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

RECEIVED

APR 14 1978

Form C-105  
Revised 11-7-76

5a. Indicate Type of Lease  
State ☒ Fee ☐

5. State Oil & Gas Lease No.  
L-122

7. Unit Agreement Name

8. Name of Lease Owner  
Penasco "IW" Com

9. Well No.  
1

10. Field and Name, or Wildcat  
Wildcat *Wolfcamp*

11. Locality  
Eddy

10. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

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

2. Name of Operator  
Yates Petroleum Corporation

3. Address of Operator  
207 South 4th Street - Artesia, NM 88210

4. Location of Well  
UNIT LETTER J LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 31 TWP. 18S RGE. 25E NMPM

15. Date Spudded 7-4-77 16. Date T.D. Reached 8-3-77 17. Date Compl. (Ready to Prod.) 3-9-78 18. Elevations (DF, RKB, RT, GR, etc.) 3637' KB 19. Elev. Casings 3624'

20. Total Depth 8973' 21. Plug Back T.D. 6460' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools 0-8973' Casing Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name  
6242-6454' - *Wolfcamp* ~~Permian~~ 25. Was Directional Survey Made No

26. Type Electric and Other Logs Run  
Comp; Density & Gaurd Log 27. Was Well Cased No

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

| CASING SIZE | WEIGHT LB./ FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|-----------|-----------|------------------|---------------|
| 13-3/8"     | 48#             | 310'      | 17 1/2"   | 300 sacks        |               |
| 8-5/8"      | 24#             | 1136'     | 12 1/4"   | 655 sacks        |               |
| 4 1/2"      | 10.5#           | 6802'     | 7-7/8"    | 500 sacks        |               |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|------|-----|--------|--------------|--------|
|      |     |        |              |        |

30. TUBING RECORD

| SIZE   | DEPTH SET | PACKER SET |
|--------|-----------|------------|
| 2-3/8" | 6210'     | 6210'      |

31. Perforation Record (Interval, size and number)  
6242-6454' w/35 .34" shots

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 6242-6454'     | 5000 gallons 15% DS-30 acid.  |

33. PRODUCTION

Date First Production 3-10-78 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Producing

| Date of Test | Hours Tested | Choke Size | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF | Water - Bbl. | Gas - Oil Ratio |
|--------------|--------------|------------|-------------------------|------------|-----------|--------------|-----------------|
| 4-14-78      | 1            | 12/64"     |                         | -          | 5         | -            | -               |

| Flow Tubing Press. | Casing Pressure | Calculated 24-hour Rate | Oil - Bbl. | Gas - MCF | Water - Bbl. | Oil Gravity - API (Corr.) |
|--------------------|-----------------|-------------------------|------------|-----------|--------------|---------------------------|
| 25                 | Pkr             |                         | -          | 115       | -            | -                         |

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

35. List of Attachments  
DST's

Test Witnessed By  
Leon Bergstrom

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 *Eddie M. Mahford* TITLE Engineer DATE 4-14-78

# INSTRUCTIONS

This form is to be filled with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run 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 directionally 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

T. Anhy \_\_\_\_\_  
T. Salt \_\_\_\_\_  
B. Salt \_\_\_\_\_  
T. Yates \_\_\_\_\_  
T. 7 Rivers \_\_\_\_\_  
T. Queen \_\_\_\_\_  
T. Grayburg \_\_\_\_\_  
T. San Andres \_\_\_\_\_  
T. Glorieta \_\_\_\_\_  
T. Paddock \_\_\_\_\_  
T. Blinbry \_\_\_\_\_  
T. Tubb \_\_\_\_\_  
T. Drinkard \_\_\_\_\_  
T. Abo \_\_\_\_\_  
T. Wolfcamp \_\_\_\_\_  
T. Penn. \_\_\_\_\_  
T. Cisco (Bough C) \_\_\_\_\_

