NM OIL CONS. COMMISSION
Drawer DD
Artesia, NM 88210

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED
JUN 4 1982
O. C. D.
ARTESIA, OFFICE

(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: 1980 FSL & FWL, Sec. 27-6S-25E
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
NM 14755

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Powers OL Federal

9. WELL NO.
6

10. FIELD OR WILDCAT NAME
Pecos Slope Abo

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Unit K, Sec. 27-T6S-R25E

12. COUNTY OR PARISH
Chaves

13. STATE
NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
3770.7' GR

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) Surface & Intermediate Casing		

MAY 25 1982
OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

(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.)*

Spudded a 14-3/4" hole 5:30 PM 4-18-82. Drl'd to TD of 985'. Lost circulation at 818'. Attempted to run casing to TD, but could not. Ran 22 joints of 10-3/4" 40.5# casing set 870'. 1-Texas Pattern guide shoe at 870'. Insert float at 846'. Cemented w/150 sacks Thixolite, 1/2#/sack celloseal, 1#/sack Permacheck, 350 sacks Pacesetter Lite and 3% $CaCl_2$ Tailed in w/300 sacks Class "C" 2% $CaCl_2$. Compressive strength of cement - 1250 psi in 12 hrs. PD 5:30 AM 4-21-82. Bumped plug to 800 psi, released pressure and float held okay. Cement did not circulate. WOC 6 hrs. Ran Temperature Survey and found top of cement at 810'. Ran 1". Tagged cement at 515'. Spotted 50 sacks Thixolite 3% $CaCl_2$, 2# Permacheck, 1# celloseal. PD 12:01 AM 4-22-82. WOC 2 hrs. Ran 1". Tagged cement at 457'. Spotted 100 sacks Class "C" 2% CaCl. PD 2:40 AM 4-22-82. WOC 4 hrs. Ran 1". Tagged cement at 457'. Spotted 50 sacks Thixolite 3% $CaCl_2$, 2# Permacheck and 1# celloseal. PD 7:15 AM 4-22-82. WOC 2 hrs. Ran 1". Tagged cement at 297'. Spotted 200 sacks Class "C" 3% $CaCl_2$. PD 9:45 AM 4-22-82. WOC 5-1/2 hrs. Ran 1". Tagged cement at 145'.

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

ACCEPTED FOR RECORD
JUN 3 1982
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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

SIGNED [signature] TITLE Engineering Secty. DATE 5-21-82

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

Spotted 25 sacks Class "C" 3% $CaCl_2$ and 25 sacks Thixolite 3% $CaCl_2$ and 2# Permacheck and 1# celloseal. PD 3:45 PM 4-22-82. WOC 1 hour. Ran 1". Tagged cement at 90'. Spotted 50 sacks Class "C" 2% $CaCl_2$. PD 5:15 PM 4-22-82. WOC 2-1/2 hours. Ran 1". Tagged cement at 56'. Spotted 50 sacks Thixolite, 3% $CaCl_2$, 2# Permacheck and 1# celloseal and 50 sacks Class "C" 3% $CaCl_2$. PD 8:15 PM 4-22-82. Bumped plug to 900 psi, released pressure and float held okay. Cement circulated 25 sacks to pit. WOC. Drilled out 4:15 AM 42-23-82. WOC 46 hours and 45 minutes. Nippled up and tested to 1000 psi, okay. Reduced hole to 9-7/8". Drilled plug and resumed drilling. Ran 25 joints of 8-5/8" 24# casing set 995'. 1-Texas Pattern guide shoe set 995'. Did not use a float. Cemented w/200 sacks Thixolite, 1/2#/sack Permacheck, 1/4# celloseal and 400 sacks Pacesetter Lite, 3% $CaCl_2$. Tailed in w/400 sacks Class "C" 2% $CaCl_2$ Compressive strength of cement - 1250 psi in 12 hours. Cement circulated 30 sacks. PD 1:45 PM 5-13-82. Bumped plug to 750 psi, released pressure and float held okay. WOC.

WIH and perforated 4 .25" hole at 830'. Squeezed perforations in 4 stages as follows: Stage 1: 500 sacks Class "C" Neat. PD 5:30 PM 5-14-82. Stage 2: 300 sacks Class "C" Neat. PD 3:00 AM 5-15-82. Stage 3: 300 sacks Class "C" Neat. PD 6:00 AM 5-15-82. Stage 4: 100 sacks Class "H" and 12% Thixaide. PD 7:00 PM 5-15-82. Cement circulated. WOC. Drilled out 4:00 AM 5-16-82. WOC 62 hours and 45 minutes. NU and tested to 1000 psi, okay. Reduced hole to 7-7/8". Drilled plug and resumed drilling. Drilled out and lost returns. Set lost circulation plugs as follows:

Plug #1: 150 sacks Thixolite, 2#/sack Permacheck and 1/2# sack celloseal. Tailed in with 100 sacks Class "C" 2% CaCl. Set plug 994'. PD 2:04 PM 5-16-82. WOC 12-1/2 hrs.

Plug #2: 25 sacks Thixoment and 25 sacks Class "C" 3% CaCl2. Plug set at 1062'. PD 2:16 AM 5-17-82. Pulled 1 joint. Waited 20 minutes.

Plug #3: 25 sacks Thixoment and 25 sacks Class "C" 3% CaCl. Plug set 1032'. PD 3:20 AM 5-17-82. Pulled 1 joint. Waited 20 minutes.

Plug #4: 25 sacks Thixoment and 25 sacks Class "C" 3% $CaCl_2$. Plug set 1002'. PD 3:50 AM 5-17-82. COOH w/drill pipe. WOC 4 hours.

Plug #5: 35 sacks Thixoment and 35 sacks Class "C" 3% CaCl2. Plug set 1057'. PD 8:55 AM 5-17-82. Pulled 2 stands. Waited 20 minutes.

Plug #6: 35 sacks Thixoment and 35 sacks Class "C" 3% CaCl2. Plug set at 922'. PD 9:30 AM 5-17-82. COOH. WOC 4 hours.

Ran 37 joints of 7" 20# K-55 casing set 1575'. 1-Texas Pattern notched guide shoe at 1575'. Insert float at 1528'. Cemented w/50 sacks Class "C" 2% $CaCl_2$. Compressive strength of cement - 1250 psi in 12 hours. PD 12:30 AM 5-20-82. Cement did not circulate. Ran Temperature Survey and found top of cement at 820' WOC. Drilled out 11:30 PM 5-20-82. WOC 23 hours. NU and tested to 1000 psi, okay. Reduced hole to 6-1/4". Drilled plug and resumed drilling.

Engineering Secretary Juanita Goodlett Date 5-21-82