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District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL API NO.

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"  
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL  
WELL ☐

GAS  
WELL ☐

OTHER

Water Source Well

2. Name of Operator

Baca Petroleum Corp.

3. Address of Operator

111 Rue Jean Lafitte, #101, Lafayette, LA 70508

4. Well Location

Unit Letter G : 2013 Feet From The North Line and 2003 Feet From The East Line

Section 29 Township 16 North Range 6 West NMPM McKinley County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11.

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: Water Source Well ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

The well is open holed through the Gallup at 903' to 960'

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

SIGNATURE

Ralph R. Wilkerson

TITLE

Vice President

DATE

10/30/91

TYPE OR PRINT NAME

Ralph R. Wilkerson

(303) 297-2016  
TELEPHONE NO.

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

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| TRANSPORTER            | OIL |
|                        | GAS |
| PERATOR                |     |
| LOCATION OFFICE        |     |
| SECTION                |     |

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

WR Oil & Gas Company

Address  
14800 Quorum Drive, Suite 370, Dallas, Texas 75240

Reason(s) for filing (Check proper box) Other (Please explain)

New Well ☐ Change in Transporter of: Oil ☐ Dry Gas ☐ INJECTION WELL

Completion ☐ Casinghead Gas ☐ Condensate ☐

Change in Ownership ☒

Change of ownership give name and address of previous owner Capital Oil & Gas Corporation, P. O. Box 2130, Kilgore, Texas 75662

DESCRIPTION OF WELL AND LEASE

|                           |          |                                |                           |           |
|---------------------------|----------|--------------------------------|---------------------------|-----------|
| Lease Name                | Well No. | Pool Name, Including Formation | Kind of Lease             | Lease No. |
| Santa Fe Pacific Railroad | 6Y       | Miguel Creek (Gallup)          | State, Federal or Fee Fee | 09725     |

Location

Unit Letter G ; 2013 Feet From The North Line and 2003 Feet From The East

Line of Section 29 Township 16N Range 6W , NMPM, McKinley County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐ Address (Give address to which approved copy of this form is to be sent)

N/A - Water Injection Well

Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐ Address (Give address to which approved copy of this form is to be sent)

|                                                       |      |      |      |      |                            |      |
|-------------------------------------------------------|------|------|------|------|----------------------------|------|
| Well produces oil or liquids, give location of tanks. | Unit | Sec. | Twp. | Rge. | Is gas actually connected? | When |
|                                                       |      |      |      |      | No                         |      |

This production is commingled with that from any other lease or pool, give commingling order number:

COMPLETION DATA

|                                    |          |          |          |          |        |           |             |              |
|------------------------------------|----------|----------|----------|----------|--------|-----------|-------------|--------------|
| Designate Type of Completion - (X) | Oil Well | Gas Well | New Well | Workover | Deepen | Plug Back | Some Restv. | Diff. Restv. |
|                                    | WIW      |          |          | X        |        |           |             |              |

|              |                            |             |          |
|--------------|----------------------------|-------------|----------|
| Date Spudded | Date Compl. Ready to Prod. | Total Depth | P.B.T.D. |
| 8-2-73       | 8-17-73                    | 748'        |          |

|                                      |                             |                 |              |
|--------------------------------------|-----------------------------|-----------------|--------------|
| Perforations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | Top Oil/Gas Pay | Tubing Depth |
| 6428' GL                             | Hospah-Gallup               | 734'            | 700'         |

|                      |                   |
|----------------------|-------------------|
| Perforations         | Depth Casing Shoe |
| 733-748' (Open Hole) | 733'              |

TUBING, CASING, AND CEMENTING RECORD

|           |                      |           |              |
|-----------|----------------------|-----------|--------------|
| HOLE SIZE | CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT |
| 6 3/4"    | 4 1/2"               | 733'      | Crc          |
|           | 2 3/8"               | 700'      |              |

TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

|                            |                 |                                               |            |
|----------------------------|-----------------|-----------------------------------------------|------------|
| First New Oil Run To Tanks | Date of Test    | Producing Method (Flow, pump, gas lift, etc.) |            |
| Length of Test             | Tubing Pressure | Casing Pressure                               | Choke Size |
| Prod. During Test          | Oil-Bbls.       | Water-Bbls.                                   | Gas-MCF    |

TEST WELL

|                                  |                           |                           |                       |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Prod. Frac. Test-MCF/D           | Length of Test            | Bbls. Condensate/MCF      | Gravity of Condensate |
| Testing Method (pilot, back pr.) | Tubing Pressure (shot-in) | Casing Pressure (shot-in) | Choke Size            |

CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

(Signature)  
General Manager  
(Title)  
(Date)

OIL CONSERVATION DIVISION

APPROVED \_\_\_\_\_, 19 \_\_\_\_\_

BY \_\_\_\_\_

TITLE \_\_\_\_\_

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

|                        |  |
|------------------------|--|
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Form O-105  
Revised 1-1-65

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

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. State Oil & Gas Lease No.

## 1c. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

## D. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

## 2. Name of Operator

NORTHERN MINERALS, INC.

## 3. Address of Operator

P. O. Box 2182, Santa Fe, New Mexico 87501

## 4. Location of Well

UNIT LETTER G LOCATED 2310 FEET FROM THE North LINE AND 1650 FEET FROM

THE East LINE OF SEC. 29 TWP. 16N RGE. 6W NMPM

|                            |                                 |                                              |                                                      |                                |
|----------------------------|---------------------------------|----------------------------------------------|------------------------------------------------------|--------------------------------|
| 15. Date Spudded<br>9-4-73 | 16. Date T.D. Reached<br>9-6-73 | 17. Date Compl. (Ready to Prod.)<br>10-15-73 | 18. Elevations (DF, RKB, RT, GR, etc.)<br>6457.2' GR | 19. Elev. Casinghead<br>6457.9 |
|----------------------------|---------------------------------|----------------------------------------------|------------------------------------------------------|--------------------------------|

|                        |                           |                                       |                                                   |                  |
|------------------------|---------------------------|---------------------------------------|---------------------------------------------------|------------------|
| 20. Total Depth<br>782 | 21. Plug Back T.D.<br>782 | 22. If Multiple Compl., How Many<br>- | 23. Intervals Drilled By<br>Rotary Tools<br>0-782 | Cable Tools<br>- |
|------------------------|---------------------------|---------------------------------------|---------------------------------------------------|------------------|

## 24. Producing Interval(s), of this completion - Top, Bottom, Name

OH 764-770 Hospah-Gallup

## 25. Was Directional Survey Made

1/2° @ 748

## 26. Type Electric and Other Logs Run

Century Geophysical GR-SP-Resistivity

## 27. Was Well Cored

yes 748-782

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

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD          | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|---------------------------|---------------|
| 4 1/2"      | 10.5           | 764       | 6 1/2"    | cemented w/65sx class "A" | -             |

## 29. LINER RECORD

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

## 30. TUBING RECORD

| SIZE  | DEPTH SET | PACKER SET |
|-------|-----------|------------|
| 2 3/8 | 766       | -          |

## 31. Perforation Record (Interval, size and number)

OH 764-782

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
|----------------|-------------------------------|

## 3. PRODUCTION

|                           |                                                                                                      |                              |                              |                 |                                             |                                  |
|---------------------------|------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|-----------------|---------------------------------------------|----------------------------------|
| 10-15-73                  | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Pumping 2" x 1 1/2" x 8' RWEC |                              |                              |                 | Well Status (Prod. or Shut-in)<br>Producing |                                  |
| Date of Test<br>11-22-73  | Hours Tested<br>24                                                                                   | Choke Size<br>-              | Prod'n. For Test Period<br>8 | Oil - Bbl.<br>8 | Gas - MCF<br>0                              | Water - Bbl.<br>8                |
| Flow Tubing Press.<br>-0- | Casing Pressure<br>VAC                                                                               | Calculated 24-Hour Rate<br>8 | Oil - Bbl.<br>8              | Gas - MCF<br>0  | Water - Bbl.<br>8                           | Oil Gravity - API (Corr.)<br>31° |

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

N.A.

## Test Witnessed By

Mark E. Weidler

## 5. List of Attachments

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

*Lloyd Davidson*  
Lloyd Davidson

TITLE President

DATE

12-2-73

|                        |   |
|------------------------|---|
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Form O-105  
Revised 1-1-81

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

|                                |                                         |
|--------------------------------|-----------------------------------------|
| 1a. Indicate Type of Lease     |                                         |
| State <input type="checkbox"/> | Fee <input checked="" type="checkbox"/> |
| b. State Oil & Gas Lease No.   |                                         |

|                                                                                                                                                                                                                         |  |                        |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|
| 1c. TYPE OF WELL                                                                                                                                                                                                        |  | 7. Unit Agreement Name |  |
| OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                              |  |                        |  |
| b. TYPE OF COMPLETION                                                                                                                                                                                                   |  | 8. Farm or Lease Name  |  |
| 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"/> OTHER <input type="checkbox"/> |  | Santa Fe Pacific       |  |

|                                            |  |                                |  |
|--------------------------------------------|--|--------------------------------|--|
| 2. Name of Operator                        |  | 9. Well No.                    |  |
| NORTHERN MINERALS, INC.                    |  | 8                              |  |
| 3. Address of Operator                     |  | 10. Field and Pool, or Wildcat |  |
| P. O. Box 2182, Santa Fe, New Mexico 87501 |  | unnamed                        |  |
| 4. Location of Well                        |  |                                |  |

|             |      |              |      |               |       |          |      |           |
|-------------|------|--------------|------|---------------|-------|----------|------|-----------|
| UNIT LETTER | G    | LOCATED      | 2310 | FEET FROM THE | North | LINE AND | 2310 | FEET FROM |
| THE         | East | LINE OF SEC. | 29   | TWP.          | 16N   | RGE.     | 6W   | NMPM      |
| 12. County  |      | McKinley     |      |               |       |          |      |           |

|                  |                       |                                  |                                        |                      |
|------------------|-----------------------|----------------------------------|----------------------------------------|----------------------|
| 15. Date Spudded | 16. Date T.D. Reached | 17. Date Compl. (Ready to Prod.) | 18. Elevations (DF, RKB, RT, GR, etc.) | 19. Elev. Casinghead |
| 9/8/73           | 9/9/73                | 9/28/73                          | 6424.9 GR                              | 6425.7               |
| 20. Total Depth  | 21. Plug Back T.D.    | 22. If Multiple Compl., How Many | 23. Intervals Drilled By               | Rotary Tools         |
| 754'             | 754'                  | -                                | →                                      | X                    |

|                                                                   |                                 |
|-------------------------------------------------------------------|---------------------------------|
| 24. Producing Interval(s), of this completion — Top, Bottom, Name | 25. Was Directional Survey Made |
| 740-48 Hospah sandstone                                           | No                              |

|                                         |                    |
|-----------------------------------------|--------------------|
| 26. Type Electric and Other Logs Run    | 27. Was Well Cored |
| Century Geoph. SP-GR-Resistivity 0-754' | Yes 732-47         |

| 28. CASING RECORD (Report all strings set in well) |                |           |           |                  |               |
|----------------------------------------------------|----------------|-----------|-----------|------------------|---------------|
| CASING SIZE                                        | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 4 1/2"                                             | 10.5           | 736'      | 6 1/2"    | 65 SX            |               |
|                                                    |                |           |           |                  |               |
|                                                    |                |           |           |                  |               |
|                                                    |                |           |           |                  |               |

| 29. LINER RECORD |     |        |              | 30. TUBING RECORD |       |           |
|------------------|-----|--------|--------------|-------------------|-------|-----------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN            | SIZE  | DEPTH SET |
|                  |     |        |              |                   | 2 3/8 | 736'      |
|                  |     |        |              |                   |       |           |
|                  |     |        |              |                   |       |           |
|                  |     |        |              |                   |       |           |

|                                                    |  |                                                 |  |
|----------------------------------------------------|--|-------------------------------------------------|--|
| 31. Perforation Record (Interval, size and number) |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  |  |
| open hole 736-54                                   |  | DEPTH INTERVAL<br>AMOUNT AND KIND MATERIAL USED |  |
|                                                    |  |                                                 |  |
|                                                    |  |                                                 |  |
|                                                    |  |                                                 |  |

| 33. PRODUCTION        |                 |                                                                     |                         |            |              |                           |                 |
|-----------------------|-----------------|---------------------------------------------------------------------|-------------------------|------------|--------------|---------------------------|-----------------|
| Date First Production |                 | Production Method (Flowing, gas lift, pumping — Size and type pump) |                         |            |              |                           |                 |
| 9/28/73               |                 | Pumping 2" x 1 1/2" x 8' RWBC                                       |                         |            |              |                           |                 |
| Date of Test          | Hours Tested    | Choke Size                                                          | Prod'n. For Test Period | Oil — Bbl. | Gas — MCF    | Water — Bbl.              | Gas — Oil Ratio |
| 10/8 - 9/73           | 24              | -                                                                   | →                       | 9          | -0-          | 8                         | -0-             |
| Flow Taking Press.    | Casing Pressure | Calculated 24-Hour Rate                                             | Oil — Bbl.              | Gas — MCF  | Water — Bbl. | Oil Gravity — API (Corr.) |                 |
| -                     | WAC             | →                                                                   | 9                       | -0-        | 8            | 31°                       |                 |

|                                                            |                   |
|------------------------------------------------------------|-------------------|
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.) | Test Witnessed By |
| N.A.                                                       | Mark E. Weidler   |

|                                                                                                                                         |           |          |
|-----------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|
| 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                                                                                                                                  | TITLE     | DATE     |
| Mr. Lloyd Davidson                                                                                                                      | President | 10/27/73 |

This form is to be filed with the appropriate District Office of the Commission not later than 10 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 quintuplicate except on state land, where six copies are required. See Rule 1105.

### Southeastern New Mexico

|                          |                        |
|--------------------------|------------------------|
| T. Anhy _____            | T. Canyon _____        |
| T. Salt _____            | T. Strawn _____        |
| B. Salt _____            | T. Atoka _____         |
| T. Yates _____           | T. Miss _____          |
| T. 7 Rivers _____        | T. Devonian _____      |
| T. Queen _____           | T. Silurian _____      |
| T. Grayburg _____        | T. Montoya _____       |
| T. San Andres _____      | T. Simpson _____       |
| T. Glorieta _____        | T. McKee _____         |
| T. Paddock _____         | T. Ellenburger _____   |
| T. Blinebry _____        | T. Gr. Wash _____      |
| T. Tubb _____            | T. Granite _____       |
| T. Drinkard _____        | T. Delaware Sand _____ |
| T. Abo _____             | T. Bone Springs _____  |
| T. Wolfcamp _____        | T. _____               |
| T. Penn. _____           | T. _____               |
| T. Cisco (Bough C) _____ | T. _____               |

|                             |                         |
|-----------------------------|-------------------------|
| T. Ojo Alamo _____          | T. Penn. "B" _____      |
| T. Kirtland-Fruitland _____ | T. Penn. "C" _____      |
| T. Pictured Cliffs _____    | T. Penn. "D" _____      |
| T. Cliff House _____        | T. Leadville _____      |
| T. Menefee _____            | T. Madison _____        |
| T. Point Lookout _____      | T. Elbert _____         |
| T. Mancos _____             | T. McCracken _____      |
| T. Gallup _____             | T. Ignacio Quizte _____ |
| Base Greenhorn _____        | T. Granite _____        |
| T. Dakota _____             | T. _____                |
| T. Morrison _____           | T. _____                |
| T. Todilto _____            | T. _____                |
| T. Entrada _____            | T. _____                |
| T. Wingate _____            | T. _____                |
| T. Chinle _____             | T. _____                |
| T. Permian _____            | T. _____                |
| T. Penn. "A" _____          | T. _____                |

FORMATION RECORD (Attach additional sheets if necessary)

| From    | To  | Thickness<br>in Feet | Formation                             | From | To | Thickness<br>in Feet | Formation |
|---------|-----|----------------------|---------------------------------------|------|----|----------------------|-----------|
| Surface | 225 | 225                  | Hosta Sandstone                       |      |    |                      |           |
| 5       | 483 | 258                  | Gibson Coal Member of Crevasse Canyon |      |    |                      |           |
| 3       | 510 | 27                   | Dalton Sandstone                      |      |    |                      |           |
| 0       | 734 | 224                  | Mulatto Tongue of Mancos Shale        |      |    |                      |           |
| 4       | 754 | 20                   | Hospah Sandstone                      |      |    |                      |           |

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

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. State Oil & Gas Lease No.