T. Canyon \_\_\_\_\_  
T. Strawn \_\_\_\_\_  
T. Atoka \_\_\_\_\_  
T. Miss \_\_\_\_\_  
T. Devonian \_\_\_\_\_  
T. Silurian \_\_\_\_\_  
T. Montoya \_\_\_\_\_  
T. Simpson \_\_\_\_\_  
T. McKee \_\_\_\_\_  
T. Ellenburger \_\_\_\_\_  
T. Gr. Wash \_\_\_\_\_  
T. Granite \_\_\_\_\_  
T. Delaware Sand \_\_\_\_\_  
T. Bone Springs \_\_\_\_\_  
T. Mrwr Clastics \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_

### Northwestern New Mexico

T. Ojo Alamo \_\_\_\_\_  
T. Kirtland-Fruitland \_\_\_\_\_  
T. Pictured Cliffs \_\_\_\_\_  
T. Cliff House \_\_\_\_\_  
T. Menefee \_\_\_\_\_  
T. Point Lookout \_\_\_\_\_  
T. Mancos \_\_\_\_\_  
T. Gallup \_\_\_\_\_  
T. Base Greenhorn \_\_\_\_\_  
T. Dakota \_\_\_\_\_  
T. Morrison \_\_\_\_\_  
T. Todilto \_\_\_\_\_  
T. Entrada \_\_\_\_\_  
T. Wingate \_\_\_\_\_  
T. Chinle \_\_\_\_\_  
T. Permian \_\_\_\_\_  
T. Penn. "A" \_\_\_\_\_

T. Penn. "B" \_\_\_\_\_  
T. Penn. "C" \_\_\_\_\_  
T. Penn. "D" \_\_\_\_\_  
T. Leadville \_\_\_\_\_  
T. Madison \_\_\_\_\_  
T. Elbert \_\_\_\_\_  
T. McCracken \_\_\_\_\_  
T. Ignacio Qtzite \_\_\_\_\_  
T. Granite \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_

### OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 5, 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. Perched or surface wtr  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet. Artesian zone  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet. Water Oil & gas  
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    | 305  | 305               | gravel & redbeds    |      |    |                   |           |
| 305  | 600  | 295               | Red bed and sand    |      |    |                   |           |
| 600  | 1032 | 432               | Lime & anhy         |      |    |                   |           |
| 1032 | 1986 | 954               | Anhy and Dolo.      |      |    |                   |           |
| 1986 | 4026 | 2040              | Sand and Dolo.      |      |    |                   |           |
| 4026 | 4196 | 170               | Shale & Dolo.       |      |    |                   |           |
| 4196 | 5187 | 991               | Dolo.               |      |    |                   |           |
| 5187 | 7620 | 2433              | Lime and shale      |      |    |                   |           |
| 7620 | 8860 | 1240              | Lime snad and shale |      |    |                   |           |
| 8860 | 8973 | 113               | Shale               |      |    |                   |           |

## DRILL STEM TESTS

Yates Petroleum Corporation  
Penasco "IW" Com #1  
1980' FSL & 1980' FEL of  
Section 31-18S-25E, Eddy County, NM

DST #1 - 6575-6625'. TO w/fair blo increased to strong blow. GTS in 34 TSTM. Reop w/good blow, decreased to fair below. Recovered 3277' fluid. HP 3351-3351, 30" IFP 473-489#, 60" ISIP 2605#, 90" 2nd FP 947-1603#, 180" FSIP 2580,

DST #2 8325-8425'. TO w/fair blow increased to strong blow. Reop w/strong blow. No GTS. Recovered 270' DM. HP 4285-4285, 30" IFP 342-342, 60" ISIP 1075, 60" FFP 315-342, 120" FSIP 1678.

DST #3 8630-8790'. Recovered 180' DM. TO w/weak blow, increased to fair and remained fair throughout test. HP 4542-4495, 30" IFP 175-175, 60" ISIP 601, 120" FSIP 791.

