hobbs, New Mexico 88240

MAY - 7 1982

O. C. D.

ARTESIA, OFFICE

INCLINATION RECORD

DEPTH

DEVIATION

548
814
1285
1691
2172
2670
3131
3625
4150

1½°
1°
1½°
1 3/4°
2°
1½°
1½°
1½°
2°

SIGNATURE Marsha Barkhurst

State of New Mexico
County of Lea

SWORN AND SUBSCRIBED TO BEFORE ME
BY Marsha Barkhurst

THIS 5th DAY OF May

1982.

Law M. S. Jones
NOTARY PUBLIC

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Artesia, NM 88210

C/SF
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' FNL & 1980' FWL, Sec. 34-6S-25E

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

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 4150'. Ran 100 joints 4-1/2" 9.5# J-55 casing set 4052'. 1-regular guide shoe set 4052'. Flapper float set 4000'. Cemented w/550 sacks 50/50 Poz with 2# KCL, .3% Halad 4 and .3% CFR-2. PD 8:30 PM 4-8-82. Bumped plug to 750 psi, released pressure and float held okay. WOC. WIH and perforated 3708-3854 w/11 .40" holes as follows: 3708-10' (3 holes); 3773-43' (2 holes); 3851-54' (6 holes). Acidized perforations 3708-3854 w/1000 gallons MOD 101 7-1/2% acid. Frac'd w/40000 gallons gelled 2% KCL water and 80000# 20/40 sand with 10000 gallons CO2. Well cleaned up and flowed 35 psi on 3/4" choke = 700 mcfpd.

Subsurface Safety Valve: Manu. and Type

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

SIGNED James H. Hollister TITLE Engineering Secty DATE 4-20-82

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

5. LEASE

NM-10588

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

George QJ Federal

9. WELL NO.

5

10. FIELD OR WILDCAT NAME

Pecos Slope Abo

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

Unit C, Sec. 34-6S-25E

12. COUNTY OR PARISH

Chaves

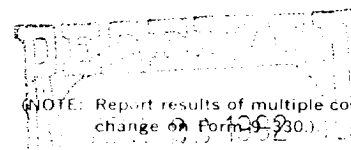
13. STATE

NM

14. API NO.

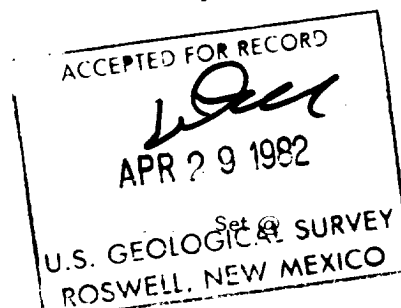
15. ELEVATIONS (SHOW DF, KDB, AND WD)

3746.4' GR



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

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO



Ft.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

C/SF

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' FNL & 1980' FWL, Sec. 34-6S-25E

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

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 4150'. Ran 100 joints 4-1/2" 9.5# J-55 casing set 4052'. 1-regular guide shoe set 4052'. Flapper float set 4000'. Cemented w/550 sacks 50/50 Poz with 2# KCL, .3% Halad 4 and .3% CFR-2. PD 8:30 PM 4-8-82. Bumped plug to 750 psi, released pressure and float held okay. WOC. WIH and perforated 3708-3854 w/11 .40" holes as follows: 3708-10' (3 holes); 3773-43' (2 holes); 3851-54' (6 holes). Acidized perforations 3708-3854 w/1000 gallons MOD 101 7-1/2% acid. Frac'd w/40000 gallons gelled 2% KCL water and 80000# 20/40 sand with 10000 gallons CO2. Well cleaned up and flowed 35 psi on 3/4" choke = 700 mcfpd.

Subsurface Safety Valve: Manu. and Type

Set @ Ft.