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|                                                                                                                                                                                                                                       |  |                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------|
| 1a. TYPE OF WELL<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                        |  | 7. Unit Agreement Name                              |
| b. TYPE OF COMPLETION<br>NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/> |  | 8. Farm or Lease Name<br>SFPRR                      |
| 2. Name of Operator<br>Northern Minerals, Inc.                                                                                                                                                                                        |  | 9. Well No.<br>11                                   |
| 3. Address of Operator<br>P. O. Box 2182, Santa Fe, New Mexico 87501                                                                                                                                                                  |  | 10. Field and Pool, or Wildcat<br>Undesignated Gall |

|                                                                                                                           |                                  |                                             |
|---------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------|
| 4. Location of Well<br>UNIT LETTER <u>G</u> LOCATED <u>1660</u> FEET FROM THE <u>North</u> LINE AND <u>1650</u> FEET FROM |                                  | 12. County<br>McKinley                      |
| 5. THE <u>East</u> LINE OF SEC. <u>29</u> TWP. <u>16N</u> PGE. <u>6W</u> NMPM                                             |                                  |                                             |
| 15. Date Spudded<br>5-1-74                                                                                                | 16. Date T.D. Reached<br>5-12-74 | 17. Date Compl. (Ready to Prod.)<br>5-23-74 |
| 18. Elevations (DF, RKB, RT, GR, etc.)<br>6424 GL, 6429 RT                                                                |                                  | 19. Elev. Casinghead<br>6425.5              |

|                                                                                                      |                            |                                  |                                                 |                                       |
|------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------|-------------------------------------------------|---------------------------------------|
| 20. Total Depth<br>3062'                                                                             | 21. Plug Back T.D.<br>754' | 22. If Multiple Compl., How Many | 23. Intervals Drilled By<br>Rotary Tools<br>All | Cable Tools                           |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name<br>738-751 Hospah-Gallup sandstone |                            |                                  |                                                 | 25. Was Directional Survey Made<br>No |
| 26. Type Electric and Other Logs Run<br>SP, Gamma Ray, Single Point Resistivity                      |                            |                                  |                                                 | 27. Was Well Cored<br>Yes 730-50      |

| 28. CASING RECORD (Report all strings set in well) |                |           |           |                       |               |
|----------------------------------------------------|----------------|-----------|-----------|-----------------------|---------------|
| CASING SIZE                                        | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD      | AMOUNT PULLED |
| 7"                                                 | 20             | 64'       | 9-5/8"    | 12 Sacks - Circulated | None          |
| 4 1/2"                                             | 9.5            | 731'      | 6-1/4"    | 75 Sacks - Circulated | None          |

| 29. LINER RECORD |     |        |              |        | 30. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|                  |     |        |              |        | 2-3/8             | 744'      |            |

| 31. Perforation Record (Interval, size and number) |                                            | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                               |
|----------------------------------------------------|--------------------------------------------|------------------------------------------------|-------------------------------|
| DEPTH INTERVAL                                     | AMOUNT AND KIND MATERIAL USED              | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED |
| 731-54                                             | 5,000 gal. lease crude & 4,000# 10-20 sand |                                                |                               |

|                                      |                            |                                                                                |                              |                  |                    |                                             |                      |
|--------------------------------------|----------------------------|--------------------------------------------------------------------------------|------------------------------|------------------|--------------------|---------------------------------------------|----------------------|
| 33. Date First Production<br>5-21-74 |                            | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Flowing |                              |                  |                    | Well Status (Prod. or Shut-in)<br>Producing |                      |
| Date of Test<br>5/22-23/74           | Hours Tested<br>27         | Choke Size<br>open                                                             | Prod'n. For Test Period<br>→ | Oil - Bbl.<br>16 | Gas - MCF<br>0     | Water - Bbl.<br>48                          | Gas - Oil Ratio<br>0 |
| Flow Tubing Press.<br>0              | Casing Pressure<br>80 PSIG | Calculated 24-Hour Rate<br>→                                                   | Oil - Bbl.<br>14             | Gas - MCF<br>0   | Water - Bbl.<br>43 | Oil Gravity - API (Corr.)<br>33             |                      |

|                                                                             |                                   |
|-----------------------------------------------------------------------------|-----------------------------------|
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>None produced | Test Witnessed By<br>Mark Weidler |
|-----------------------------------------------------------------------------|-----------------------------------|

|                                                                                                                                         |                    |                 |
|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------|
| 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<br>Lloyd Davidson                                                                                                                | TITLE<br>President | DATE<br>5-25-74 |

# INSTRUCTIONS

This form is to be filed 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 quintuplicate 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      | T. Simpson       | T. Gallup             | T. Ignacio Qizte |
| T. Glorieta        | T. McKee         | Base Greenhorn        | T. Granite       |
| T. Paddock         | T. Ellenburger   | T. Dakota             | T.               |
| T. Blinebry        | 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.               |

## FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness<br>in Feet | Formation             | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|-----------------------|------|----|----------------------|-----------|
| 0    | 731  | 731                  | Upper Mancos Shale    |      |    |                      |           |
| 731  | 815  | 84                   | Hospah-Gallup Zone    |      |    |                      |           |
| 815  | 907  | 92                   | Massive Gallup sand   |      |    |                      |           |
| 907  | 1586 | 679                  | Lower Mancos Shale    |      |    |                      |           |
| 1586 | 1623 | 37                   | Greenhorn limestone   |      |    |                      |           |
| 1623 | 1660 | 37                   | Graneros Shale        |      |    |                      |           |
| 1660 | 1833 | 173                  | Dakota "A" & "B" zone |      |    |                      |           |
| 1833 | 1938 | 105                  | Dakota "D" zone       |      |    |                      |           |
| 1938 | 2000 | 62                   | Dakota "E" zone       |      |    |                      |           |
| 2000 | 2850 | 850                  | Morrison              |      |    |                      |           |
| 2850 | 2958 | 108                  | Bluff sandstone       |      |    |                      |           |
| 2958 | 3045 | 87                   | Todilto limestone     |      |    |                      |           |
| 3045 | 3062 | 17                   | Entrada sandstone     |      |    |                      |           |

# ILLEGIBLE

Form C-103  
Revised 10-1-78

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                       |  |
|-----------------------|--|
| NO. OF COPIES DESIRED |  |
| DISTRIBUTION          |  |
| SANTA FE              |  |
| FILE                  |  |
| MAIL                  |  |
| ADMIN. OFFICE         |  |
| OPERATOR              |  |

5a. Indicate Type of Lease  
State ☐ Free ☒   
5. Lease or Conveyance No.  
09725  
7. Unit Agreement Name  
Miguel Creek  
8. Name of Lease Holder  
Santa Fe Pacific RR  
9. Well No.  
21  
10. Field and Farm, or Wildcat  
Miguel Creek-Gallup  
11. County  
McKinley

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

2. TYPE OF COMPLETION  
NEW WELL ☒ RECOMPLETION ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. DESIG. ☐ OTHER ☐

3. Name of Operator  
Zenith Energy Corporation

4. Address of Operator  
P. O. Box 1038, Kilgore, Texas 75662

5. Location of Well  
NE 1/4 Sec. 29, Twp. 16N, R. 6W, NMPM

6. Well Letter H LOCATED 990' FEET FROM THE East LINE AND 1750' FEET FROM

7. North LINE OF SEC. 29 TWP. 16N REC. 6W NMPM

8. Date Spudded 12-22-76 9. Date T.D. Reached 1-11-76 10. Date Compl. (Ready to Prod.) 10-30-80 11. Elevations (L.F., R.H., RT, GR, etc.) 6446' 12. Elev. Casinghead 6446'

13. Total Depth 780' 14. Plug Back T.D. 771 15. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools Yes Cable Tools

16. Producing Interval(s), of this completion - Top, Bottom, Name 754' - 768' - Hospah 24. Was Directional Survey Made Yes

17. Type Electric and Other Logs Run GR-N - SP 25. Was Well Cored

| CASING RECORD (Report all strings set in well) |                |           |           |                  |               |
|------------------------------------------------|----------------|-----------|-----------|------------------|---------------|
| CASING SIZE                                    | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 4 1/2"                                         | 9.5            | 770'      | 7 3/4     | 150 SX           |               |
|                                                |                |           |           |                  |               |
|                                                |                |           |           |                  |               |
|                                                |                |           |           |                  |               |

| LINER RECORD |     |        |              | TUBING RECORD |      |           |            |
|--------------|-----|--------|--------------|---------------|------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN        | SIZE | DEPTH SET | PACKER SET |
|              |     |        |              |               |      | 736'      |            |
|              |     |        |              |               |      |           |            |
|              |     |        |              |               |      |           |            |

| 1. Perforation Record (Interval, size and number) |  |  |  | 32. 30. STIMULANT, FRACTURE, CEMENT SQUEEZE, ETC. |  |  |  |
|---------------------------------------------------|--|--|--|---------------------------------------------------|--|--|--|
| 754' - 768' - 4 JSPF                              |  |  |  | DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED      |  |  |  |
|                                                   |  |  |  |                                                   |  |  |  |
|                                                   |  |  |  |                                                   |  |  |  |
|                                                   |  |  |  |                                                   |  |  |  |

| PRODUCTION                    |                 |                                                                                 |                        |              |              |                                        |                      |
|-------------------------------|-----------------|---------------------------------------------------------------------------------|------------------------|--------------|--------------|----------------------------------------|----------------------|
| Date First Production 11-1-80 |                 | Production Method (Flowing, gas lift, pumping - size and type pump) Pump 1 1/2" |                        |              |              | Well Status (Prod. or Shut-in) Shut in |                      |
| Date of Test 11-2-80          | Hours Tested 24 | Choke Size full                                                                 | Period for Test Period | Oil - bbl. 6 | Gas - MCF    | Water - bbl. 3                         | Gas - Oil Ratio 31.8 |
| Flow Tubing Press.            | Casing Pressure | Calculated 24-Hour Rate                                                         | Oil - bbl.             | Gas - MCF    | Water - bbl. | Oil Gravity - API (Corr.) ?            |                      |

3. Disposition of Gas (Sold, used for fuel, vented, etc.) NONE Test Witnessed By

4. List of Attachments Signed - Gary Blanks Gary Blanks 11/24/80

ILLEGIBLE

THIS FORM IS TO BE FILLED IN BY THE OPERATOR OF THE WELL, OR BY THE WELL LOGGERS, AND IS TO BE SUBMITTED TO THE STATE GEOLOGICAL SURVEY WITHIN 30 DAYS AFTER THE COMPLETION OF ANY NEWLY-DRILLED OR RE-DRILLED WELL. IT IS TO BE FILLED IN BY THE OPERATOR OF THE WELL, OR BY THE WELL LOGGERS, AND IS TO BE SUBMITTED TO THE STATE GEOLOGICAL SURVEY WITHIN 30 DAYS AFTER THE COMPLETION OF ANY NEWLY-DRILLED OR RE-DRILLED WELL. IT IS TO BE FILLED IN BY THE OPERATOR OF THE WELL, OR BY THE WELL LOGGERS, AND IS TO BE SUBMITTED TO THE STATE GEOLOGICAL SURVEY WITHIN 30 DAYS AFTER THE COMPLETION OF ANY NEWLY-DRILLED OR RE-DRILLED WELL.

INDUSTRIAL PRODUCTION OF OIL AND GAS IN THE STATE OF NEW MEXICO

Southwestern New Mexico

Northwestern New Mexico

|                    |         |         |                  |
|--------------------|---------|---------|------------------|
| T. Anby            | T. Carr | T. Carr | T. Penn. "D"     |
| T. Salt            | T. Carr | T. Carr | T. Penn. "C"     |
| D. Salt            | T. Carr | T. Carr | T. Penn. "D"     |
| T. Yates           | T. Carr | T. Carr | T. Leadville     |
| T. 7 Rivers        | T. Carr | T. Carr | T. Madison       |
| T. Queen           | T. Carr | T. Carr | T. Elbert        |
| T. Grayburg        | T. Carr | T. Carr | T. McCracken     |
| T. San Andres      | T. Carr | T. Carr | T. Ignacio Ortiz |
| T. Glorieta        | T. Carr | T. Carr | T. Granite       |
| T. Paddock         | T. Carr | T. Carr | T.               |
| T. Elinebry        | T. Carr | T. Carr | T.               |
| T. Tubb            | T. Carr | T. Carr | T.               |
| T. Drinkard        | T. Carr | T. Carr | T.               |
| T. Aho             | T. Carr | T. Carr | T.               |
| T. Wolfcamp        | T. Carr | T. Carr | T.               |
| T. Penn.           | T. Carr | T. Carr | T.               |
| T. Cisco (Bough C) | T. Carr | T. Carr | T.               |

OIL OR GAS SANDS OF ZONES

|             |     |    |     |             |    |
|-------------|-----|----|-----|-------------|----|
| No. 1, from | 752 | to | 768 | No. 2, from | to |
| No. 2, from |     | to |     | No. 3, from | to |
| No. 3, from |     | to |     | No. 4, 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 (Fill in all necessary details if necessary)

| From | To   | Thickness in Feet | Formation        | From | To | Thickness in Feet | Formation |
|------|------|-------------------|------------------|------|----|-------------------|-----------|
| 0    | 752  | 768               | Morcos shale     |      |    |                   |           |
| 752' | 768' | 16                | Gallup - Horizon |      |    |                   |           |

# ILLEGIBLE

Form C-105  
Revised 10-1-78

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

### WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |   |
|------------------------|---|
| NO. OF COPIES REQUIRED |   |
| DISTRIBUTION           | 5 |
| SANTA FE               | 1 |
| FILE                   | 1 |
| OTHER                  | 2 |
| LAND OFFICE            |   |
| OPERATOR               | 1 |

|                                                                         |
|-------------------------------------------------------------------------|
| 3a. Indicate Type of Lease                                              |
| State <input type="checkbox"/> Free <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No.                                            |
| 0-9725                                                                  |
| 7. Unit Agreement Name                                                  |
| 8. Form or Lease Name                                                   |
| S.F.P.R.R.                                                              |
| 9. Well No.                                                             |
| #23                                                                     |
| 10. Field and Pool, or Wildcat                                          |
| Miguel Creek Gallup ext                                                 |
| 12. County                                                              |
| McKinley                                                                |

|                        |                                                                                                                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. TYPE OF WELL        | OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                  |
| 2. TYPE OF COMPLETION  | NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. REVD. <input type="checkbox"/> OTHER <input type="checkbox"/> |
| 3. Name of Operator    | Zenith Energy Corporation                                                                                                                                                                                   |
| 4. Address of Operator | P.O. Box 1038, Kilgore Texas 75662                                                                                                                                                                          |
| 5. Location of Well    |                                                                                                                                                                                                             |

