

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DU DATE\*  
(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.  
NM-11799  
8. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

9. FARM OR LEASE NAME  
Hahn NH Federal

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Abo ~~Wildcat~~

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Section 9-7S-25E  
Unit I NMPM

12. COUNTY OR PARISH  
Chaves  
13. STATE  
NM

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 Street - Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1980' FSL & 660' FEL of Sec. 9-7S-25E  
At top prod. interval reported below  
At total depth

14. PERMIT NO.  
DATE ISSUED

15. DATE SPUDDED 5-23-80  
16. DATE T.D. REACHED 6-12-80  
17. DATE COMPL. (Ready to prod.) 6-27-80  
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 3865' GR  
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5200'  
21. PLUG BACK T.D., MD & TVD 5078'  
22. IF MULTIPLE COMPL., HOW MANY\*  
23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS  
5200'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
4024-4030' Abo  
25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DLL/MLL & CN/CDL/GR  
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#             | 368'           | 17 1/2"   | 400 sacks        |               |
| 8-5/8"                                             | 24#             | 1600'          | 12 1/4"   | 900 sacks        |               |
| 5 1/2"                                             | 14#             | 5078'          | 7-7/8"    | 615 sacks        |               |

| 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"            | 3970'          | 3970'           |

| 31. PERFORATION RECORD (Interval, size and number) |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                                                  |
|----------------------------------------------------|--|------------------------------------------------|------------------------------------------------------------------|
| 4024-4030' w/12 .50" holes (2spf)                  |  | DEPTH INTERVAL (MD)                            | AMOUNT AND KIND OF MATERIAL USED                                 |
|                                                    |  | 4024-4030'                                     | 1500 gal 10% Maroflo & nitrogen. SF w/20000g Titan II-30 & CO-2. |
|                                                    |  |                                                | 50000# sand.                                                     |

| 33. PRODUCTION        |                 |                                                                      |                         |          |            |                                    |               |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|------------------------------------|---------------|
| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            | WELL STATUS (Producing or shut-in) |               |
| 6-27-80               |                 | Flowing                                                              |                         |          |            | SIWOPLC                            |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 6-27-80               | 3               | 1/2"                                                                 |                         |          | 346 130    |                                    |               |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)            |               |
| 160#                  | Pkr             |                                                                      |                         | 1038     |            |                                    |               |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Vented will be sold  
TEST WITNESSED BY  
Bill Hansen

35. LIST OF ATTACHMENTS  
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.  
SIGNED: [Signature] TITLE: Geol. Secty. DATE: 7-5-80  
SEP 17 1980

U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO  
(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 35.

**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: "Seals 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 POROUS ZONES:<br>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 |     | 38. GEOLOGIC MARKERS |                             |            |             |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------|-----------------------------|------------|-------------|------------------|
| FORMATION                                                                                                                                                                                                                                          | TOP | BOTTOM               | DESCRIPTION, CONTENTS, ETC. | NAME       | MEAS. DEPTH | TRUE VERT. DEPTH |
|                                                                                                                                                                                                                                                    |     |                      |                             | San Andres | 504'        |                  |
|                                                                                                                                                                                                                                                    |     |                      |                             | Glorieta   | 1566'       |                  |
|                                                                                                                                                                                                                                                    |     |                      |                             | Abo        | 3647'       |                  |
|                                                                                                                                                                                                                                                    |     |                      |                             | Wolfcamp   | 4421'       |                  |
|                                                                                                                                                                                                                                                    |     |                      |                             | Penn.      | 4749'       |                  |

