

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

| | |
|------------------------|---|
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

| | | | |
|---|----------------------|---|--|
| 1a. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/> | | 5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/> | |
| b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> | | 5. State Oil & Gas Lease No. | |
| 2. Name of Operator Yates Petroleum Corporation | | 7. Unit Agreement Name | |
| 3. Address of Operator 105 South 4th St., Artesia, NM 88210 | | 8. Farm or Lease Name Molly QD Com | |
| 4. Location of Well UNIT LETTER <u>P</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>13</u> TWP. <u>19S</u> RGE. <u>24E</u> NMPM | | 9. Well No. 1 | |
| 15. Date Spudded 6-26-86 | | 10. Field and Pool, or Wildcat M. Daggan Draw U/Penn Wildcat Assoc. | |
| 16. Date T.D. Reached 7-29-86 | | 12. County Eddy | |
| 17. Date Compl. (Ready to Prod.) 9-23-86 | | 18. Elevations (DF, RKB, RT, GR, etc.) 3601' GR | |
| 20. Total Depth 9212' | | 21. Plug Back T.D. 9154' | |
| 22. If Multiple Compl., How Many | | 23. Intervals Drilled By Rotary Tools <input checked="" type="checkbox"/> Cable Tools <input type="checkbox"/> | |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name 7813-30' Canyon | | 25. Was Directional Survey Made No | |
| 25. Type Electric and Other Logs Run CNL/FDC; DLL | | 27. Was Well Cored No | |
| 28. CASING RECORD (Report all strings set in well) | | | |
| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE |
| 20" | | 40' | 26" |
| 13-3/8" | 59.45# | 395' | 17-1/2" |
| 8-5/8" | 24 & 32# | 1100' | 12-1/4" |
| 5-1/2" | 15.5 & 17# | 9212' | 7-7/8" |
| 29. LINER RECORD | | 30. TUBING RECORD | |
| SIZE | TOP | BOTTOM | SACKS CEMENT |
| | | | SCREEN |
| | | | SIZE |
| | | | DEPTH SET |
| | | | PACKER SET |
| 31. Perforation Record (Interval, size and number) 7813-30' w/12 .42" Holes | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | |
| | | DEPTH INTERVAL | |
| | | AMOUNT AND KIND MATERIAL USED | |
| | | 7813-30' w/3000g. 15% NEFE acid | |
| | | | |
| | | | |
| 33. PRODUCTION | | | |
| Date First Production 8-13-86 | | Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing | |
| Date of Test 9-23-86 | | Well Status (Prod. or Shut-in) Producing | |
| Hours Tested 24 | Choke Size 48/64" | Prod'n. For Test Period → | Oil - Bbl. 259 |
| | | | Gas - MCF 558 |
| | | | Water - Bbl. 380 |
| | | | Gas - Oil Ratio 2154/1 |
| Flow Tubing Press. 100# | Casing Pressure - | Calculated 24-Hour Rate → | Oil - Bbl. 259 |
| | | | Gas - MCF 558 |
| | | | Water - Bbl. 380 |
| | | | Oil Gravity - API (Corr.) 40° (estimated) |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold - connected to Gas Gathering 9-19-86 | | Test Witnessed By Billy Horner | |
| 35. List of Attachments Deviation Survey | | | |
| 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 <u>[Signature]</u> | | TITLE <u>Production Supervisor</u> | |
| | | DATE <u>9-24-86</u> | |