UNIT LETTER A LOCATED 650' FEET FROM THE East LINE AND 1,210 FEET FROM

|                                                                   |                      |                                 |                                       |                                 |
|-------------------------------------------------------------------|----------------------|---------------------------------|---------------------------------------|---------------------------------|
| 6. Date Spudded                                                   | 7. Date T.D. Reached | 8. Date Compl. (Ready to Prod.) | 9. Elevations (IF, RAB, RT, GR, etc.) | 10. Elev. Casinghead            |
| 4-21-80                                                           |                      | 4-27-80                         | 6,424' - GR                           |                                 |
| 11. Total Depth                                                   | 12. Plug Back T.D.   | 13. Multiple Compl., How Many   | 14. Intervals Drilled By              | 15. Rotary Tools                |
| 742"                                                              | 742'                 |                                 |                                       | 0-742'                          |
| 16. Producing Interval(s), of this completion - Top, bottom, Name |                      |                                 |                                       | 17. Was Directional Survey Made |
| 727' - 746' - Hospah                                              |                      |                                 |                                       | NO                              |
| 18. Type Electric and Other Logs Run                              |                      |                                 |                                       | 19. Was Well Cored              |
| G/R - N                                                           |                      |                                 |                                       | No                              |

| CASING RECORD (Report all strings set in well) |                |           |           |                  |               |
|------------------------------------------------|----------------|-----------|-----------|------------------|---------------|
| CASING SIZE                                    | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 4 1/2                                          | 11.00          | 426' 726  | 7 7/8     | 175 SKS          | ----          |
|                                                |                |           |           |                  |               |
|                                                |                |           |           |                  |               |

| LINER RECORD |     |        |              |        | TUBING RECORD |           |            |
|--------------|-----|--------|--------------|--------|---------------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE          | DEPTH SET | PACKER SET |
|              |     |        |              |        |               |           |            |
|              |     |        |              |        |               |           |            |

|                                                    |                                                |
|----------------------------------------------------|------------------------------------------------|
| 20. Perforation Record (Interval, size and number) | 21. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |
|                                                    | DEPTH INTERVAL                                 |
|                                                    | AMOUNT AND KIND MATERIAL USED                  |
|                                                    |                                                |
|                                                    |                                                |

| PRODUCTION                                                 |                                                                         |                             |                             |                |                                    |                               |                     |
|------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------|-----------------------------|----------------|------------------------------------|-------------------------------|---------------------|
| 22. First Production                                       | 23. Production Method (Flowing, gas lift, pumping - size and type pump) |                             |                             |                | 24. Well Status (Prod. or Shut-in) |                               |                     |
| 5-4-80                                                     | Pumping - 1 1/2" - Pump                                                 |                             |                             |                | Production                         |                               |                     |
| 25. Date of Test                                           | 26. Hours Tested                                                        | 27. Choke Size              | 28. Prod'n. Per Test Period | 29. Oil - Bbl. | 30. Gas - MCF                      | 31. Water - Bbl.              | 32. Gas - Oil Ratio |
| 5-5-80                                                     | 24                                                                      | 1 1/2" - Pump               |                             | 20             | 0                                  | 0                             | 0                   |
| 33. Test Tubing Press.                                     | 34. Casing Pressure                                                     | 35. Calculated 24-Hour Rate | 36. Oil - Bbl.              | 37. Gas - MCF  | 38. Water - Bbl.                   | 39. Oil Gravity - API (Corr.) |                     |
| 20#                                                        | 0                                                                       |                             | 20                          | 0              | 0                                  |                               |                     |
| 40. Disposition of Gas (Sold, used for fuel, vented, etc.) |                                                                         |                             |                             |                |                                    | 41. Test Witnessed By         |                     |
| Vented                                                     |                                                                         |                             |                             |                |                                    | Charles Pepper                |                     |

42. List of Attachments

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.

David Blomberg Field Agent 5-11-80

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or reworked well. It shall be accompanied by one copy of all electrical or lithologically log run in the well and a summary of all reported test results developed in drilling operations. All depths reported shall be measured depths, in the case of directionally drilled wells, true vertical depths shall also be reported. For recording see Form 1150, Item 14. Through 14 shall be repeated for each zone. This form is to be filed in quadruplicate except on case bond, where only one copy is required. See Rule 1152.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

T. Anhy \_\_\_\_\_  
T. Salt \_\_\_\_\_  
D. Salt \_\_\_\_\_  
T. Yates \_\_\_\_\_  
T. 7 Rivers \_\_\_\_\_  
T. Queen \_\_\_\_\_  
T. Grayburg \_\_\_\_\_  
T. San Andres \_\_\_\_\_  
T. Glorieta \_\_\_\_\_  
T. Paddock \_\_\_\_\_  
T. Blinberry \_\_\_\_\_  
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. \_\_\_\_\_  
T. \_\_\_\_\_

### Northwestern New Mexico

T. Ojo Alamo \_\_\_\_\_  
T. Kirtland-Fruitland \_\_\_\_\_  
T. Pictured Cliffs \_\_\_\_\_  
T. Cliff House \_\_\_\_\_  
T. Menefee \_\_\_\_\_  
T. Point Lookout \_\_\_\_\_  
T. Mancos 535-724 \_\_\_\_\_  
T. Gallup \_\_\_\_\_  
Base Greenhorn \_\_\_\_\_  
T. Dakota \_\_\_\_\_  
T. Morrison \_\_\_\_\_  
T. Tediito \_\_\_\_\_  
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 Quartz \_\_\_\_\_  
T. Granite \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_

## OIL OR GAS SANDS OR ZONES

No. 1, from 726' to 742' 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<br>in Feet | Formation                             | From | To | Thickness<br>in Feet | Formation |
|------|-----|----------------------|---------------------------------------|------|----|----------------------|-----------|
| Surf | 210 | 201'                 | Hosta Sandstone                       |      |    |                      |           |
| 201  | 515 | 314'                 | Gibson Coal Member of Crevasse Canyon |      |    |                      |           |
| 515  | 535 | 20'                  | Dalton Sandstone                      |      |    |                      |           |
| 535  | 724 | 189'                 | Mulatto Tongue of Mancos Shale        |      |    |                      |           |
| 724  | 742 | 18'                  | Hospah Sand                           |      |    |                      |           |

11-1-65 REPLY TO 3

|              |   |
|--------------|---|
| DISTRIBUTION |   |
| SANTA FE     | 1 |
| FILE         | 1 |
| U.S.G.S.     |   |
| LAND OFFICE  |   |
| OPERATOR     | 1 |

# NEW MEXICO OIL CONSERVATION COMMISSION

Supersedes Old  
C-102 and C-103  
Effective 1-1-65

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. State Oil & Gas Lease No.

## SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

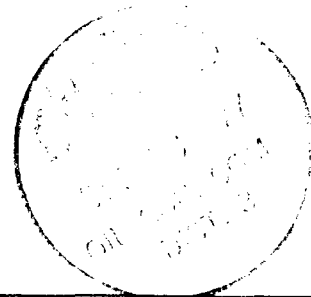
|                                                                                                                                                                                                        |                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                                       | 7. Unit Agreement Name                                |
| 2. Name of Operator<br>Northern Minerals, Inc.                                                                                                                                                         | 8. Farm or Lease Name<br>Santa Fe Pacific             |
| 3. Address of Operator<br>Box 2182, Santa Fe, New Mexico 87501                                                                                                                                         | 9. Well No.<br>23                                     |
| 4. Location of Well<br>UNIT LETTER <u>G</u> <u>2310</u> FEET FROM THE <u>North</u> LINE AND <u>1650</u> FEET FROM<br>THE <u>East</u> LINE, SECTION <u>20</u> TOWNSHIP <u>16N</u> RANGE <u>6W</u> NMPM. | 10. Field and Pool, or Wildcat<br>Miguel Creek Gallup |
| 15. Elevation (Show whether DF, RT, GR, etc.)<br>6790 GR                                                                                                                                               | 12. County<br>McKinley                                |

### 16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

|                                                |                                                      |                                                             |                                                          |
|------------------------------------------------|------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input checked="" type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>                      | ALTERING CASING <input type="checkbox"/>                 |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>                | COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/> | PLUG AND ABANDONMENT <input checked="" type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/>  | OTHER <input type="checkbox"/>                       | CASING TEST AND CEMENT JOBS <input type="checkbox"/>        |                                                          |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Spud 8/2/77. Drilled 6½" hole to 1170'. Cored 1170-1187. Cut 17', Rec. 12', all shale. Drilled to 1201'. Cored 1201' to 1215'. Cut 14', Rec. 8'. Tight sand with no shows, water bearing. Ran Electric Log. Spotted cement plugs 1215-1100' (Hospah), 700'-600' (base Pt. Lookout), 5 sx @ surface. Will notify Commission when dry hole marker set and location cleaned up.



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

SIGNED Mark E. Weidls TITLE Consultant Geologist DATE 9/12/77

Original Signed by A. R. Kendrick TITLE SUPERVISOR OF TEST. DATE 9/12/77

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

# ILLEGIBLE

Form C-105  
Revised 10-1-78STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                                                                                                                                                                                                                         |                                  |                                                                            |                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------|--------------------------------|
| <b>1. OPERATOR'S OFFICE</b>                                                                                                                                                                                             |                                  | <b>2. INDICATE TYPE OF LEASE</b>                                           |                                |
| <b>DISTRIBUTION</b>                                                                                                                                                                                                     |                                  | State <input type="checkbox"/> Fed <input checked="" type="checkbox"/>     |                                |
| <b>SANTA FE</b>                                                                                                                                                                                                         |                                  | <b>3. Lease Oil &amp; Gas Lease No.</b>                                    |                                |
| <b>FILE</b>                                                                                                                                                                                                             |                                  | 0-9725                                                                     |                                |
| <b>U.S.A.</b>                                                                                                                                                                                                           |                                  | <b>7. Unit Agreement Name</b>                                              |                                |
| <b>LAND OFFICE</b>                                                                                                                                                                                                      |                                  |                                                                            |                                |
| <b>OPERATOR</b>                                                                                                                                                                                                         |                                  | <b>8. Term of Lease Name</b>                                               |                                |
|                                                                                                                                                                                                                         |                                  | SEPRR                                                                      |                                |
| <b>1. TYPE OF WELL</b>                                                                                                                                                                                                  |                                  | <b>9. Well No.</b>                                                         |                                |
| OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                              |                                  | 24                                                                         |                                |
| <b>2. TYPE OF COMPLETION</b>                                                                                                                                                                                            |                                  | <b>10. Field and Pool, or Wildcat</b>                                      |                                |
| NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESER. <input type="checkbox"/> OTHER <input type="checkbox"/> |                                  | Miguel Creek Gallup                                                        |                                |
| <b>3. Name of Operator</b>                                                                                                                                                                                              |                                  | <b>11. County</b>                                                          |                                |
| Zenith Energy Corporation                                                                                                                                                                                               |                                  | McKinley                                                                   |                                |
| <b>4. Address of Operator</b>                                                                                                                                                                                           |                                  | <b>12. Date Spudded</b>                                                    |                                |
| P.O. Box 1038 Kilgore, Texas 75662                                                                                                                                                                                      |                                  | 7-25-80                                                                    |                                |
| <b>5. Location of Well</b>                                                                                                                                                                                              |                                  | <b>16. Date T.D. Reached</b>                                               |                                |
| NEUTER A LOCATED 330' FEET FROM THE North LINE AND 990' FEET FROM                                                                                                                                                       |                                  | 8-2-80                                                                     |                                |
|                                                                                                                                                                                                                         |                                  | <b>17. Date Compl. (Ready to Prod.)</b>                                    |                                |
|                                                                                                                                                                                                                         |                                  | 8-28-80                                                                    |                                |
|                                                                                                                                                                                                                         |                                  | <b>18. Elevations (H.F., RAB, RT, GR, etc.)</b>                            |                                |
|                                                                                                                                                                                                                         |                                  | 6427                                                                       |                                |
|                                                                                                                                                                                                                         |                                  | <b>19. Elev. Casinghead</b>                                                |                                |
|                                                                                                                                                                                                                         |                                  | 6248+6427                                                                  |                                |
| <b>20. Total Depth</b>                                                                                                                                                                                                  |                                  | <b>21. Plug Back T.D.</b>                                                  |                                |
| 775'                                                                                                                                                                                                                    |                                  | 775'                                                                       |                                |
| <b>22. If Multiple Compl., How Many</b>                                                                                                                                                                                 |                                  | <b>23. Intervals Drilled By</b>                                            |                                |
|                                                                                                                                                                                                                         |                                  | Rotary Tools Yes                                                           |                                |
| <b>24. Producing Interval(s), of this completion - Top, Bottom, Name</b>                                                                                                                                                |                                  | <b>25. Was Directional Survey Made</b>                                     |                                |
| 745-768' Hospah                                                                                                                                                                                                         |                                  | No                                                                         |                                |
| <b>26. Type Electric and Other Logs Run</b>                                                                                                                                                                             |                                  | <b>27. Was Well Cored</b>                                                  |                                |
| GR/N                                                                                                                                                                                                                    |                                  | No                                                                         |                                |
| <b>28. CASING RECORD (Report all strings set in well)</b>                                                                                                                                                               |                                  |                                                                            |                                |
| <b>CASING SIZE</b>                                                                                                                                                                                                      | <b>WEIGHT LB./FT.</b>            | <b>DEPTH SET</b>                                                           | <b>HOLE SIZE</b>               |
| 4 1/2"                                                                                                                                                                                                                  | 11.0#                            | 775                                                                        | 7 7/8"                         |
|                                                                                                                                                                                                                         |                                  | <b>CEMENTING RECORD</b>                                                    |                                |
|                                                                                                                                                                                                                         |                                  | 175 sacks class H                                                          |                                |
|                                                                                                                                                                                                                         |                                  | <b>AMOUNT PULLED</b>                                                       |                                |
|                                                                                                                                                                                                                         |                                  |                                                                            |                                |
| <b>29. LINER RECORD</b>                                                                                                                                                                                                 |                                  |                                                                            |                                |
| <b>SIZE</b>                                                                                                                                                                                                             | <b>TOP</b>                       | <b>BOTTOM</b>                                                              | <b>SACKS CEMENT</b>            |
| ---                                                                                                                                                                                                                     | ----                             | ----                                                                       | -----                          |
| <b>30. TUBING RECORD</b>                                                                                                                                                                                                |                                  |                                                                            |                                |
| <b>SIZE</b>                                                                                                                                                                                                             | <b>DEPTH SET</b>                 | <b>PACKER SET</b>                                                          |                                |
| 2 3/8                                                                                                                                                                                                                   | 745'                             | -----                                                                      |                                |
| <b>31. Perforation Record (Interval, size and number)</b>                                                                                                                                                               |                                  |                                                                            |                                |
| 745'-755' 4 JSPF                                                                                                                                                                                                        |                                  |                                                                            |                                |
| 759'-763' 3 1/8 casing gun                                                                                                                                                                                              |                                  |                                                                            |                                |
| 765'-768'                                                                                                                                                                                                               |                                  |                                                                            |                                |
| <b>32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.</b>                                                                                                                                                                   |                                  |                                                                            |                                |
| <b>DEPTH INTERVAL</b>                                                                                                                                                                                                   |                                  | <b>AMOUNT AND KIND MATERIAL USED</b>                                       |                                |
| 745'-768                                                                                                                                                                                                                |                                  | 8500# Foam Frac                                                            |                                |
| <b>33. PRODUCTION</b>                                                                                                                                                                                                   |                                  |                                                                            |                                |
| <b>First Production</b>                                                                                                                                                                                                 |                                  | <b>Production Method (Flowing, gas lift, pumping - Size and type pump)</b> |                                |
| 8-28-80                                                                                                                                                                                                                 |                                  | Pump to test tank                                                          |                                |
| <b>Well Status (Prod. or Shut-in)</b>                                                                                                                                                                                   |                                  | <b>Prod.</b>                                                               |                                |
| <b>Date of Test</b>                                                                                                                                                                                                     | <b>Hours Tested</b>              | <b>Choke Size</b>                                                          | <b>Prod'n. For Test Period</b> |
| 9-4-80                                                                                                                                                                                                                  | 24                               | Full                                                                       | 16                             |
| <b>Oil - Bbl.</b>                                                                                                                                                                                                       | <b>Gas - MCF</b>                 | <b>Water - Bbl.</b>                                                        | <b>Gas - Oil Ratio</b>         |
| 16                                                                                                                                                                                                                      | -                                | 4                                                                          | -                              |
| <b>Flow Tubing Press.</b>                                                                                                                                                                                               | <b>Casing Pressure</b>           | <b>Calculated 24-Hr. Oil - Bbl.</b>                                        | <b>Gas - MCF</b>               |
| 0                                                                                                                                                                                                                       | 0                                | 16                                                                         | 4                              |
| <b>Water - Bbl.</b>                                                                                                                                                                                                     | <b>Oil Gravity - API (Corr.)</b> |                                                                            |                                |
| 4                                                                                                                                                                                                                       | 30 API                           |                                                                            |                                |
| <b>34. Disposition of Casing (Sold, used for fuel, vented, etc.)</b>                                                                                                                                                    |                                  |                                                                            |                                |
| Test Witnessed By                                                                                                                                                                                                       |                                  |                                                                            |                                |
| [Signature]                                                                                                                                                                                                             |                                  |                                                                            |                                |
| <b>35. List of Attachments</b>                                                                                                                                                                                          |                                  |                                                                            |                                |
|                                                                                                                                                                                                                         |                                  |                                                                            |                                |
| <b>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.</b>                                                                          |                                  |                                                                            |                                |
| [Signature]                                                                                                                                                                                                             |                                  |                                                                            |                                |

# INSTRUCTIONS

This form is to be filed 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 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 a fully completed well, Items 1 through 34 shall be repeated for each zone. This form is to be filed in duplicate except on state land, where trip copies are required. Form H-1155.