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

SIGNED James L. Doolittle TITLE Engineering Secty DATE 4-20-82

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

5. LEASE

NM-10588

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

RECEIVED

7. UNIT AGREEMENT NAME

APR 21 1982

8. FARM OR LEASE NAME

George QJ Federal

O. C. D.
ARTESIA, OFFICE

9. WELL NO.

5

10. FIELD OR WILDCAT NAME

Pecos Slope Abo

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

Unit C, Sec. 34-6S-25E

12. COUNTY OR PARISH

Chaves

13. STATE

NM

14. API NO.

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

3746.4' GR

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

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NM OIL CONS. COMMISSION
SUBMIT IN TRIPPLICATE
Artesia, NM 88210

Form approved.
Budget Bureau No. 42-R1424.
RECEIVED
MAY - 3 1982

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> | | 7. UNIT AGREEMENT NAME O. C. D. | |
| 2. NAME OF OPERATOR Yates Petroleum Corporation | | 8. FARM OR LEASE NAME George QJ Federal | |
| 3. ADDRESS OF OPERATOR 207 South 4th St., Artesia, NM 88210 | | 9. WELL NO. 5 | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FNL & 1980' FWL, Sec. 34-T6S-R25E | | 10. FIELD AND POOL, OR WILDCAT Pecos Slope Abo | |
| 14. PERMIT NO. | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Unit C, Sec. 34-6S-25E | |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3746.4' GR | | 12. COUNTY OR PARISH Chaves | |
| | | 13. STATE NM | |

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

NOTICE OF INTENTION TO:

| | |
|--|---|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> |
| (Other) <input type="checkbox"/> | |

SUBSEQUENT REPORT OF:

| | |
|--|--|
| WATER SHUT-OFF <input checked="" type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| (Other) <input type="checkbox"/> | |

(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.)

Spudded a 17-1/2" hole at 5:00 PM 3-28-82. Ran 19 joints of 13-3/4" 48# ST&C casing set at 314'. 1-Texas Pattern guide shoe at 814'. Insert float at 775'. Cemented w/750 sx Howco Thickset, 1/4# flocele, 2% CaCl₂, 2500 sx Howco Lite, 1/4# flocele & 2% CaCl₂. Tailed in w/250 sx Howco "C" 2% CaCl₂. PD 10:30 PM 3-29-82. Bumped plug to 750 psi, released pressure & float held okay. Cement did not circulate. WOC 6 hrs. Ran Temperature Survey & found top of cement 471'. Ran 1". Tagged cement at 440'. Spotted 200 sx Class "C" w/4% CaCl w/300 gallons Howco Flowcheck ahead of cement. PD 8:00 AM 3-30-82. WOC 2-1/2 hrs. Ran 1". Tagged cement at 360'. Spotted 500 sx Class "C" w/4% CaCl₂ w/300 gallons Howco Flowcheck ahead of cement. PD 11:00 AM 3-30-82. WOC 3-1/2 hrs. Circulated cement to surface but cement fell back to 100'. Ran 1". Tagged cement at 100'. Spotted 175 sx Class "C" 4% CaCl₂ w/300 gallons Flowcheck ahead of cement. PD 8:00 PM 3-30-82. Circulated 50 sx cement. WOC. Drilled out 4:00 AM 3-31-82. WOC 29 hours & 30 minutes. NU & tested to 1000 psi okay. Reduced hole to 12-1/4". Drilled plug & resumed drilling. Ran 42 joints of 8-5/8" 24# J-55 casing set at 1691'. Insert float at 1651'. Cemented w/750 sx Halliburton Lite w/1/4# flocele, 2% CaCl & 250 sx Class "C" w/2% CaCl. PD 3:30 AM 4-2-82. Bumped plug to 750 psi, released pressure & float held okay. Cement did not circulate. WOC. Drilled out 9:30 PM 4-2-82. WOC 18 hrs.

ACCEPTED FOR RECORD

APR 9 1982

U.S. GEOLOGICAL SURVEY
ROS WEL, NEW MEXICO
DATE 4-9-82

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

SIGNED *James A. G. [Signature]*

TITLE **Engineering Secretary**

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____