INSTRUCTIONS

This form is to be filled with the appropriate District Office of the Division 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 filled 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 Lime 7545 | T. Ojo Alamo | T. Penn. "B" |
| T. Salt | T. Strawn 8141 | T. Kirtland-Fruitland | T. Penn. "C" |
| B. Salt | T. Atoka 8596 | T. Pictured Cliffs | T. Penn. "D" |
| T. Yates | T. Miss Chester 9132 | 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 470 | T. Simpson | T. Gallup | T. Ignacio Qtzite |
| T. Glorieta 1872 | T. McKee | Base Greenhorn | T. Granite |
| T. Paddock | T. Ellenburger | T. Dakota | T. |
| T. Elinebry | T. Gr. Wash | T. Morrison | T. |
| T. Tubb | T. Granite | T. Todilto | T. |
| T. Drinkard | T. Delaware Sand | T. Entrada | T. |
| T. Abo 4060 | T. Bone Springs | T. Wingate | T. |
| T. Wolfcamp Lime 5353 | T. Canyon Dolomite 7702 | T. Chinle | T. |
| T. Penn. | T. Strawn Marker -8458 | T. Permian | T. |
| T. Cisco (Bough C) 6330 | T. Morrow Clastics -8894 | 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 | 470 | 470 | Surface, Lime & Gravel | 5850 | 7620 | 1770 | Shale, Limestone, Sand |
| 470 | 800 | 330 | Lime, Sand | 7620 | 7770 | 150 | Dolomite, Lime, Shale |
| 800 | 1100 | 300 | Dolomite | 7770 | 9212 | 1442 | Dolo, Shale, Lime |
| 1100 | 1750 | 650 | Dolo, Anhy, Cht | | | | |
| 1750 | 1850 | 100 | Dolo, Anhy, Sd | | | | |
| 1850 | 2200 | 350 | Dolo, Sand | | | | |
| 2200 | 2420 | 220 | Dolo, Anhy | | | | |
| 2420 | 2740 | 320 | Dolo, Anhy, Sand | | | | |
| 2740 | 3300 | 560 | Dolomite | | | | |
| 3300 | 3600 | 300 | Dolo, Anhy, Sand | | | | |
| 3600 | 3920 | 320 | Sand, Dolo | | | | |
| 3920 | 4310 | 390 | Dolo, Shale | | | | |
| 4310 | 4610 | 300 | Dolomite | | | | |
| 4610 | 4840 | 230 | Dolo, Shale, Cht | | | | |
| 4840 | 5340 | 500 | Dolomite | | | | |
| 5340 | 5500 | 160 | Limestone, Dolo | | | | |

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

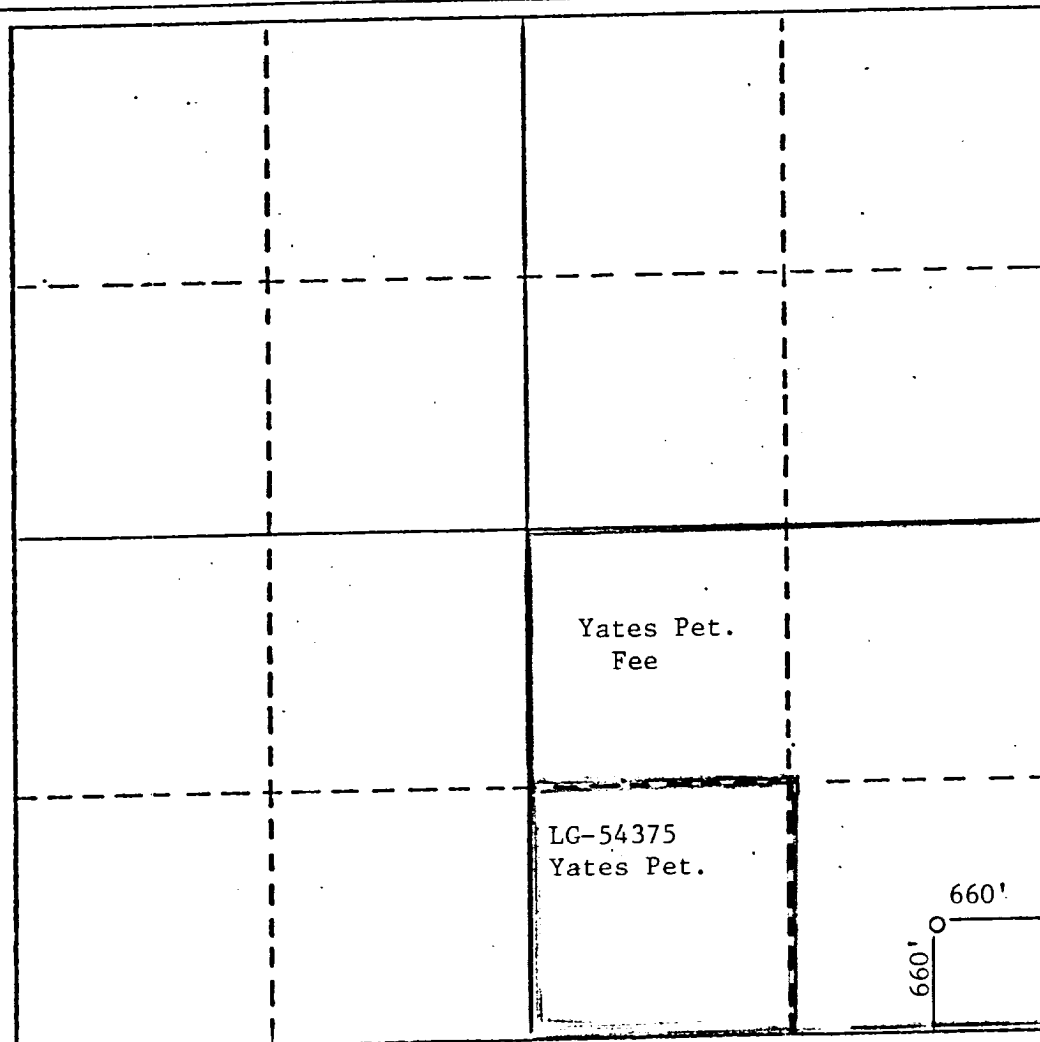
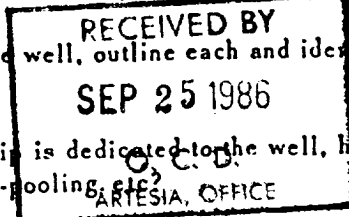
| | | | | |
|--|-------------------------------|---------------------------|---------------------------------|----------------|
| Operator Yates Petroleum Corporation | | Lease Molly "OD" Com " | | Well No. 1 |
| Unit Letter P | Section 13 | Township 19S | Range 24E | County Eddy |
| Actual Footage Location of Well: 660 feet from the South line and 660 feet from the East line | | | | |
| Ground Level Elev. 3601' | Producing Formation Canyon | Pool Wildcat Canyon | Dedicated Acreage: 160 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 To be communitized