## 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. Kittland-Fruitland _____  | T. Penn. "C" _____      |
| B. 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 <u>0-Surface</u>   | T. McCracken _____      |
| T. San Andres _____      | T. Simpson _____       | T. Gallup <u>Hospah -744</u> | T. Ignacio Quartz _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____         | T. Granite _____        |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____              | T. _____                |
| T. Blinberry _____       | T. Gr. Wash _____      | T. Morrison _____            | T. _____                |
| T. Tubb _____            | T. Granite _____       | T. Todillo _____             | 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. 1, from _____ to _____ |
| No. 2, from _____ to _____ | No. 3, 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<br>in Feet | Formation      | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|----------------|------|----|----------------------|-----------|
| 0    | 744' | 744'                 | T Moncos Shale |      |    |                      |           |
| 744  | 755  | 31'                  | Gallup-Hospah  |      |    |                      |           |

# ILLEGIBLE

Form C-103  
Revised 10-1-78

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                  |  |
|------------------|--|
| NAME OF OPERATOR |  |
| DISTRIBUTION     |  |
| SANTA FE         |  |
| FILE             |  |
| DATE             |  |
| CASE OFFICE      |  |
| OPERATOR         |  |

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. Lease Oil & Gas Lease No.  
0-9725

7. Unit Agreement Name

8. Form of Lease Name

SEPRR

9. Well No.

25

10. Field and Pool, or Wildcat

Miguel Creek-Gallup

1. TYPE OF WELL

OIL WELL ☒GAS WELL ☐DRY ☐OTHER ☐

2. TYPE OF COMPLETION

NEW WELL ☒MORE OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. BEVEL ☐OTHER ☐

3. Name of Operator

Zenith Energy Corporation

4. Address of Operator

P.O. Box 1038 Kilgore, Texas 75662

5. Location of Well

6. Well Letter A LOCATED 330' FEET FROM THE North LINE AND 330' FEET FROM

7. East LINE OF SEC. 29 TWP. 16N REC. 6W NMPM

12. County

McKinley

8. Date Spudded

8-11-80

16. Date T.D. Reached

8-15-80

17. Date Compl. (Ready to Prod.)

8-30-80

18. Elevations (D.F., R.A.B., RT, CR, etc.)

6429'

19. Elev. Casinghead

6430'

9. Total Depth

775'

21. Plug Back T.D.

771'

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

Yes

Cable Tools

24. Producing Interval(s), of this completion - Top, bottom, Name

750' - 764'

25. Was Directional Survey Made

NO

26. Type Electric and Other Logs Run

GR/N

27. Was Well Cored

## CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 4 1/2"      | 11.0 #         | 775'      | 7 7/8"    | 175 sack         |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

## LINER RECORD

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

## 30. TUBING RECORD

| SIZE  | DEPTH SET | PACKER SET |
|-------|-----------|------------|
| 2 3/8 | 741'      |            |
|       |           |            |

31. Perforation Record (Interval, size and number)

754'-761' 4 JSPP  
1 11/16 Tornado Jets

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

DEPTH INTERVAL  
754'-761'AMOUNT AND KIND OF MATERIAL USED  
250 Gal HCl Acid

## PRODUCTION

33. First Production

8-30-80

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

Pump to test tank

35. Well Status (Prod. or Shut-in)

Prod

| Date of Test   | Hours Tested    | Choke Size              | Pressure, Pst Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.              | Gas - Oil Ratio |
|----------------|-----------------|-------------------------|---------------------------|------------|--------------|---------------------------|-----------------|
| 9-2-80         | 24 hr           | Full                    |                           | 13         | 0            | 4                         | -               |
| Flowing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl.                | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.) |                 |
| 0              | 0               |                         | 13                        | 0          | 4            | 30 API                    |                 |

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

37. Test Witnessed By

Jim Pepper

38. List of Attachments

39. 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

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or reworked well. It shall be completed by one person at all times and shall be kept on the well and a copy of all reported tests shall be filed in the District Office. All depths reported shall be measured by the bottom of the directionally drilled well, true vertical depth shall be reported for vertical wells. The form shall be filled in for each zone. The form is to be filled in for each zone only when required. See Rule 1152.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

|                          |                        |                              |                       |
|--------------------------|------------------------|------------------------------|-----------------------|
| T. Anby _____            | T. Canyon _____        | T. Ojo Alamo _____           | T. Penn. "B" _____    |
| T. Salt _____            | T. Strawn _____        | T. Kittling-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 <u>Surface</u>     | T. McCracken _____    |
| T. San Andres _____      | T. Simpson _____       | T. Gallup <u>Hospah 744'</u> | T. Ignacio Quiz _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____         | T. Granite _____      |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____              | T. _____              |
| T. Blinberry _____       | T. Gr. Wash _____      | T. Morrison _____            | T. _____              |
| T. Tubb _____            | T. Granite _____       | T. Todillo _____             | 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 <u>750'</u> to <u>764'</u> | 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    | 744 | 744               | upper Mancos Shale |      |    |                   |           |
| 744  | 775 | 31'               | Gallup- Hospah     |      |    |                   |           |

# ILLEGIBLE

Form C-103  
Revised 10-1-78STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |  |
|------------------------|--|
| NO. OF COPIES RECEIVED |  |
| DISTRIBUTION           |  |
| SANTA FE               |  |
| FILE                   |  |
| MAIL                   |  |
| LAND OFFICE            |  |
| OPERATOR               |  |

5a. Indicate Type of Lease  
State ☐ Fee ☒

5. Lease Unit & Containing Tract  
0-9725

7. Unit Agreement Name

8. Form of Lease Name  
SEPRR

9. Well No.  
26

10. Field and Pool, or Wildcat  
Miguel Creek-Gallup

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

1. TYPE OF COMPLETION  
NEW WELL ☒ RE-ENTRY ☐ DEEPEN ☐ PLUS BACK ☐ DIFF. DESIG. ☐ OTHER ☐

1. Name of Operator  
Zenith Energy Corporation

1. Address of Operator  
P.O. Box 1038 Kilgore, Texas 75662

1. Location of Well

1. SECTION A LOCATED 660' FEET FROM THE North LINE AND 660' FEET FROM East LINE OF SEC. 29 TWP. 16N RGE. 6W NMPM

15. Date Spudded 8-4-80 16. Date T.D. Reached 8-8-80 17. Date Compl. (Ready to Prod.) 8-29-80 18. Elevations (DF, RAB, RT, GR, etc.) 6433 GI 19. Elev. Casinghead 6434'

20. Total Depth 775' 21. Plug Back T.D. 770' 22. If Multiple Compl., How Many 23. Interval Drilled By Rotary Tools YES Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name 742'-762' - Gallup- Hospah

25. Type Electric and Other Logs Run GR/N 27. Was Well Cored NO

| CASING RECORD (Report all strings set in well) |                |           |           |                  |               |
|------------------------------------------------|----------------|-----------|-----------|------------------|---------------|
| CASING SIZE                                    | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 4 1/2"                                         | 11.0#          | 775'      | 7 7/8"    | 160 sacks        |               |
|                                                |                |           |           |                  |               |
|                                                |                |           |           |                  |               |

| LINER RECORD |     |        |              |        | TUBING RECORD |           |            |
|--------------|-----|--------|--------------|--------|---------------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE          | DEPTH SET | PACKER SET |
|              |     |        |              |        | 2 3/8         | 739'      |            |

28. Perforation Record (Interval, size and number)  
744'-747' 4 JSPF  
752'-760' 3 1/8 casing gun

29. ACID, SHOT, FRACTURE, CEMENT, ETC.  
DEPTH INTERVAL 744'-760' AMOUNT ACID AND MATERIAL USED 250 Gal HCL Acid  
SEP 8 1980  
OIL CO. COM.  
DIST. S

30. PRODUCTION  
30. First Production 8-29-80 Production Method (flaring, gas lift, pumping - Size and type pump) Pump to test tank Well Status (Prod. or Shut-in) Prod.

|                         |                   |                         |                        |              |                |                                 |                   |
|-------------------------|-------------------|-------------------------|------------------------|--------------|----------------|---------------------------------|-------------------|
| 30. Date of Test 8-3-80 | Hours Tested 24   | Choke Size Full         | Prodn. For Test Period | Oil - Bbl. 9 | Gas - MCF -    | Water - Bbl. 2                  | Gas - Oil Ratio - |
| 30. Tubing Press. 0     | Casing Pressure 0 | Calculated 24-Hour Rate | Oil - Bbl. 9           | Gas - MCF -  | Water - Bbl. 2 | Oil Gravity - API (Lorr.) 30API |                   |

31. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Test Witnessed by [Signature]

32. 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 [Signature] TITLE Representative DATE 8-5-80

ILLEGIBLE

Form C-103  
Revised 10-1-78

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                          |  |
|--------------------------|--|
| NO. OF DEEPER OPERATIONS |  |
| DISTRIBUTION             |  |
| SANTA FE                 |  |
| FILE                     |  |
| NO. OF                   |  |
| COMPLETION               |  |
| OPERATION                |  |

|                                 |                                                                        |
|---------------------------------|------------------------------------------------------------------------|
| 5a. Indicate Type of Lease      | State <input type="checkbox"/> Fee <input checked="" type="checkbox"/> |
| 5. Lease Unit & Lease Number    | 0-9725                                                                 |
| 7. Unit Agreement Name          |                                                                        |
| 8. Form or Lease Name           | SFPRR                                                                  |
| 9. Well No.                     | 27                                                                     |
| 10. Field and Front, or Wildcat | Miguel Creek-Gallup                                                    |
| 11. County                      | McKinley                                                               |

|                       |                                                                                                                                                                                                                      |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. TYPE OF WELL       | OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                           |
| 2. TYPE OF COMPLETION | NEW WELL <input checked="" type="checkbox"/> REPAIR <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. DESIG. <input type="checkbox"/> OTHER <input type="checkbox"/> |

|                        |                               |
|------------------------|-------------------------------|
| 3. Name of Operator    | Zenith Energy Corporation     |
| 4. Address of Operator | Box 1038 Kilgore, Texas 75662 |
| 5. Location of Well    |                               |

|                |    |            |     |                  |       |             |     |               |          |
|----------------|----|------------|-----|------------------|-------|-------------|-----|---------------|----------|
| 6. Well Letter | P  | 7. Located | 290 | 8. Feet from the | South | 9. Line and | 330 | 10. Feet from |          |
| 11. East       | 20 | 12. Twp.   | 16N | 13. Rge.         | 6W    | 14. NMPM    |     | 15. County    | McKinley |

|                                                                   |                  |                       |         |                                  |          |                                                 |              |                                 |      |
|-------------------------------------------------------------------|------------------|-----------------------|---------|----------------------------------|----------|-------------------------------------------------|--------------|---------------------------------|------|
| 16. Date Spudded                                                  | 10-2-80          | 17. Date T.D. Reached | 10-4-80 | 18. Date Compl. (Ready to Prod.) | 10-20-80 | 19. Elevations (L.F., R.A.B., R.T., G.R., etc.) | 6406 GR      | 20. Elev. Casinghead            | 6406 |
| 21. Total Depth                                                   | 754'             | 22. Plug Back T.D.    | 751'    | 23. If Multiple Compl., How Many | 0        | 24. Intervals Drilled By                        | Rotary Tools | 25. Cable Tools                 | yes  |
| 26. Producing Interval(s), of this completion - Top, Bottom, Name | 719'-746' Hospah |                       |         |                                  |          |                                                 |              | 27. Was Directional Survey Made | yes  |
| 28. Type Electric and Other Logs Run                              | GR-N             |                       |         |                                  |          |                                                 |              | 29. Was Well Cored              | yes  |

| CASING RECORD (Report all strings set in well) |                |           |           |                  |
|------------------------------------------------|----------------|-----------|-----------|------------------|
| CASING SIZE                                    | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD |
| 4 1/2"                                         | 11             | 751'      | 7 7/8"    | 160              |
|                                                |                |           |           |                  |
|                                                |                |           |           |                  |
|                                                |                |           |           |                  |

| LINER RECORD |     |        |              |        | 30. TUBING RECORD |           |            |
|--------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
| 0            | 0   | 0      | 0            | 0      | 2 3/8"            | 721'      | 0          |
|              |     |        |              |        |                   |           |            |
|              |     |        |              |        |                   |           |            |

|                                                    |                                                |
|----------------------------------------------------|------------------------------------------------|
| 31. Perforation Record (Interval, size and number) | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |
| 716'-718' 4 JSPF                                   | DEPTH INTERVAL                                 |
| 721'-729' " "                                      | AMOUNT AND KIND MATERIAL USED                  |
| 736'-741' " "                                      | 0                                              |
| 744'-747' " "                                      |                                                |
|                                                    |                                                |
|                                                    |                                                |

| PRODUCTION                                                 |           |                                                                         |              |                                        |                               |                  |                    |
|------------------------------------------------------------|-----------|-------------------------------------------------------------------------|--------------|----------------------------------------|-------------------------------|------------------|--------------------|
| 33. First Production                                       | 11-10-80  | 34. Production Method (Flowing, gas lift, pumping - size and type pump) | pump 2" x 8' | 35. Well Status (Producing or Shut-in) | shut-in                       | 36. Hours Tested | 24                 |
| 37. Date of Test                                           | 11-11-80  | 38. Choke Size                                                          | full         | 39. Production for Test Period         | Oil - bbl. 21                 | 40. Gas - MCF 0  | 41. Water - bbl. 4 |
| 42. Flow Tubing Press.                                     | 0         | 43. Casing Pressure                                                     | vac          | 44. Calculated 24-hour rate            | Oil - bbl. 21                 | 45. Gas - MCF 0  | 46. Water - bbl. 4 |
| 47. Disposition of Gas (Sold, used for fuel, vented, etc.) | vented    |                                                                         |              |                                        | 48. Oil Gravity - API (Corr.) | 31               |                    |
| 49. Test Witnessed By                                      | Joe Marez |                                                                         |              |                                        |                               |                  |                    |

50. List of Attachments  
11-15-RT

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-filled or newly-refilled well. It shall be accompanied by one copy of all chemical and bacteriological logs run in the well and a summary of all special tests conducted in the well. All depths reported shall be measured dry hole, in the case of directionally drilled wells, true vertical depth shall be reported. For a copy of the completed form, see the applicable section of the applicable regulations. This form is to be filed in quadruplicate except in the case of a well where the regulations require less than 4 copies.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

## Northwestern New Mexico

|                          |                        |                             |                        |
|--------------------------|------------------------|-----------------------------|------------------------|
| T. Ashy _____            | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____            | T. Strawn _____        | T. Kirtland Fruitland _____ | T. Penn. "C" _____     |
| B. 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 _____      | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qizte _____ |
| T. Glorietta _____       | T. McKee _____         | Bose Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinobry _____        | T. Gr. Wash _____      | T. Morrison _____           | T. _____               |
| T. Tubb _____            | T. Grmite _____        | T. Todillo _____            | 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<br>in Feet | Formation      | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|----------------|------|----|----------------------|-----------|
| 0'   | 719' | 719'                 | T Moncos Shale |      |    |                      |           |
| 719  | 746' | 27'                  | Gallup-Hospah  |      |    |                      |           |