DST #4 - 8800-8973'. TO w/strong blow, decreased to 0#, Recovered 150' DF. Temp 158 deg. 18 cc mud. .014# gas. Pressures: HP 4481-4481, 45" IFP 184, ISIP 531, 45" FFP 184-138, 90" FSIP 600#.

NEW MEXICO OIL CONSERVATION COMMISSION  
WL - 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.

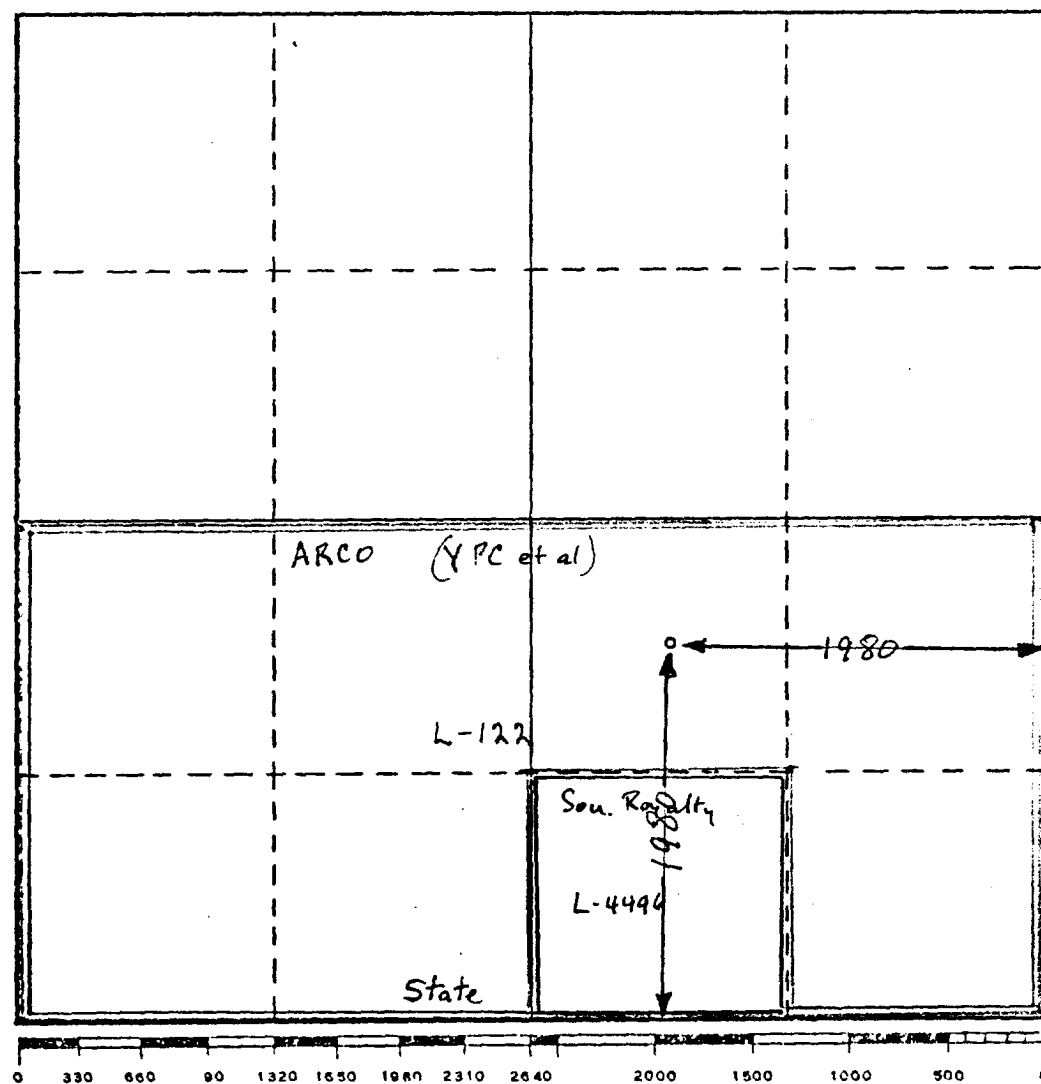
|                                                                                                                                |                                                                   |                                  |                        |                                        |  |
|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------|------------------------|----------------------------------------|--|
| Operator<br><b>Yates Petroleum Corp</b>                                                                                        |                                                                   | Lease<br><b>Penasco "IW" Com</b> |                        | Well No.<br><b>1</b>                   |  |
| Unit Letter<br><b>J</b>                                                                                                        | Section<br><b>31</b>                                              | Township<br><b>18S</b>           | Range<br><b>25E</b>    | County<br><b>Eddy</b>                  |  |
| Actual Footage Location of Well:<br><b>1980</b> feet from the <b>South</b> line and <b>1980</b> feet from the <b>East</b> line |                                                                   |                                  |                        |                                        |  |
| Ground Level Elev.<br><b>3624</b>                                                                                              | Producing Formation<br><b>Wolfcamp</b><br><del>up Pensacola</del> |                                  | Pool<br><b>Wildcat</b> | Dedicated Acreage:<br><b>320</b> Acres |  |

