

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPL

N.M. OIL CONS. COMMISSION

2. BOX 1887  
HOBBS, NEW MEXICO 88241  
approved.  
Budget Bureau No. 1004-0137  
S. 1004-0137  
(See instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

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

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR  
YATES PETROLEUM CORPORATION (505) 748-1471

3. ADDRESS OF OPERATOR  
105 South 4th St., Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 330' FNL & 1650' FBL (Unit B, NWNE)

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED  
API 30-025-33370

5. LEASE DESIGNATION AND SERIAL NO.

NM-81274

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Thyme APY Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Red Tank Bone Springs

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

Section 1-T23S-R32E

12. COUNTY OR PARISH  
Lea

13. STATE  
NM

15. DATE SPUDDED RH 4-9-96 RT 4-10-96 16. DATE T.D. REACHED 4-30-96 17. DATE COMPL. (Ready to prod.) 5-11-96 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 3752' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 10250' 21. PLUG, BACK T.D., MD & TVD 9950' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY 40-10250' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 8966-9008' Bone Springs 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/LDC & DLL 27. WAS WELL CORRED No

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD    | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|---------------------|---------------|
| 20"         |                 | 40'            | 26"       | Cement to surface   |               |
| 11-3/4"     | 42#             | 1165'          | 14-3/4"   | 750 sx - circulate  |               |
| 8-5/8"      | 32#             | 4790'          | 11"       | 1175 sx - circulate |               |
| 5-1/2"      | 17# & 15.5#     | 10250'         | 7-7/8"    | 1075 sx             |               |

29. LINER RECORD 30. TUBING RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2-7/8" | 8598'          |                 |

31. PERFORATION RECORD (Interval, size and number)

10029-10071' w/20 .42" holes  
8966-9008' w/24 .42" holes

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

SEE ATTACHED SHEET

33. PRODUCTION

DATE FIRST PRODUCTION 5-11-96 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in)

DATE OF TEST Swab Test 5-12-96 HOURS TESTED 24 CHOKE SIZE PROD'N. FOR TEST PERIOD 9 OIL—BBL. GAS—MCF. TSTM 75 WATER—BBL. GAS-OIL RATIO

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE 9 OIL—BBL. GAS—MCF. TSTM 75 WATER—BBL. OIL GRAVITY-API (CORR.) N/A

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Will be sold if rate comes up TEST WITNESSED BY T. R. Wofford

35. LIST OF ATTACHMENTS Drill Stem Test, Deviation Survey & Logs

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

SIGNED Rusty Klein TITLE Operations Technician DATE May 23, 1996

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME                                                                                                     | TOP                                                         |                  |
|-----------|-----|--------|-----------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|------------------|
|           |     |        |                             |                                                                                                          | MEAS. DEPTH                                                 | TRUE VERT. DEPTH |
|           |     |        |                             | Rustler<br>Salt<br>Base of Salt<br>Delaware<br>Cherry Canyon<br>Bone Springs<br>1st Bone Springs<br>Sand | 1260'<br>1295'<br>4680'<br>4970'<br>5990'<br>8825'<br>9990' |                  |

38. GEOLOGIC MARKERS

YATES PETROLEUM CORPORATION  
Thyme APY Federal #1  
Section 1-T23S-R32E  
Lea County, New Mexico

## TIGHT HOLE

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

### DEPTH INTERVAL

### TREATMENT

10029-10071'

Acidized with 2000 gallons 10% double inhibited  
iron control HCL acid and ball sealers

8966-9008'

Acidized with 2200 gallons 10% iron control HCL  
acid. Frac'd with 90000 gallons hyborgel, 196000#  
20-40 white sand and 48000# super DC sand

YATES PETROLEUM CORPORATION  
Thyme APY Federal #1  
Section 1-T23S-R32E  
Lea County, New Mexico

**TIGHT HOLE**

RESULTS OF DRILL STEM TEST:

DST #1 8580-8614': TIMES: TO 20"; SI 60"; TO 60"; SI 120"; TO 60". RECOVERY:  
30' of rathole mud. SAMPLER: 2600 cc mud. PRESSURES: IHP 4005; IFP 60-60;  
ISIP 60; 2nd FP 60-60; 2nd SIP 91; FFP 60-60; FHP 4005

Yates Petroleum Corp.  
Thyme APY Fed. #1  
Lea County, NM

STATE OF NEW MEXICO  
DEVIATION REPORT

|        |       |
|--------|-------|
| 235    | 1/2   |
| 507    | 1/2   |
| 754    | 1/4   |
| 984    | 3/4   |
| 1,227  | 1-1/4 |
| 1,673  | 3/4   |
| 2,111  | 3/4   |
| 2,605  | 3/4   |
| 3,070  | 3/4   |
| 3,510  | 3/4   |
| 3,725  | 3/4   |
| 4,007  | 1/2   |
| 4,194  | 1/2   |
| 4,691  | 2-3/4 |
| 4,935  | 1-3/4 |
| 5,323  | 1-1/4 |
| 5,811  | 3/4   |
| 6,311  | 3/4   |
| 6,779  | 3/4   |
| 7,223  | 3/4   |
| 7,665  | 3/4   |
| 8,161  | 3/4   |
| 8,614  | 1     |
| 9,060  | 1     |
| 9,525  | 1     |
| 9,983  | 3/4   |
| 10,250 | 2     |

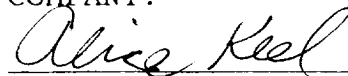


By: Ray Peterson

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me  
this 6th day of May, 1996, by RAY PETERSON  
on behalf of PETERSON DRILLING COMPANY.



Notary Public for Midland  
County, Texas

My Commission Expires: 8/2/96