# ILLEGIBLE

Form C-103  
Revised 10-1-78STATE OF NEW MEXICO  
OIL AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |  |
|------------------------|--|
| NO. OF COPIES RECEIVED |  |
| DISTRIBUTION           |  |
| SALES                  |  |
| FILE                   |  |
| LEGAL                  |  |
| LAND OFFICE            |  |
| OPERATION              |  |

|                                                                         |
|-------------------------------------------------------------------------|
| 3a. Indicate Type of Lease                                              |
| State <input type="checkbox"/> Free <input checked="" type="checkbox"/> |
| 3. Lease or Conveyance No.                                              |
| 0-9725                                                                  |
| 7. Unit Agreement Name                                                  |
| 8. Farm or Lease Name                                                   |
| SFPRR                                                                   |
| 9. Well No.                                                             |
| 28                                                                      |
| 10. Field and Farm, or Wildcat                                          |
| Miguel Creek-Gallup                                                     |
| 11. County                                                              |
| McKinley                                                                |

|                        |                                                                                                                                                                                                              |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. TYPE OF WELL        | OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                   |
| 2. TYPE OF COMPLETION  | NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESER. <input type="checkbox"/> OTHER <input type="checkbox"/> |
| 3. Name of Operator    | Zenith Energy Corp.                                                                                                                                                                                          |
| 4. Address of Operator | Box 1038 Kilgore, Texas 75662                                                                                                                                                                                |
| 5. Location of Well    |                                                                                                                                                                                                              |

|                 |              |                       |         |                                  |         |                                        |              |                      |      |
|-----------------|--------------|-----------------------|---------|----------------------------------|---------|----------------------------------------|--------------|----------------------|------|
| 6. NEUTER       | P            | LOCATED               | 990     | FEET FROM THE                    | South   | LINE AND                               | 330          | FEET FROM            |      |
| 7. East         | LINE OF SEC. | 20                    | TWP.    | 16N                              | RCE.    | 6W                                     | NMPM         |                      |      |
| 8. Date Spudded | 9-19-80      | 16. Date T.D. Reached | 9-20-80 | 17. Date Compl. (Ready to Prod.) | 10-2-80 | 18. Elevations (DF, RAB, RT, GR, etc.) | 6416         | 19. Elev. Casinghead | 6416 |
| 9. Total Depth  | 765'         | 21. Plug Back T.D.    | 765'    | 22. If Multiple Compl., How Many | -----   | 23. Intervals Drilled By               | Rotary Tools | Cable Tools          |      |

|                                                                   |           |                                 |     |
|-------------------------------------------------------------------|-----------|---------------------------------|-----|
| 10. Producing Interval(s), of this completion - Top, Bottom, Name | 740'-765' | 25. Was Directional Survey Made | yes |
| 11. Type Electric and Other Logs Run                              | GR-N      | 27. Was Well Cored              | no  |

| CASING RECORD (Report all strings set in well) |                |           |           |                  |               |
|------------------------------------------------|----------------|-----------|-----------|------------------|---------------|
| CASING SIZE                                    | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 4 1/2                                          | 11/0           | 740       | 7 7/8     | 160 sks          |               |
|                                                |                |           |           |                  |               |
|                                                |                |           |           |                  |               |

| LINER RECORD |     |        |              |        | 30. TUBING RECORD |           |            |
|--------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|              |     |        |              |        | 2 3/8             | 710       | -----      |
|              |     |        |              |        |                   |           |            |

| Perforation Record (Interval, size and number) |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                               |
|------------------------------------------------|--|------------------------------------------------|-------------------------------|
| open hole 740'-765'                            |  | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED |
|                                                |  |                                                |                               |
|                                                |  |                                                |                               |
|                                                |  |                                                |                               |

|                                                        |                 |                                                                     |                         |            |              |                                |               |
|--------------------------------------------------------|-----------------|---------------------------------------------------------------------|-------------------------|------------|--------------|--------------------------------|---------------|
| 12. First Production                                   |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |            |              | Well Status (Prod. or Shut-in) |               |
| 11-8-80                                                |                 | pump 2"-8"                                                          |                         |            |              | ST                             |               |
| Date of Test                                           | Hours Tested    | Choke Size                                                          | Prod'n. For Test Period | Oil - bbl. | Gas - MCF    | Water - bbl.                   | Gas-Oil Ratio |
| 11-8-80                                                | 24              | full                                                                | -----                   | 12.77      | ---          | 5                              | -----         |
| Flow Tubing Press.                                     | Casing Pressure | Calculated 24-Hour Rate                                             | Oil - bbl.              | Gas - MCF  | Water - bbl. | Oil Gravity - API (Corr.)      |               |
| -----                                                  | vac             | -----                                                               | 12.77                   | -----      | 5            | 31                             |               |
| Disposition of Gas (Sold, used for fuel, vented, etc.) |                 |                                                                     |                         |            |              | Test Witnessed By              |               |
|                                                        |                 |                                                                     |                         |            |              | Joe Marez                      |               |

|                         |  |
|-------------------------|--|
| 13. List of Attachments |  |
|-------------------------|--|

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.

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly drilled or reworked well. It shall be completed by one copy of all electrical or lithological logs run in the well and a summary of all reported test results. It shall be filed with the District Office. All depths reported shall be measured by the, to the end of directionally drilled wells, true vertical depth shall be reported for all depths to completion, from surface through. It shall be repeated for each zone. The form is to be filed in duplicate and a copy shall be retained where it is required. See Rule 1152.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

|                    |                  |                             |                   |
|--------------------|------------------|-----------------------------|-------------------|
| T. Arby            | T. Canyon        | T. Ojo Alamo                | T. Penn. "B"      |
| T. Salt            | T. Strawn        | T. Kirtland Fruitland       | T. Penn. "C"      |
| D. Salt            | T. Atoka         | T. Pictured Cliffs          | T. Penn. "D"      |
| T. Yates           | T. Miss          | T. Cliff House              | T. Leadville      |
| T. 7 Rivers        | T. Devonian      | T. Montee                   | T. Madison        |
| T. Queen           | T. Silurian      | T. Point Lookout            | T. Elbert         |
| T. Grayburg        | T. Montoya       | T. Mancos <u>0=surface</u>  | T. McCracken      |
| T. San Andres      | T. Simpson       | T. Gallup <u>Hospah=740</u> | T. Ignacio Q. zte |
| T. Glorieta        | T. McKee         | Base Greenhorn              | T. Granite        |
| T. Paddock         | T. Ellenburger   | T. Dakota                   | T.                |
| T. Blinbry         | T. Gr. Wash      | T. Morrison                 | T.                |
| T. Tubb            | T. Granite       | T. Todillo                  | 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<br>in Feet | Formation      | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|----------------|------|----|----------------------|-----------|
| 0    | 740' | 740'                 | T Moncos shale |      |    |                      |           |
| 740  | 765' | 25'                  | Gallup-Hospah  |      |    |                      |           |

# ILLEGIBLE

Form C-108  
Revised 10-1-78

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

|                        |  |
|------------------------|--|
| NO. OF COPIES REQUIRED |  |
| DISTRIBUTION           |  |
| SANTA FE               |  |
| FILE                   |  |
| U.S. M.S.              |  |
| STATE OFFICE           |  |
| OPERATION              |  |

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

30. Indicate Type of License  
State ☐ Fee ☒  
3. State Oil & Gas License No.  
0-9725  
7. Unit Agreement Name  
8. Term or Lease Name  
SFPRR  
9. Well No.  
29  
10. Field and Front, or Wildcat  
Miguel Creek-Gallup

1. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER \_\_\_\_\_  
2. TYPE OF COMPLETION  
NEW WELL ☒ RESS OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESID. ☐ OTHER \_\_\_\_\_  
3. Name of Operator

Zenith Energy Corp.  
Box 1038 Kilgore, Texas 75662

4. Location of Well  
Well Letter I LOCATED 1650 FEET FROM THE South LINE AND 330 FEET FROM

East LINE OF SEC. 20 TWP. 16N SEC. 6W NMPM

|                             |                                  |                                             |                                                     |                              |
|-----------------------------|----------------------------------|---------------------------------------------|-----------------------------------------------------|------------------------------|
| 15. Date Spudded<br>9-17-80 | 16. Date T.D. Reached<br>0-18-80 | 17. Date Compl. (Ready to Prod.)<br>10-6-80 | 18. Elevations (L.F., K.A.B., RT, GK, etc.)<br>6455 | 19. Elev. Casinghead<br>6455 |
| 20. Total Depth<br>797      | 21. Plug Back T.D.<br>797        | 22. If Multiple Compl., How Many<br>-----   | 23. Intervals Drilled By<br>Rotary Tools<br>yes     | Cable Tools<br>-----         |

24. Producing Interval(s), of this completion - Top, Bottom, Name  
786'-797' Hospah  
25. Was Directional Survey Made  
yes  
26. Type Electric and Other Logs Run  
GR-N  
27. Was Well Cored  
no

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

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 4 1/2       | 11.0           | 786       | 7-7/8     | 160 sks          |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | 30. SIZE | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|----------|-----------|------------|
|      |     |        |              |        | 2 3/8    | 756       | -----      |

31. Perforation Record (Interval, size and number)  
open hole 786'-797'

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| -----          | -----                         |
|                |                               |
|                |                               |
|                |                               |

PRODUCTION

33. First Production  
11-9-80  
Production Method (Flowing, gas lift, pumping - size and type pump)  
pump 2" x 81  
Well Status (Prod. or Shut-in)  
S.I.

|                             |                        |                                                |                                                |                       |                                 |                          |
|-----------------------------|------------------------|------------------------------------------------|------------------------------------------------|-----------------------|---------------------------------|--------------------------|
| Date of Test<br>11-10-80    | Hours Tested<br>24     | Choke Size<br>full                             | Prod'n. Per Test Period<br>Oil - bbl.<br>24.36 | Gas - MCF<br>-----    | Water - bbl.<br>1               | Gas - Oil Ratio<br>----- |
| Flow Tubing Press.<br>----- | Casing Pressure<br>vac | Calculated 24-Hour Rate<br>Oil - bbl.<br>24.36 | Gas - MCF<br>-----                             | Water - bbl.<br>----- | Oil Gravity - API (Corr.)<br>31 |                          |

34. Disposition of Casing (Sold, used for fuel, vented, etc.)  
Test Witnessed By  
Joe Marez

35. List of Attachments  
Mary Blanks  
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  
11-15-80

## INSTRUCTIONS

[illegible]

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" _____     |
| D. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____     | T. Penn. "D" _____     |
| T. Yates _____           | T. Miss _____          | T. Cliff House _____         | T. Leadville _____     |
| T. 7 Rivers _____        | T. Devonian _____      | T. Menlee _____              | T. Madison _____       |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____       | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos <u>0-surface</u>   | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____       | T. Gallup <u>Hospah 786'</u> | T. Ignacio Qizte _____ |
| T. Glorieta _____        | T. McKee _____         | Buse 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 (Dough 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<br>in Feet | Formation      | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|----------------|------|----|----------------------|-----------|
| 0    | 786' | 786'                 | T Moncos shale |      |    |                      |           |
| 786' | 797' | 11'                  | Gallup-Hospah  |      |    |                      |           |

# ILLEGIBLE

Form C-105  
Revised 10-1-78

STATE OF NEW MEXICO  
ENERGY AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2488  
SANTA FE, NEW MEXICO 87501

|                        |  |
|------------------------|--|
| NO. OF COPIES REQUIRED |  |
| DISTRIBUTION           |  |
| SANTA FE               |  |
| FILE                   |  |
| INDEX                  |  |
| COPIES TO FILE         |  |
| OPERATION              |  |

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

30. Indicate Type of Lease  
State ☐ Fee ☒  
3. Lease or Conveyance No.  
0-9725

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

2. TYPE OF COMPLETION  
NEW WELL ☒ REPAIR ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. DESIG. ☐ OTHER ☐

4. Name of Operator  
Zenith Energy Corporation

5. Address of Operator  
Box 1038 Kilgore, Texas 75662

6. Location of Well  
COUNTY LETTER P LOCATED 525 FEET FROM THE South LINE AND 990 FEET FROM East LINE OF SEC. 20 TWP. 16N SEC. 6W RMPM

7. Unit Agreement Name

8. Form of Lease Name  
SFPRR

9. Well No.  
30

10. Field and Pool, or Wildcat  
Miguel Creek-Gallup

13. Date Spudded  
9-18-80

16. Date T.D. Reached  
9-1980

17. Date Compl. (Ready to Prod.)  
10-10-80

18. Elevations (LF, HALL, RT, GK, etc.)  
6412' GR.

19. Elev. Casinghead  
6412'

20. Total Depth  
766'

21. Plug Back T.D.  
766'

22. If Multiple Compl., How Many  
0

23. Intervals Drilled By Rotary Tools  
yes

24. Producing Interval(s), of this completion - Top, Bottom, Name  
736'-766' Hospah

25. Was Directional Survey Made  
yes

26. Type Electric and Other Logs Run  
GR-N

27. Was Well Cored  
No

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

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 4 1/2"      | 11             | 736'      | 7 7/8"    | 160 sks.         | 0             |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|------|-----|--------|--------------|--------|
| 0    | 0   | 0      | 0            | 0      |

30. TUBING RECORD

| SIZE   | DEPTH SET | PACKER SET |
|--------|-----------|------------|
| 2 3/8" | 704'      | 0          |

31. Perforation Record (Interval, size and number)  
736'-766' open hole

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 0              | 0                             |

33. PRODUCTION

| First Production | Production Method (Flowing, gas lift, pumping - size and type pump) | Well Status (Prod. or Shut-in) |
|------------------|---------------------------------------------------------------------|--------------------------------|
| 11-8-80          | pump 2" x 8'                                                        | shut-in                        |

| Date of Test | Hours Tested | Choke Size | Prod'n. For Test Period | Oil - bbl. | Gas - MCF | Water - bbl. | Gas - Oil Ratio |
|--------------|--------------|------------|-------------------------|------------|-----------|--------------|-----------------|
| 11-9-80      | 24           | full       |                         | 17.6       | 0         | 7            | 0               |

| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - bbl. | Gas - MCF | Water - bbl. | Oil Gravity - API (Corr.) |
|--------------------|-----------------|-------------------------|------------|-----------|--------------|---------------------------|
| 0                  | vac             |                         | 17.6       | 0         | 7            | 31                        |

