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NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

MAY 23 1977

5a. Indicate Type of Lease  
State ☐ Fee ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name  
Stark "BG"

9. Well No.  
2

10. Field and Pool, or Wildcat  
Penasco Draw (S.A.)

Bureau of Mines

1a. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ DRY ☐ O.C.C. ARTESIA, OFFICE

b. TYPE OF COMPLETION  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator  
Yates Petroleum Corporation

3. Address of Operator  
207 South Fourth Street - Artesia, NM 88210

4. Location of Well  
UNIT LETTER D LOCATED 990 FEET FROM THE North LINE AND 990 FEET FROM

THE West LINE OF SEC. 25 TWP. 18S RGE. 25E NMPM

|                             |                                 |                                             |                                                    |                      |
|-----------------------------|---------------------------------|---------------------------------------------|----------------------------------------------------|----------------------|
| 15. Date Spudded<br>4-29-77 | 16. Date T.D. Reached<br>5-5-77 | 17. Date Compl. (Ready to Prod.)<br>5-18-77 | 18. Elevations (DF, RKB, RT, GR, etc.)<br>3462' GR | 19. Elev. Casinghead |
| 20. Total Depth<br>1723'    | 21. Plug Back T.D.<br>1716'     | 22. If Multiple Compl., How Many            | 23. Intervals Drilled By<br>Rotary Tools<br>0-1723 | 24. Cable Tools      |

24. Producing Interval(s), of this completion - Top, Bottom, Name  
1392-1478' San Andres

26. Type Electric and Other Logs Run  
Gamma Ray Neutron

| 28. CASING RECORD (Report all strings set in well) |                 |           |           |                  |               |
|----------------------------------------------------|-----------------|-----------|-----------|------------------|---------------|
| CASING SIZE                                        | WEIGHT LB./ FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 10-3/4"                                            | 40# J-55        | 368'      | 15 1/2"   | 275 sacks        |               |
| 7"                                                 | 23# J-55        | 1125'     | 9 1/2"    | 850 sacks        |               |
| 4 1/2 & 5 1/2"                                     | 10.5# J-55      | 1716'     | 6 1/4"    | 175 sacks        |               |
|                                                    | & 14# K-55      |           |           |                  |               |

| 29. LINER RECORD |     |        |              |        | 30. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|                  |     |        |              |        | 2-3/8"            | 1375'     |            |

31. Perforation Record (Interval, size and number)  
1392-1478' w/25 .50" holes

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 1420-1478'     | w/2000g 15% reg acid          |
| 1392-1478'     | w/60000g treated wtr,         |
|                | 95000# sand, 75000# 20-40,    |
|                | 20000# 100 mesh w/ball        |

33. PRODUCTION sealers.

Date First Production  
5-18-77

Production Method (Flowing, gas lift, pumping - Size and type pump)  
Pumping

Well Status (Prod. or Shut-in)  
Producing

|                          |                       |                         |                         |                    |                        |                                   |                          |
|--------------------------|-----------------------|-------------------------|-------------------------|--------------------|------------------------|-----------------------------------|--------------------------|
| Date of Test<br>5-19-77  | Hours Tested<br>24    | Choke Size              | Prod'n. For Test Period | Oil - Bbl.<br>24.2 | Gas - MCF<br>22        | Water - Bbl.<br>16 BLW            | Gas - Oil Ratio<br>909/1 |
| Flow Tubing Press.<br>16 | Casing Pressure<br>16 | Calculated 24-Hour Rate | Oil - Bbl.<br>24.2      | Gas - MCF<br>22    | Water - Bbl.<br>16 BLW | Oil Gravity - API (Corr.)<br>39.2 |                          |

34. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Sold

Test Witnessed By  
Johnny Morgan

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Christine Tomlinson TITLE Geological Secretary DATE May 20, 1977

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by a copy of all electrical and radio-activity logs on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of sectionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 1105.

# INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

## Northwestern New Mexico

|                          |                        |                             |                         |
|--------------------------|------------------------|-----------------------------|-------------------------|
| T. Anhy _____            | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____      |
| T. Salt _____            | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____      |
| T. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____      |
| T. Yates _____           | T. Miss _____          | T. Cliff House _____        | T. Leadville _____      |
| T. 7 Rivers _____        | T. Devonian _____      | T. Menefee _____            | T. Madison _____        |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____         |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos _____             | T. McCracken _____      |
| T. San Andres <u>730</u> | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzite _____ |
| T. Glorieta _____        | T. McKee _____         | T. Base Greenhorn _____     | T. Granite _____        |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____                |
| T. Blinbry _____         | T. Gr. Wash _____      | T. Morrison _____           | T. _____                |
| T. Tubb _____            | T. Granite _____       | T. Todilto _____            | T. _____                |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Entrada _____            | T. _____                |
| T. Abo _____             | T. Bone Springs _____  | T. Wingate _____            | T. _____                |
| T. Wolfcamp _____        | T. _____               | T. Chinle _____             | T. _____                |
| T. Penn. _____           | T. _____               | T. Permian _____            | T. _____                |
| T. Cisco (Bough C) _____ | T. _____               | T. Penn. "A" _____          | T. _____                |

## OIL OR GAS SANDS OR ZONES

|                            |                            |
|----------------------------|----------------------------|
| No. 1, from _____ to _____ | No. 4, from _____ to _____ |
| No. 2, from _____ to _____ | No. 5, from _____ to _____ |
| No. 3, from _____ to _____ | No. 6, from _____ to _____ |

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

|                                  |
|----------------------------------|
| No. 1, from _____ to _____ feet. |
| No. 2, from _____ to _____ feet. |
| No. 3, from _____ to _____ feet. |
| No. 4, from _____ to _____ feet. |

## FORMATION RECORD (Attach additional sheets if necessary)

| From | To    | Thickness in Feet | Formation        | From | To | Thickness in Feet | Formation |
|------|-------|-------------------|------------------|------|----|-------------------|-----------|
| 0    | 203   | 203               | Surface Rock     |      |    |                   |           |
| 203  | 1125  | 922               | Red Bed & Shells |      |    |                   |           |
| 1125 | 1700  | 575               | Lime             |      |    |                   |           |
|      | (DTD) |                   |                  |      |    |                   |           |

**Form W-12**  
(1-1-71)

## RECORD OF INCLINATION

If additional space is needed, use the reverse side of this form.

- ### INCLINATION DATA CERTIFICATION

## OPERATOR CERTIFICATION

Signature of Authorized Representative

Name of Person and Title (type or print)

## Operator

Telephone: \_\_\_\_\_  
Area Code \_\_\_\_\_

**ROUTED COMMISSION USE ONLY:**

Approved By: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

\* Designates items certified by company that conducted the inclination surveys.