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

*Eddie M. Mahfood*  
Name  
**Eddie M. Mahfood**  
Position  
**ENGINEER**  
Company  
**YATES Petroleum Corp**  
Date  
**4-14-78**

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.

Date Surveyed  
**Refer to Orig Plat**  
Registered Professional Engineer and/or Land Surveyor

Certificate No.

LOCATION Section 31, T-18-S, R-25-E, Eddy County, New Mexico  
(Give Unit, Section, Township and Range)

OPERATOR R. C. Bennett & J. C. Ryan - Yates Petr Corp.

DRILLING CONTRACTOR McVay Drilling Company

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

| <u>Degrees @ Depth</u> | <u>Degrees @ Depth</u>      | <u>Degrees @ Depth</u>      |
|------------------------|-----------------------------|-----------------------------|
| <u>1/2° - 123</u>      | <u>1/2° - 4895</u>          | <u>                    </u> |
| <u>1° - 305</u>        | <u>1/2° - 5331</u>          | <u>                    </u> |
| <u>1/2° - 520</u>      | <u>3/4° - 5754</u>          | <u>                    </u> |
| <u>3/4° - 922</u>      | <u>1/2° - 6103</u>          | <u>                    </u> |
| <u>1/2° - 1132</u>     | <u>3/4° - 6262</u>          | <u>                    </u> |
| <u>3/4° - 1408</u>     | <u>1° - 6625</u>            | <u>                    </u> |
| <u>3/4° - 1784</u>     | <u>1 3/4° - 7235</u>        | <u>                    </u> |
| <u>1° - 2095</u>       | <u>3 3/4° - 7624</u>        | <u>                    </u> |
| <u>1° - 2500</u>       | <u>2 3/4° - 7763</u>        | <u>                    </u> |
| <u>3/4° - 2841</u>     | <u>1 1/2° - 8105</u>        | <u>                    </u> |
| <u>3/4° - 3094</u>     | <u>3/4° - 8425</u>          | <u>                    </u> |
| <u>3/4° - 3496</u>     | <u>1/4° - 8790</u>          | <u>                    </u> |
| <u>1° - 3901</u>       | <u>2° - 8973</u>            | <u>                    </u> |
| <u>3/4° - 4306</u>     | <u>                    </u> | <u>                    </u> |
| <u>1/2° - 4575</u>     | <u>                    </u> | <u>                    </u> |

Drilling Contractor McVay Drilling Company

By: J. C. Ryan

Subscribed and sworn to before me this 5th day of August, 1977

M. J. Deutane  
Notary Public

My Commission Expires: 10-8-80

Lea County New Mexico