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

35. Test Witnessed By  
Joe Marez

36. List of Attachments

37. I certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.  
Barry Blanks  
Rep

1990-1991-1992-1993-1994-1995-1996-1997-1998-1999-2000-2001-2002-2003-2004-2005-2006-2007-2008-2009-2010-2011-2012-2013-2014-2015-2016-2017-2018-2019-2020-2021-2022-2023-2024-2025-2026-2027-2028-2029-2030-2031-2032-2033-2034-2035-2036-2037-2038-2039-2040-2041-2042-2043-2044-2045-2046-2047-2048-2049-2050-2051-2052-2053-2054-2055-2056-2057-2058-2059-2060-2061-2062-2063-2064-2065-2066-2067-2068-2069-2070-2071-2072-2073-2074-2075-2076-2077-2078-2079-2080-2081-2082-2083-2084-2085-2086-2087-2088-2089-2090-2091-2092-2093-2094-2095-2096-2097-2098-2099-2100-2101-2102-2103-2104-2105-2106-2107-2108-2109-2110-2111-2112-2113-2114-2115-2116-2117-2118-2119-2120-2121-2122-2123-2124-2125-2126-2127-2128-2129-2130-2131-2132-2133-2134-2135-2136-2137-2138-2139-2140-2141-2142-2143-2144-2145-2146-2147-2148-2149-2150-2151-2152-2153-2154-2155-2156-2157-2158-2159-2160-2161-2162-2163-2164-2165-2166-2167-2168-2169-2170-2171-2172-2173-2174-2175-2176-2177-2178-2179-2180-2181-2182-2183-2184-2185-2186-2187-2188-2189-2190-2191-2192-2193-2194-2195-2196-2197-2198-2199-2200-2201-2202-2203-2204-2205-2206-2207-2208-2209-2210-2211-2212-2213-2214-2215-2216-2217-2218-2219-2220-2221-2222-2223-2224-2225-2226-2227-2228-2229-2230-2231-2232-2233-2234-2235-2236-2237-2238-2239-2240-2241-2242-2243-2244-2245-2246-2247-2248-2249-2250-2251-2252-2253-2254-2255-2256-2257-2258-2259-2260-2261-2262-2263-2264-2265-2266-2267-2268-2269-2270-2271-2272-2273-2274-2275-2276-2277-2278-2279-2280-2281-2282-2283-2284-2285-2286-2287-2288-2289-2290-2291-2292-2293-2294-2295-2296-2297-2298-2299-2300-2301-2302-2303-2304-2305-2306-2307-2308-2309-2310-2311-2312-2313-2314-2315-2316-2317-2318-2319-2320-2321-2322-2323-2324-2325-2326-2327-2328-2329-2330-2331-2332-2333-2334-2335-2336-2337-2338-2339-2340-2341-2342-2343-2344-2345-2346-2347-2348-2349-2350-2351-2352-2353-2354-2355-2356-2357-2358-2359-2360-2361-2362-2363-2364-2365-2366-2367-2368-2369-2370-2371-2372-2373-2374-2375-2376-2377-2378-2379-2380-2381-2382-2383-2384-2385-2386-2387-2388-2389-2390-2391-2392-2393-2394-2395-2396-2397-2398-2399-2400-2401-2402-2403-2404-2405-2406-2407-2408-2409-2410-2411-2412-2413-2414-2415-2416-2417-2418-2419-2420-2421-2422-2423-2424-2425-2426-2427-2428-2429-2430-2431-2432-2433-2434-2435-2436-2437-2438-2439-2440-2441-2442-2443-2444-2445-2446-2447-2448-2449-2450-2451-2452-2453-2454-2455-2456-2457-2458-2459-2460-2461-2462-2463-2464-2465-2466-2467-2468-2469-2470-2471-2472-2473-2474-2475-2476-2477-2478-2479-2480-2481-2482-2483-2484-2485-2486-2487-2488-2489-2490-2491-2492-2493-2494-2495-2496-2497-2498-2499-2500-2501-2502-2503-2504-2505-2506-2507-2508-2509-2510-2511-2512-2513-2514-2515-2516-2517-2518-2519-2520-2521-2522-2523-2524-2525-2526-2527-2528-2529-2530-2531-2532-2533-2534-2535-2536-2537-2538-2539-2540-2541-2542-2543-2544-2545-2546-2547-2548-2549-2550-2551-2552-2553-2554-2555-2556-2557-2558-2559-2560-2561-2562-2563-2564-2565-2566-2567-2568-2569-2570-2571-2572-2573-2574-2575-2576-2577-2578-2579-2580-2581-2582-2583-2584-2585-2586-2587-2588-2589-2590-2591-2592-2593-2594-2595-2596-2597-2598-2599-2600-2601-2602-2603-2604-2605-2606-2607-2608-2609-2610-2611-2612-2613-2614-2615-2616-2617-2618-2619-2620-2621-2622-2623-2624-2625-2626-2627-2628-2629-2630-2631-2632-2633-2634-2635-2636-2637-2638-2639-2640-2641-2642-2643-2644-2645-2646-2647-2648-2649-2650-2651-2652-2653-2654-2655-2656-2657-2658-2659-2660-2661-2662-2663-2664-2665-2666-2667-2668-2669-2670-2671-2672-2673-2674-2675-2676-2677-2678-2679-2680-2681-2682-2683-2684-2685-2686-2687-2688-2689-2690-2691-2692-2693-2694-2695-2696-2697-2698-2699-2700-2701-2702-2703-2704-2705-2706-2707-2708-2709-2710-2711-2712-2713-2714-2715-2716-2717-2718-2719-2720-2721-2722-2723-2724-2725-2726-2727-2728-2729-2730-2731-2732-2733-2734-2735-2736-2737-2738-2739-2740-2741-2742-2743-2744-2745-2746-2747-2748-2749-2750-2751-2752-2753-2754-2755-2756-2757-2758-2759-2760-2761-2762-2763-2764-2765-2766-2767-2768-2769-2770-2771-2772-2773-2774-2775-2776-2777-2778-2779-2780-2781-2782-2783-2784-2785-2786-2787-2788-2789-2790-2791-2792-2793-2794-2795-2796-2797-2798-2799-2800-2801-2802-2803-2804-2805-2806-2807-2

Northwestern New Mexico

|             |               |              |                       |                |              |                  |               |             |                  |                  |                 |                   |                 |             |             |            |            |            |           |            |              |                    |
|-------------|---------------|--------------|-----------------------|----------------|--------------|------------------|---------------|-------------|------------------|------------------|-----------------|-------------------|-----------------|-------------|-------------|------------|------------|------------|-----------|------------|--------------|--------------------|
| T. Aubrey   | T. Canyon     | T. Ojo Alamo | T. Kentland Fruitland | T. Penn. "C"   | T. Penn. "D" | T. Leadville     | T. Madison    | T. Elbert   | T. Hancock       | T. Gallup        | T. Hesperia-736 | T. Ignacio Quartz | T. Granite      | T. Dakota   | T. Morrison | T. Todillo | T. Entrada | T. Wingate | T. Chinle | T. Permian | T. Penn. "A" | T. Cisco (Bough C) |
| T. Salt     | T. Stearns    | T. Ritzland  | T. Pictured Cliffs    | T. Cliff House | T. Blencloe  | T. Point Lookout | T. Simpson    | T. McKee    | T. Ellensburg    | T. Gr. Wash      | T. Granite      | T. Delaware Sand  | T. Bone Springs | T. Wolfcamp | T. Penn.    | T. Cisco   |            |            |           |            |              |                    |
| T. Yates    | T. Miss       | T. Devonian  | T. Silurian           | T. Montoya     | T. Simpson   | T. McKee         | T. Ellensburg | T. Gr. Wash | T. Granite       | T. Delaware Sand | T. Bone Springs | T. Wolfcamp       | T. Penn.        | T. Cisco    |             |            |            |            |           |            |              |                    |
| T. 7 Rivers | T. Devonian   | T. Silurian  | T. Montoya            | T. Simpson     | T. McKee     | T. Ellensburg    | T. Gr. Wash   | T. Granite  | T. Delaware Sand | T. Bone Springs  | T. Wolfcamp     | T. Penn.          | T. Cisco        |             |             |            |            |            |           |            |              |                    |
| T. Gayburg  | T. San Andres | T. Glavito   | T. Paddock            | T. Elinebury   | T. Tubb      | T. Drinkard      | T. Aho        | T. Wolfcamp | T. Penn.         | T. Cisco         |                 |                   |                 |             |             |            |            |            |           |            |              |                    |

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

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

No. 2, from

No. 4, June

பொருள்

| From | To   | Thickness<br>in Feet | Formation      | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|----------------|------|----|----------------------|-----------|
| 0'   | 736' | 736'                 | T Moncos Shale |      |    |                      |           |
| 736' | 766' | 30'                  | Gallup-Hospah  |      |    |                      |           |



— — —

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE.

### Northwestern New Mexico

OIL OR GAS SANDS OR ZONES

## IMPORTANT WATER SANDS

No. 1, from ..... to ..... feet  
No. 2, from ..... to ..... feet  
No. 3, from ..... to ..... feet  
No. 4, from ..... to ..... feet

| From | To   | Thickness<br>in Feet | Formation      | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|----------------|------|----|----------------------|-----------|
| 0'   | 748' | 748'                 | T Moncos Shale |      |    |                      |           |
| 748' | 771' | 23'                  | Gallup-Hospah  |      |    |                      |           |

# ILLEGIBLE

Form C-103  
Revised 10-1-78

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

### WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                  |  |
|------------------|--|
| NAME OF OPERATOR |  |
| DISTRIBUTION     |  |
| SANTA FE         |  |
| FILE             |  |
| NO. OF           |  |
| CASE NO.         |  |
| OPERATOR         |  |

5a. Indicate Type of Lease  
State ☐ Fee ☒

5. Date of Lease

0-9725

7. Unit Agreement Name

8. Form or Lease Name

SEPRP

9. Well No.

32

10. Field and Front, or Wildcat

Miguel Creek-Gallup

11. County

McKinley

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

WATER ☐

OTHER

2. TYPE OF COMPLETION

NEW WELL ☐

WORK OVER ☐

REPERM ☐

PLUG BACK ☐

DIFF. RESER. ☐

OTHER

3. Name of Operator

Zenith Energy Corporation

4. Address of Operator

Box 1038 Kilgore, Texas 75662

5. Location of Well

6. Section, Township, Range, and Meridian  
B LOCATED 990 FEET FROM THE North LINE AND 1650 FEET FROM

East 29 16N 6W

LINE OF SEC.

TWP.

RCE.

NE/4

7. Date Spudded

9-25-80

8. Date T.D. Reached

9-26-80

9. Date Compl. (Ready to Prod.)

10-18-80

10. Elevations (D.F., RAIL, RT, GR, etc.)

6419' GR.

11. Elev. Casinghead

6419'

12. Total Depth

772'

13. Plug Back T.D.

772'

14. If Multiple Compl., How Many

0

15. Intervals Drilled By

Rotary Tools

yes

Cable Tools

16. Producing Interval(s), of this completion - Top, Bottom, Name

742'-772' Open Hole

17. Was Directional Survey Made

yes

18. Type Electric and Other Logs Run

GR-N

19. Was Well Cored

No

#### CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 4 1/2"      | 11             | 712'      | 7 7/8"    | 160 sks.         |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

#### 20. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE   | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|--------|-----------|------------|
| 0    | 0   | 0      | 0            | 0      | 2 3/8" | 712'      | 0          |
|      |     |        |              |        |        |           |            |
|      |     |        |              |        |        |           |            |
|      |     |        |              |        |        |           |            |

#### 21. Perforation Record (Interval, size and number)

742'-772' open hole

#### 22. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 0              | 0                             |
|                |                               |
|                |                               |
|                |                               |
|                |                               |

#### 23. PRODUCTION

|                    |                                                                     |                         |                         |            |              |                                |               |
|--------------------|---------------------------------------------------------------------|-------------------------|-------------------------|------------|--------------|--------------------------------|---------------|
| First Production   | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |                         |            |              | Well Status (Prod. or Shut-in) |               |
| 11-5-80            | pump                                                                |                         |                         |            |              | shut-in                        |               |
| Date of Test       | Hours Tested                                                        | Choke Size              | Prod'n. For Test Period | Oil - bbl. | Gas - MCF    | Water - bbl.                   | Gas-Oil Ratio |
| 11-6-80            | 24                                                                  | full                    | 8.1                     | 0          |              | 6                              | 0             |
| Flow Tubing Press. | Casing Pressure                                                     | Calculated 24-Hour Flow | Oil - bbl.              | Gas - MCF  | Water - bbl. | Oil Gravity - API (Corr.)      |               |
| 0                  | vac                                                                 | 8.1                     | 0                       |            | 6            | 31                             |               |

24. Disposition of Casing (Sold, used for fuel, vented, etc.)

vented

25. Test Witnessed By

Joe Morlaes

26. List of Attachments

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.

*Sally Blanks*

*Rep*

11-15-80

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 30 days after the completion of any newly drilled or reworked well. It shall be completed by one copy of all strata in the well and a summary of all reported depths and depths in the following table. All depths reported shall be measured depths, in the case of directionally drilled wells, true vertical depths shall also be reported. For a detailed description of the form, see the report of the Division. The form is to be filed in duplicate, one copy to be filed with the appropriate District Office, and one copy to be filed with the Division.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

|                          |                        |                              |                        |
|--------------------------|------------------------|------------------------------|------------------------|
| T. Anby _____            | T. Canyon _____        | T. Ojo Alamo _____           | T. Penn. "B" _____     |
| T. Salt _____            | T. Strawn _____        | T. Rutland Frontland _____   | T. Penn. "C" _____     |
| B. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____     | T. Penn. "D" _____     |
| T. Yates _____           | T. Miss _____          | T. Cliff House _____         | T. Leadville _____     |
| 7 Rivers _____           | T. Devonian _____      | T. Menefee _____             | T. Madison _____       |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____       | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos <u>0-surface</u>   | T. McCrucker _____     |
| T. San Andres _____      | T. Simpson _____       | T. Gallup <u>Hospah-742'</u> | T. Ignacio Qizte _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____         | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____              | T. _____               |
| T. Elincbry _____        | 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'   | 742' | 742'              | T Moncos Shale |      |    |                   |           |
| 742' | 772' | 30'               | Gallup-Hospah  |      |    |                   |           |

# ILLEGIBLE

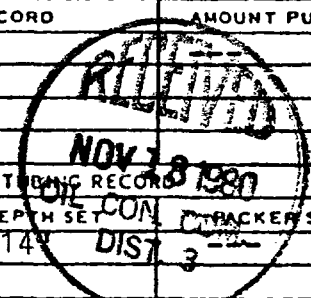
Form C-105  
Revised 10-1-78

STATE OF NEW MEXICO  
OIL AND GAS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                                                                                                                                                               |                        |                                                                                                                                                                                                                                                  |                                         |                                                                                                     |                   |                                              |             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------|-------------|
| 1. TYPE OF WELL<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DAY <input type="checkbox"/> OTHER <input type="checkbox"/> |                        | 2. TYPE OF COMPLETION<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESER. <input type="checkbox"/> OTHER <input type="checkbox"/> |                                         | 3. Indicate Type of Lease<br>State <input type="checkbox"/> Fed <input checked="" type="checkbox"/> |                   | 4. State Oil & Gas Lease No.<br>0-9725       |             |
| 5. Name of Operator<br>Zenith Energy Corporation                                                                                                              |                        |                                                                                                                                                                                                                                                  |                                         | 6. Unit Agreement Name                                                                              |                   |                                              |             |
| 7. Address of Operator<br>Box 1038 Kilgore, Texas 75662                                                                                                       |                        |                                                                                                                                                                                                                                                  |                                         | 8. Form or Lease Name<br>SPRR                                                                       |                   |                                              |             |
| 9. Location of Well<br>B 990 North 2418<br>East 29 16N 6W<br>LINE OF SEC. TWP. REC. RMPM                                                                      |                        |                                                                                                                                                                                                                                                  |                                         | 10. Field and Prod. or Wildcat<br>Miguel Creek-Gallup                                               |                   |                                              |             |
| 11. Date Spudded<br>9-30-80                                                                                                                                   |                        |                                                                                                                                                                                                                                                  |                                         | 12. Date T.D. Reached<br>10-1-80                                                                    |                   | 13. Date Compl. (Ready to Prod.)<br>10-24-80 |             |
| 14. Total Depth<br>762'                                                                                                                                       |                        | 15. Plug Back T.D.<br>760'                                                                                                                                                                                                                       |                                         | 16. Elevations (DF, RAIL, RT, GR, etc.)<br>6421' gr                                                 |                   | 17. Elev. Casinghead<br>6421'                |             |
| 18. Producing Interval(s), of this completion - Top, Bottom, Name<br>728'-734', 750'-760' Hospah                                                              |                        |                                                                                                                                                                                                                                                  |                                         | 19. Intervals Drilled By<br>Rotary Tools yes Cable Tools                                            |                   |                                              |             |
| 20. Type Electric and Other Logs Run<br>GR-N                                                                                                                  |                        |                                                                                                                                                                                                                                                  |                                         | 21. Was Directional Survey Made<br>yes                                                              |                   |                                              |             |
| 22. Was Well Cored<br>yes                                                                                                                                     |                        |                                                                                                                                                                                                                                                  |                                         | 23. Type Electric and Other Logs Run<br>GR-N                                                        |                   |                                              |             |
| CASING RECORD (Report all strings set in well)                                                                                                                |                        |                                                                                                                                                                                                                                                  |                                         |                                                                                                     |                   |                                              |             |
| CASING SIZE                                                                                                                                                   | WEIGHT LB./FT.         | DEPTH SET                                                                                                                                                                                                                                        | HOLE SIZE                               | CEMENTING RECORD                                                                                    |                   | AMOUNT PULLED                                |             |
| 4 1/2"                                                                                                                                                        | 11                     | 760'                                                                                                                                                                                                                                             | 7 7/8"                                  | 160 sks.                                                                                            |                   |                                              |             |
| LINER RECORD                                                                                                                                                  |                        |                                                                                                                                                                                                                                                  |                                         |                                                                                                     |                   |                                              |             |
| SIZE                                                                                                                                                          | TOP                    | BOTTOM                                                                                                                                                                                                                                           | SACKS CEMENT                            | SCREEN                                                                                              | SIZE              | DEPTH SET                                    | TRACKER SET |
| ---                                                                                                                                                           | ---                    | ---                                                                                                                                                                                                                                              | ---                                     | ---                                                                                                 | 2 3/8"            | 714'                                         | 3           |
| 24. Perforation Record (Interval, size and number)<br>728'-734', 750'-760' 4 JSPF                                                                             |                        |                                                                                                                                                                                                                                                  |                                         | 25. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                      |                   |                                              |             |
| DEPTH INTERVAL                                                                                                                                                |                        |                                                                                                                                                                                                                                                  |                                         | AMOUNT AND KIND MATERIAL USED                                                                       |                   |                                              |             |
| ---                                                                                                                                                           |                        |                                                                                                                                                                                                                                                  |                                         | ---                                                                                                 |                   |                                              |             |
| ---                                                                                                                                                           |                        |                                                                                                                                                                                                                                                  |                                         | ---                                                                                                 |                   |                                              |             |
| ---                                                                                                                                                           |                        |                                                                                                                                                                                                                                                  |                                         | ---                                                                                                 |                   |                                              |             |
| PRODUCTION                                                                                                                                                    |                        |                                                                                                                                                                                                                                                  |                                         |                                                                                                     |                   |                                              |             |
| First Production<br>11-13-80                                                                                                                                  |                        | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>pump                                                                                                                                                                      |                                         |                                                                                                     |                   | Well Status (Prod. or Shut-in)<br>shut-in    |             |
| Date of Test<br>11-14-80                                                                                                                                      | Hours Tested<br>24     | Choke Size<br>full                                                                                                                                                                                                                               | Prod'n. For Test Period<br>Oil - bbl. 5 | Gas - MCF<br>---                                                                                    | Water - bbl.<br>3 | Gas - Oil Ratio<br>---                       |             |
| Flow Tubing Press.<br>---                                                                                                                                     | Casing Pressure<br>vac | Calculated 24-Hour Rate<br>---                                                                                                                                                                                                                   | Oil - bbl.<br>5                         | Gas - MCF<br>---                                                                                    | Water - bbl.<br>3 | Oil Gravity - API (Corr.)<br>31              |             |
| Disposition of Gas (Sold, used for fuel, vented, etc.)<br>vented                                                                                              |                        |                                                                                                                                                                                                                                                  |                                         |                                                                                                     |                   | Test Witnessed By<br>Joe Morlaes             |             |
| List of Attachments                                                                                                                                           |                        |                                                                                                                                                                                                                                                  |                                         |                                                                                                     |                   |                                              |             |