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 Division.



CERTIFICATION

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

Name

Juanita Goodlett

Position

Production Supervisor

Company

Yates Petroleum Corporation

Date

August 12, 1986

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 3/25/86

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

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 Yates Petroleum Corporation | | | Lease Molly QD Com | | Well No. 1 |
| Unit Letter P | Section 13 | Township 19S | Range 24E | County Eddy | |
| Actual Footage Location of Well: 660 feet from the South line and 660 feet from the East line | | | | | |
| Ground Level Elev. 3601' | Producing Formation Canyon PENN | | Pool N. Dagger Draw U/PENN Wildcat Canyon ASSOC. | Dedicated Acreage: 160 Acres | |

- Outline the acreage dedicated to the subject well by colored pencil or machine marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 To be communitized

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.

| | | | |
|--------------|--|-------------------------|--|
| AMENDED PLAT | | TO CORRECT LEASE NUMBER | |
| | | Yates Pet. Fee | |
| | | NM-A-54375 | |
| | | 660' | |

CERTIFICATION

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

Name

Juanita Goodlett

Position

Production Supervisor

Company

Yates Petroleum Corporation

Date

October 7, 1986

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 3/25/86**

Registered Professional Engineer and/or Land Surveyor

Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

WELL NAME AND NUMBER 11y QD Comm #1 ✓
LOCATION Section 13, T19S, R24E Eddy County
(Give Unit, Section, Township and Range)
OPERATOR Yates Petroleum
DRILLING CONTRACTOR McVay Drilling Company

RECEIVED BY

SEP 25 1986

O. C. D.
ARTESIA, OFFICE

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>1/2 395</u> | <u>3/4 7,763</u> | <u> </u> |
| <u>1 1/4 1,100</u> | <u>1/2 7,845</u> | <u> </u> |
| <u>1-3/4 1,465</u> | <u>3/4 8,351</u> | <u> </u> |
| <u>1 1,870</u> | <u>1 8,852</u> | <u> </u> |
| <u>1 2,376</u> | <u>3/4 9,025</u> | <u> </u> |
| <u>1/2 2,848</u> | <u>3/4 9,200</u> | <u> </u> |
| <u>3/4 3,350</u> | <u> </u> | <u> </u> |
| <u>1 3,970</u> | <u> </u> | <u> </u> |
| <u>1 4,473</u> | <u> </u> | <u> </u> |
| <u>3/4 4,973</u> | <u> </u> | <u> </u> |
| <u>3/4 5,473</u> | <u> </u> | <u> </u> |
| <u>1/2 5,714</u> | <u> </u> | <u> </u> |
| <u>1 1/4 6,226</u> | <u> </u> | <u> </u> |
| <u>1/2 6,728</u> | <u> </u> | <u> </u> |
| <u>1/2 7,228</u> | <u> </u> | <u> </u> |

Drilling Contractor McVay Drilling Company

By: Joe Hays

Subscribed and sworn to before me this 31st day of July, 1986

Phyllis Jean Courtright
Notary Public

My Commission Expires: December 27, 1987

Eddy County New Mexico