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

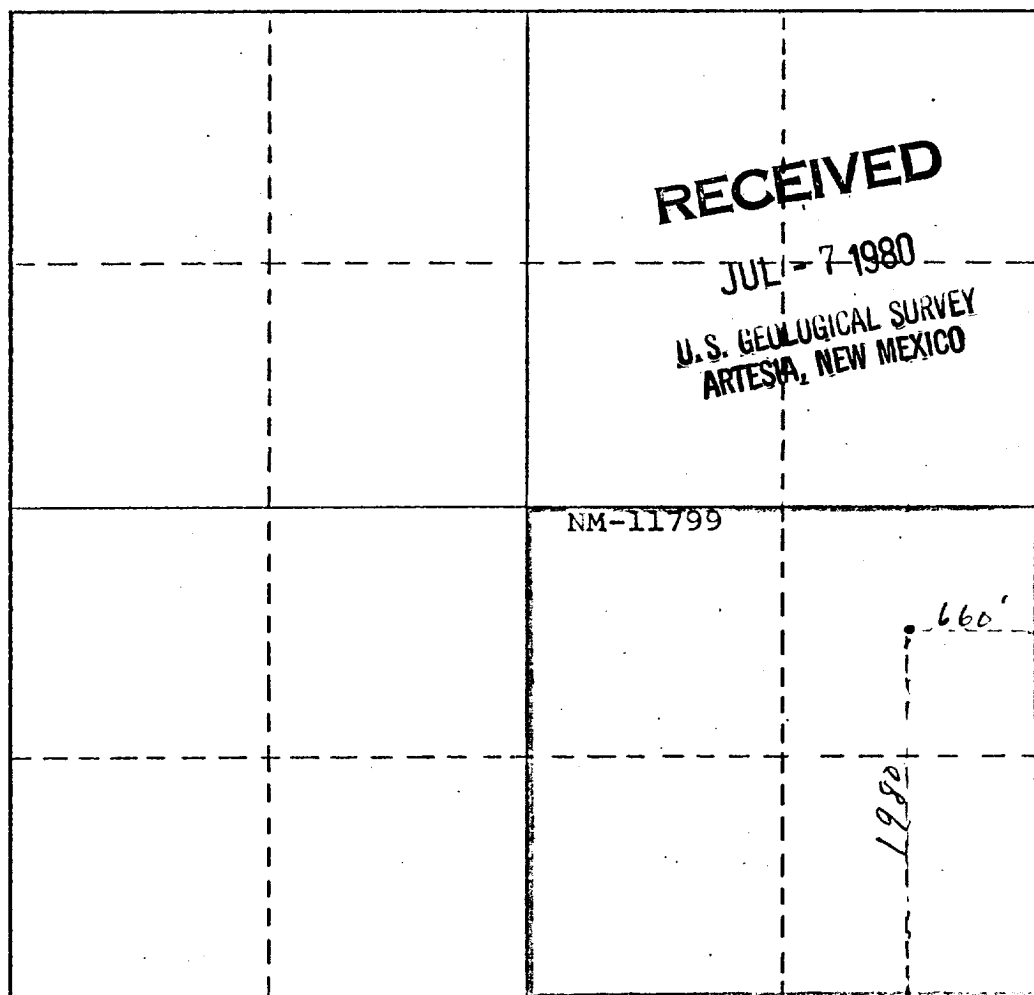
|                                                                                                                               |                                   |                            |                                               |                                        |                      |
|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------------------------|-----------------------------------------------|----------------------------------------|----------------------|
| Operator<br><b>Yates Petroleum Corporation</b>                                                                                |                                   |                            | Lease<br><b>Hahn "NH" Federal</b>             |                                        | Well No.<br><b>1</b> |
| Unit Letter<br><b>I</b>                                                                                                       | Section<br><b>9</b>               | Township<br><b>7 South</b> | Range<br><b>25 East</b>                       | County<br><b>Chaves</b>                |                      |
| Actual Footage Location of Well:<br><b>1980</b> feet from the <b>South</b> line and <b>660</b> feet from the <b>East</b> line |                                   |                            |                                               |                                        |                      |
| Ground Level Elev.<br><b>3865'</b>                                                                                            | Producing Formation<br><b>Abo</b> |                            | Pool<br><b>Ind. Abo</b><br><del>Wildcat</del> | Dedicated Acreage:<br><b>160</b> Acres |                      |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Christine Tomlinson*  
Name

Christine Tomlinson

Position  
Geol. Secty

Company  
Yates Petroleum Corp.

Date  
7-5-80

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Refer to original plat

Date Surveyed  
Dated 2-23-80

Registered Professional Engineer  
and/or Land Surveyor

Certificate No.

# INCLINATION REPORT

**OPERATOR** Yates Pet. Corp. **ADDRESS** 207 S. 4th Street, Artesia, N.M. 88210  
**LEASE NAME** Hahn "NH" Fed. # 1 **WELL NO.** 1 **FIELD** \_\_\_\_\_  
**LOCATION** 1980' FSL, 660' FEL, Sec. 9; T-7S, R-25 E, Chaves Co., New Mexico

| DEPTH | ANGLE<br>INCLINATION DEGREES | DISPLACEMENT | DISPLACEMENT<br>ACCUMULATED |
|-------|------------------------------|--------------|-----------------------------|
| 368   | 1/2                          | 3.2016       | 3.2016                      |
| 860   | 1 1/4                        | 10.7256      | 13.9272                     |
| 1310  | 1                            | 7.8750       | 21.8022                     |
| 1600  | 3/4                          | 3.7990       | 25.6012                     |
| 2045  | 1                            | 7.7875       | 33.3887                     |
| 5200  | 6 1/4                        | 343.5795     | 376.9682                    |

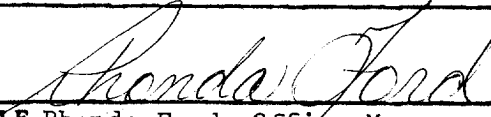
RECEIVED

JUL 7 1980

C. C. D.  
ARTESIA, OFFICE

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

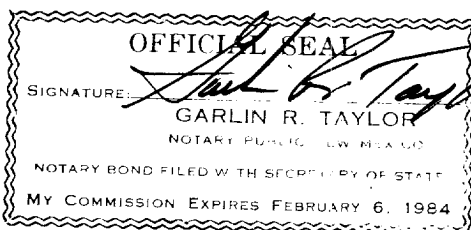
  
**TITLE** Rhonda Ford, Office Manager

**AFFIDAVIT:**

Before me, the undersigned authority, appeared Rhonda Ford known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

  
**AFFIANT'S SIGNATURE**

Sworn and subscribed to in my presence on this the 19th day of June, 1980



SEAL

**Notary Public in and for the County  
of Lea, State of New Mexico**