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.

Dates Blomher

Red

11-15-80

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the BIA within 30 days after the completion of any newly drilled or reworked well. It shall be completed by the owner of the well or by a duly licensed geologist or geophysicist on the well or a company of oil or gas. It shall be filed with the District Office of the BIA. All depths reported shall be measured depths, in the case of directionally drilled wells, from vertical depth to the base of the formation being completed, less the depth of the wellhead. The form is to be filed in duplicate with the appropriate District Office, where the copies are required, and with the BIA.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

## Northwestern New Mexico

|                          |                        |                              |                         |
|--------------------------|------------------------|------------------------------|-------------------------|
| T. Anby _____            | T. Canyon _____        | T. Ojo Alamo _____           | T. Penn. "B" _____      |
| T. Salt _____            | T. Stream _____        | T. Kirtland Fruitland _____  | T. Penn. "C" _____      |
| D. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____     | T. Penn. "D" _____      |
| es. _____                | T. Miss _____          | T. Cliff House _____         | T. Leadville _____      |
| 7 Rivers _____           | T. Devonian _____      | T. Menefee _____             | T. Madison _____        |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____       | T. Elbert _____         |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos <u>0-surface</u>   | T. McCracken _____      |
| T. San Andres _____      | T. Simpson _____       | T. Gallup <u>Hoapah-728'</u> | T. Ignacio Qtzite _____ |
| T. Glorieta _____        | 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 _____             | 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<br>in Feet | Formation      | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|----------------|------|----|----------------------|-----------|
| 0    | 728' | 728'                 | T Moncos Shale |      |    |                      |           |
| 728' | 760' | 32'                  | Gallup-Hospah  |      |    |                      |           |

# ILLEGIBLE

Form C-108  
Revised 10-1-78STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION  
P. O. BOX 2080  
SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                                                                                                                                                                     |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 30. Indicate Type of Lease<br>State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>                                                                |  |
| 5. State Oil & Gas Lease No.<br>0-9725                                                                                                                              |  |
| 7. Unit Agreement Name                                                                                                                                              |  |
| 8. Farm or Lease Name<br>SFPRR                                                                                                                                      |  |
| 9. Well No.<br>34                                                                                                                                                   |  |
| 10. Field and Prod. or Wildcat<br>Miguel Creek-Gallup                                                                                                               |  |
| 11. County<br>McKinley                                                                                                                                              |  |
| 12. Date Spudded<br>9-24-80                                                                                                                                         |  |
| 13. Date T.D. Reached<br>9-25-80                                                                                                                                    |  |
| 14. Date Compl. (Ready to Prod.)<br>10-20-80                                                                                                                        |  |
| 15. Elevations (D.F., R.A.B., R.T., G.R., etc.)<br>6412' GR                                                                                                         |  |
| 16. Elev. Casinghead<br>6412'                                                                                                                                       |  |
| 17. Total Depth<br>752                                                                                                                                              |  |
| 18. Plug Back T.D.<br>752                                                                                                                                           |  |
| 19. If Multiple Compl., How Many<br>----                                                                                                                            |  |
| 20. Intervals Drilled By<br>Rotary Tools<br>yes                                                                                                                     |  |
| 21. Producing Interval(s), of this completion - Top, Bottom, Name<br>734'--752' open hole                                                                           |  |
| 22. Was Directional Survey Made<br>yes                                                                                                                              |  |
| 23. Type Electric and Other Logs Run<br>GR-N directional survey                                                                                                     |  |
| 24. Was Well Cored<br>no                                                                                                                                            |  |
| 25. CASING RECORD (Report all strings set in well)                                                                                                                  |  |
| 26. LINER RECORD                                                                                                                                                    |  |
| 27. TUBING RECORD                                                                                                                                                   |  |
| 28. Perforation Record (Interval, size and number)                                                                                                                  |  |
| 29. PRODUCTION                                                                                                                                                      |  |
| 30. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                      |  |
| 31. Test Witnessed By<br>Joe Morales                                                                                                                                |  |
| 32. 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.<br>Barry Blanks<br>11-15-80 |  |

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the BIP Section not later than 20 days after the completion of any newly drilled or reworked well. It shall be completed by one copy of all strata and lithologically log run on the well and a summary of all reported depths shown by the following lithologic tenters. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, intervals to be logged shall be reported for each zone. This form is to be filed in duplicate in one copy in state files, where appropriate, are required, New Rule 1455.

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" _____      |
| D. 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 <u>0-surface</u>   | T. McCracken _____      |
| T. San Andres _____      | T. Simpson _____       | T. Gallup <u>Hospah-734'</u> | T. Ignacio Qtzite _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____         | T. Granite _____        |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____              | T. _____                |
| T. Blinberry _____       | 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<br>in Feet | Formation      |
|------|------|----------------------|----------------|
| 0'   | 734' | 734'                 | T Moncos shale |
| 734' | 752' | 18'                  | Gallup Hospah  |

# ILLEGIBLE

Form C-103  
Revised 10-1-78STATE OF NEW MEXICO  
NATURAL RESOURCES DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                    |  |
|--------------------|--|
| NO. OF EXPLORATION |  |
| INSTRUMENT         |  |
| SANTA FE           |  |
| FILE               |  |
| DATE               |  |
| NAME OF WELL       |  |
| OPERATOR           |  |

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. Lease Unit & Lease No.  
0-9725

1. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐2. TYPE OF COMPLETION  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESER. ☐ OTHER ☐

3. Name of Operator

Zenith Energy Corp.

4. Address of Operator

Box 1038 Kilgore, Texas 75662

5. Location of Well

6. NEUT LETTER B LOCATED 330 FEET FROM THE North LINE AND 2310 FEET FROM

7. East LINE OF SEC. 29 TWP. 16N REC. 6W RMPW

8. Date Spudded 9-27-80 16. Date T.D. Reached 10-5-80 17. Date Compl. (Ready to Prod.) 10-28-80 18. Elevations (D.F., R.N.D., RT, GR, etc.) 6424 GR 19. Elev. Casinghead 6424 GR

9. Total Depth 768' 20. Plug Back T.D. 768' 21. If Multiple Compl., How Many 22. Intervals Drilled By 768' 23. Rotary Tools Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name 744'-768 Open Hole 25. Was Directional Survey Made yes

26. Type Electric and Other Logs Run GR-N, Drift Survey 27. Was Well Cored no

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

29. LINER RECORD

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

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

33. PRODUCTION

34. First Production 11-9-80 35. Production Method (Flowing, gas lift, pumping - Size and type pump) pumping 36. Well Status (Prod. or Shut-in) shut-in

37. Date of Test 11-10-80 38. Hours Tested 24 hrs. 39. Choke Size full 40. Prod'n. For Test Period 7 41. Oil - Bbl. 7 42. Gas - MCF 4 43. Water - Bbl. 4 44. Gas - Oil Ratio 31

45. Flow Tubing Press. 46. Casing Pressure 47. Calculated 24-Hour Rate 48. Oil - Bbl. 49. Gas - MCF 50. Water - Bbl. 51. Oil Gravity - API (Corr.) 31

49. Disposition of Gas (Sold, used for fuel, vented, etc.) 52. Test Witnessed By Joe Morales

53. List of Attachments

54. 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.

Klaus Blanks P.D. 11-15-80

4.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Northwestern New Mexico

OIL OR GAS SANDS OR ZONES

## IMPORTANT WATER SANDS

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

No. 4, from.....to.....feet.....

| From | To   | Thickness<br>in Feet | Formation      |
|------|------|----------------------|----------------|
| 0    | 744' | 744'                 | T Moncos Shale |
| 744  | 768' | 24'                  | Gallup--Hospah |

# ILLEGIBLE

Form C-105  
Revised 10-1-78

STATE OF NEW MEXICO

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease

State ☐Fee ☒

5. State of Texas Lease No.

0-9725

7. Unit Agreement Name

8. Farm or Lease Name

SFPRR

9. Well No.

36

10. Field and Farm, or Wildcat

Miguel Creek-Gallup

11. County

McKinley

1. TYPE OF WELL

OIL WELL ☒GAS WELL ☐DRY ☐

OTHER

2. TYPE OF COMPLETION

NEW WELL ☐WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. DESIG. ☐

OTHER

3. Name of Operator

Zenith Energy Corp.

4. Address of Operator

Box 1038 Kilgore, Texas 75662

6. Location of Well

1/4 SECTION B LOCATED 330 FEET FROM THE North LINE AND 1650 FEET FROM

East LINE OF SEC. 29 TWP. 16N SEC. 6W NMPW

13. Date Spudded 9-21-80 16. Date T.D. Reached 9-22-80 17. Date Compl. (Ready to Prod.) 10-19-80 18. Elevations (LF, KHL, RT, GK, etc.) 6415.4 19. Elev. Casinghead 6415

20. Total Depth 758 21. Plug Back T.D. 758 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools Cable Tools yes

24. Producing Interval(s), of this completion - Top, Bottom, Name

752'-758' Hospah

25. Was Directional Survey Made

yes

26. Type Electric and Other Logs Run

GR-N &amp; drift

27. Was Well Cored

no

## CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 4 1/2       | 11.00          | 732       | 7 7/8     | 160 SX           |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

## 29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE  | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|-------|-----------|------------|
|      |     |        |              |        | 2 3/8 | 702       |            |
|      |     |        |              |        |       |           |            |
|      |     |        |              |        |       |           |            |
|      |     |        |              |        |       |           |            |

## 31. Perforation Record (Interval, size and number)

732' to 758'

Open hole

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
|                |                               |
|                |                               |
|                |                               |
|                |                               |
|                |                               |

## PRODUCTION

|                                                     |                                                                                      |                                         |
|-----------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------|
| 33. Date First Production 11-3-80                   | 34. Production Method (Flowing, gas lift, pumping - Size and type pump) pump 21 x 81 | 35. Well Status (Prod. or Shut-in) S.I. |
| 36. Date of Test 11-4-80                            | 37. Flow Tested 24                                                                   | 38. Choke Size full                     |
| 39. Test Period                                     | 40. Oil - bbl. 6.9                                                                   | 41. Gas - MCF 4.5                       |
| 42. Flowing Press. vac                              | 43. Calculated 24-Hour Rate 6.9                                                      | 44. Water - bbl. 4.5                    |
| 45. Disposition of Core (Sold, used for test, etc.) | 46. Oil Gravity - API (Corr.) 31                                                     | 47. Test Witnessed By                   |

48. List of Attachments

I hereby certify that the information furnished on this form is true and correct to the best of my knowledge and belief. 11/15-80

# INSTRUCTIONS

This form is to be filled with the appropriate number of the Division not later than 20 days after the completion of any newly-drilled or reworked well. It shall be completed for all oil, gas, or geothermal wells, and for all geothermal wells, and for all geothermal wells, and for all geothermal wells. All data shall be reported in the form of directionally drilled wells, from south to north, and shall be reported in the form of directionally drilled wells, from south to north, and shall be reported in the form of directionally drilled wells, from south to north, and shall be reported in the form of directionally drilled wells, from south to north. This form is to be filled in duplicate and one copy shall be retained by the operator, and one copy shall be retained by the Division. (See Form 1152.)

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

| Southeastern New Mexico |                  |                             |                  | Northwestern New Mexico |                  |                             |                  |
|-------------------------|------------------|-----------------------------|------------------|-------------------------|------------------|-----------------------------|------------------|
| T. Aubrey               | T. Canyon        | T. Ojo Alamo                | T. Penn. "B"     | T. Aubrey               | T. Canyon        | T. Ojo Alamo                | T. Penn. "B"     |
| T. Salt                 | T. Strawn        | T. Kittland Fruitland       | T. Penn. "C"     | T. Salt                 | T. Strawn        | T. Kittland Fruitland       | T. Penn. "C"     |
| D. Salt                 | T. Atoka         | T. Pictured Cliffs          | T. Penn. "D"     | D. Salt                 | T. Atoka         | T. Pictured Cliffs          | T. Penn. "D"     |
| T. Yates                | T. Miss          | T. Cliff House              | T. Leadville     | T. Yates                | T. Miss          | T. Cliff House              | T. Leadville     |
| T. 7 Rivers             | T. Devonian      | T. Menlee                   | T. Madison       | T. 7 Rivers             | T. Devonian      | T. Menlee                   | T. Madison       |
| T. Queen                | T. Silurian      | T. Point Lookout            | T. Elbert        | T. Queen                | T. Silurian      | T. Point Lookout            | T. Elbert        |
| T. Grayburg             | T. Montoya       | T. Mancos <u>0=surface</u>  | T. McCracken     | T. Grayburg             | T. Montoya       | T. Mancos <u>0=surface</u>  | T. McCracken     |
| T. San Andres           | T. Simpson       | T. Gallup <u>Hospah-732</u> | T. Ignacio Ortiz | T. San Andres           | T. Simpson       | T. Gallup <u>Hospah-732</u> | T. Ignacio Ortiz |
| T. Glorieta             | T. McKee         | T. Base Greenhorn           | T. Granite       | T. Glorieta             | T. McKee         | T. Base Greenhorn           | T. Granite       |
| T. Paddock              | T. Ellenburger   | T. Dakota                   | T.               | T. Paddock              | T. Ellenburger   | T. Dakota                   | T.               |
| T. Blinberry            | T. Gr. Wash      | T. Morrison                 | T.               | T. Blinberry            | T. Gr. Wash      | T. Morrison                 | T.               |
| T. Tubb                 | T. Granite       | T. Todillo                  | T.               | T. Tubb                 | T. Granite       | T. Todillo                  | T.               |
| T. Drinkard             | T. Delaware Sand | T. Entrada                  | T.               | T. Drinkard             | T. Delaware Sand | T. Entrada                  | T.               |
| T. Abo                  | T. Bone Springs  | T. Wingate                  | T.               | T. Abo                  | T. Bone Springs  | T. Wingate                  | T.               |
| T. Wolfcamp             | T.               | T. Chinle                   | T.               | T. Wolfcamp             | T.               | T. Chinle                   | T.               |
| T. Penn.                | T.               | T. Permian                  | T.               | T. Penn.                | T.               | T. Permian                  | T.               |
| T. Cisco (Bough C)      | T.               | T. Penn. "A"                | 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'   | 732' | 732'              | T mancos shale |      |    |                   |           |
| 732' | 758' | 26'               | Gallup-Hospah  |      |    |                   |           |

# ILLEGIBLE

Form C-105  
Revised 10-1-78STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |  |
|------------------------|--|
| NO. OF COPIES REQUIRED |  |
| DISTRIBUTION           |  |
| DATE                   |  |
| FILE                   |  |
| NO. OF                 |  |
| COPIES                 |  |
| OPERATION              |  |

|                                |                                                                        |
|--------------------------------|------------------------------------------------------------------------|
| 5a. Indicate Type of Lease     | State <input type="checkbox"/> Fee <input checked="" type="checkbox"/> |
| 5. Lease or Conveyance No.     | 0-9725                                                                 |
| 7. Unit Agreement Name         | Miguel Creek                                                           |
| 8. Form or Lease Name          | S.F.P.R.R.                                                             |
| 9. Well No.                    | #37                                                                    |
| 10. Field and Farm, or Wildcat | Miguel Creek Gallup                                                    |
| 11. County                     | McKinley                                                               |

1. TYPE OF WELL  
Oil Well ☒ Gas Well ☐ Dry ☐ Other ☐2. TYPE OF COMPLETION  
New Well ☒ Re-completion ☐ Deepen ☐ Plug Back ☐ Diff. Re-compl. ☐ Other ☐3. Name of Operator  
Capital Oil & Gas Corporation4. Address of Operator  
P.O. Box 1038 Kilgore, Texas 756625. Location of Well  
Section Letter L LOCATED 1650' FEET FROM THE South LINE AND 330 FEET FROM West

6. Line of Sec. 21 TWP. 16N R. 6W

7. Date Spudded 6-10-81 8. Date T.D. Reached 6-12-81 9. Date Compl. (Ready to Prod.) 6-24-81 10. Elevations (D.F., K.A.B., R.T., G.K., etc.) 6439' 11. Elev. Casinghead 6439'

12. Total Depth 812 13. Plug Back T.D. 811' 14. If Multiple Compl., How Many -- 15. Intervals Drilled By Rotary Tools XX Cable Tools

16. Producing Interval(s), of this completion - Top, Bottom, Name 780-805 Hospah-Gallup 17. Was Directional Survey Made Yes

18. Type Electric and Other Logs Run Comp Den &amp; N GR/N 19. Was Well Cored Yes

| CASING RECORD (Report all strings set in well) |                |           |           |                  |               |
|------------------------------------------------|----------------|-----------|-----------|------------------|---------------|
| CASING SIZE                                    | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 4 1/2"                                         | 9.5            | 811       | 7 7/8"    | 90 SX            | --            |
|                                                |                |           |           |                  |               |
|                                                |                |           |           |                  |               |
|                                                |                |           |           |                  |               |

| LINER RECORD |     |        |              |        | TUBING RECORD |           |            |
|--------------|-----|--------|--------------|--------|---------------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE          | DEPTH SET | PACKER SET |
|              |     |        |              |        | 2 3/8"        | 770'      | --         |
|              |     |        |              |        |               |           |            |
|              |     |        |              |        |               |           |            |

| 20. Perforation Record (Interval, size and number) |  |  |  | 21. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                               |
|----------------------------------------------------|--|--|--|------------------------------------------------|-------------------------------|
| 782' - 792'                                        |  |  |  | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED |
|                                                    |  |  |  |                                                |                               |
|                                                    |  |  |  |                                                |                               |
|                                                    |  |  |  |                                                |                               |

| PRODUCTION                   |                         |                                                                                          |                           |                  |                    |                                  |                        |
|------------------------------|-------------------------|------------------------------------------------------------------------------------------|---------------------------|------------------|--------------------|----------------------------------|------------------------|
| 22. First Production 10-2-81 |                         | 23. Production Method (Flowing, gas lift, pumping - Size and type pump) PUMP 1 1/2" x 8' |                           |                  |                    |                                  |                        |
| 24. Date of Test 11-1-81     | 25. Hours Tested 24     | 26. Choke Size Full                                                                      | 27. Period of Test Period | 28. Oil - bbl. 9 | 29. Gas - MCF --   | 30. Water - bbl. 8               | 31. Gas - Oil Ratio 31 |
| 32. Flow Tubing Press. --    | 33. Casing Pressure Vac | 34. Calculated 24-Hour Rate                                                              | 35. Oil - bbl. 9          | 36. Gas - MCF -- | 37. Water - bbl. 8 | 38. Low Gravity - API (Corr.) 31 |                        |

39. Disposition of Gas (Sold, used for fuel, vented, etc.) None 40. Test Witnessed by Jim Pepper

41. List of Attachments

42. 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  
NAME DATE TITLE

# 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 completed by the owner or by a qualified person in the well and a copy of all types of tests made during the drilling shall be submitted. All depths reported shall be measured by tape, in the case of directionally drilled wells, tape depth shall be reported. In the case of depth by log, the log shall be reported. The form is to be filled in quite legible, except on those parts where the space is required for Table 1155.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

|                    |                  |                       |                  |
|--------------------|------------------|-----------------------|------------------|
| T. Aubrey          | T. Canyon        | T. Ojo Alamo          | T. Penn. "B"     |
| T. Salt            | T. Strawn        | T. Kirtland Fruitland | T. Penn. "C"     |
| D. 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 0-780'      | T. McCracken     |
| T. San Andres      | T. Simpson       | T. Gallup 780'        | T. Ignacio Ortiz |
| T. Glorietta       | T. McKee         | Base Greenhorn 802'   | T. Granite       |
| T. Paddock         | T. Ellenburger   | T. Dakota             | T.               |
| T. Elinebry        | T. Gr. Wash      | T. Morrison           | T.               |
| T. Tubb            | T. Granite       | T. Todillo            | 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-  | 780 | 781               | Manchos   |      |    |                   |           |
| 780  | 802 | 22'               | Hospah    |      |    |                   |           |
| 802  | 812 | 10'               | Greenhorn |      |    |                   |           |

# ILLEGIBLE

Form C-103  
Revised 10-1-78

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |  |
|------------------------|--|
| NO. OF COPIES REQUIRED |  |
| DISTRIBUTION           |  |
| SANTA FE               |  |
| FILE                   |  |
| NO. OF COPIES REQUIRED |  |
| OPERATION              |  |

5a. Indicate Type of Lease  
State ☐ Fee ☒ XX

5. Lease Unit & Containing Area  
0-9725

7. Unit Agreement Name  
Miguel Creek

8. Term or Lease Name  
S.F.P.R.R.

9. Well No.  
#38

10. Field and Front, or Wildcat  
Miguel Creek Gallup

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

2. TYPE OF COMPLETION  
NEW WELL ☒ RECOMPLETION ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. DEPTH ☐ OTHER ☐

3. Name of Operator  
Capital Oil & Gas Corporation

4. Address of Operator  
P.O. Box 1038 Kilgore, Texas 75662

6. Location of Well

LAST LETTER P LOCATED 990 FEET FROM THE South LINE AND 990 FEET FROM East  
LINE OF SEC. 20 TWP. 16N RGE. 6W NMPW

13. Date Spudded  
6-9-81

16. Date T.D. Reached  
6-10-81

17. Date Compl. (Ready to Prod.)  
8-3-81

18. Elevations (L.F., K.A.H., R.T., G.K., etc.)  
6434

19. Elev. Casinghead  
6434

20. Total Depth  
784'

21. Plug Back T.D.  
783'

22. If Multiple Compl., How Many  
---

23. Intervals Drilled By  
Rotary Tools  
XX  
Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name  
764 - 773 Hospah

25. Was Directional Survey Made  
Yes

26. Type Electric and Other Logs Run  
Comp Den & N GR/N

27. Was Well Cored  
Yes

CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 4 1/2"      | 9.5            | 783'      | 7 7/8"    | 90 Sx            | --            |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

29. LINER RECORD

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

30. TUBING RECORD

| SIZE   | DEPTH SET | PACKER SET |
|--------|-----------|------------|
| 2 3/8" | 740       | --         |
|        |           |            |

31. Perforation Record (Interval, size and number)

764' - 773'

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
|                |                               |
|                |                               |
|                |                               |

PRODUCTION

33. First Production  
10-21-81

Production Method (Flowing, gas lift, pumping, etc.)  
Pump 1 1/2" x 8'

Well Status (Prod. or Shut-in)  
Prod

34. Date of Test  
11-5-81

Hours Tested  
24

Choke Size  
Full

Prod'n. for Test Period  
7.5

Oil - bbl.  
7.5

Gas - MCF  
13.5

Water - bbl.  
31

35. Tubing Press.  
---

Casing Pressure  
---

Calculated 24-Hour Rate  
7.5

Oil - bbl.  
7.5

Gas - MCF  
13.5

Water - bbl.  
31

Oil Gravity - API (Corr.)  
31

36. Disposition of Casing (Sold, used for fuel, cement, etc.)

Test Witnessed By  
Jim Pepper

37. List of Attachments

38. I hereby certify that the information furnished on this form is true and complete to the best of my knowledge and belief.

NAME Jim Pepper TITLE 1-1 DATE 11-10-81

# INSTRUCTIONS

This form is to be filled with the appropriate formation names of the Division not later than 20 days after the completion of any newly drilled or reworked well. It is to be filled out by the owner of the well and is to be filed in the well log book. It is to be filled out by the owner of the well and is to be filed in the well log book. All data reported shall be measured directly in the well and shall be reported in feet. The depth shall be reported in feet and shall be reported for each zone. The form is to be filled in duplicate and one copy shall be filed in the well log book and one copy shall be filed in the Division file.

## 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. Menace _____                 | T. Madison _____       |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____          | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos 0-764 _____           | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____       | T. Gallup 764-780 _____         | T. Ignacio Qizte _____ |
| T. Glorieta _____        | T. McKee _____         | T. Base Greenhorn 780-781 _____ | 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 _____             | 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 764 to 780     | 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-  | 764 | 764               | Manchos   |      |    |                   |           |
| 764  | 780 | 16'               | Hospah    |      |    |                   |           |
| 780  | 781 | 1'                | Greenhorn |      |    |                   |           |

# ILLEGIBLE

Form C-103  
Revised 10-1-78

STATE OF NEW MEXICO  
ENERGY AND MINERAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 1038  
SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|              |  |
|--------------|--|
| NAME OF WELL |  |
| LOCATION     |  |
| DATE         |  |
| FILE         |  |
| WELL         |  |
| OPERATOR     |  |

30. Indicate Type of Lease  
State ☐ Fee ☒  
3. Lease and Casing Location  
0-9725

1. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ HOT ☐ OTHER ☐  
2. TYPE OF COMPLETION  
NEW WELL ☒ REPAIR ☐ REPERFORATE ☐ PLUG BACK ☐ DIFF. DESIGN ☐ OTHER ☐

7. Unit Agreement Name  
Miguel Creek  
8. Term of Lease  
S.F.P.R.R.

4. Name of Operator  
Capital Oil & Gas Corporation  
5. Address of Operator  
P.O. Box 1038 Kilgore, Texas 75662

9. Well No.  
#39  
10. Field and Field, or Wildcat  
Miguel Creek Gallup

6. Location of Well  
LOCATED 330 FEET FROM THE North LINE AND 660 FEET FROM

11. County  
McKinley

12. West LINE OF SEC. 28 TWP. 16N REC. 6W

13. Date Spudded 5-29-81 16. Date T.D. Reached 6-1-81 17. Date Compl. (Ready to Prod.) 10-18-81 18. Elevations (L.F., RAIL, RT, GK, etc.) 6455' GL 19. Elev. Casinghead 6455'

20. Total Depth 784' 21. Plug Back T.D. 783' 22. If Multiple Compl., How Many -- 23. Intervalls Drilled By Rotary Tools Cable Tools RT

24. Producing Interval(s), of this completion - Top, Bottom, Name 761'-775' Hospah 25. Was Directional Survey Made Yes

26. Type Electric and Other Logs Run Gamma Ray Neutron 27. Was Well Cored Yes

CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 4-1/2       | 9.50           | 783       | 7-7/8     | 90 SX            | -0-           |
| 2-3/8       | 4.70           | 773       | 2-3/8     | -                | -0-           |

29. LINER RECORD 30. TUBING RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE  | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|-------|-----------|------------|
|      |     |        |              |        | 2-3/8 | 773       | --         |

31. Perforation Record (Interval, size and number) 764'-773' (4 JSPF)  
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL None AMOUNT AND KIND MATERIAL USED

PRODUCTION  
Date First Production 10-15-81 Production Method Pumping, gas lift, pumping - Size and type pump Pump - 1 1/2" Insert Well Status (Prod. or Shut-in) Shut-in  
Date of Test 10-17-81 Hours Tested 24 Choke Size Full Production for Test Period 2 Oil - bbl. Gas - MCF Water - bbl. Gas - Oil Ratio TSTM 6  
Flow Tubing Press. 0 Casing Pressure Vac Calculated 24-Hour Flow Rate 2 Oil - bbl. Gas - MCF Water - bbl. Oil Gravity - API (Corr.) TSTM 6 32

33. Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By J. Pepper

34. List of Attachments  
I hereby certify that the information on both sides of this form is true and complete to the best of my knowledge and belief  
Gary Blanks, Vice President 10-20-81

### INSTRUCTIONS

This form is to be filled with the appropriate District Office of the DWR before not later than 20 days after the completion of any newly drilled or deepened well. It shall be accompanied by one copy of all reports filed with the DWR on the well and a summary of all significant findings concerning the following: (1) the location; (2) All depths reported shall be measured depths, in the case of directionally drilled wells, true vertical depth shall be reported; (3) the depth to the top of the aquifer; (4) shall be reported for each zone. This form is to be filed in triplicate in one copy to the DWR where the well is located.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

## Northwestern New Mexico

|                          |                        |                                |                         |
|--------------------------|------------------------|--------------------------------|-------------------------|
| T. Ashy _____            | T. Canyon _____        | T. Ojo Alamo _____             | T. Penn. "B" _____      |
| T. Salt _____            | T. Strewn _____        | T. Rutland Fruitland _____     | T. Penn. "C" _____      |
| D. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____       | T. Penn. "D" _____      |
| T. Yates _____           | T. Miss _____          | T. Cliff House _____           | T. Leasville _____      |
| T. 7 Rivers _____        | T. Devonian _____      | T. Menefee _____               | T. Madison _____        |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____         | T. Elbert _____         |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos <sup>761</sup> _____ | T. McCracken _____      |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____                | T. Ignacio Quartz _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____           | T. Granite _____        |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____                | T. _____                |
| T. Blinobry _____        | 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

761 774

|                            |                            |
|----------------------------|----------------------------|
| 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<br>in Feet | Formation                | From | To | Thickness<br>in Feet | Formation |
|----------|------------|----------------------|--------------------------|------|----|----------------------|-----------|
| 0<br>761 | 761<br>774 | 761'<br>13'          | Manchos<br>Hospah-Gallup |      |    |                      |           |

# ILLEGIBLE

Form C-105  
Revised 10-1-78STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |  |
|------------------------|--|
| NO. OF COPIES RECEIVED |  |
| DISTRIBUTION           |  |
| SANTA FE               |  |
| FILE                   |  |
| INDEX                  |  |
| DATE RECEIVED          |  |
| OPERATION              |  |

|                                 |                                                                        |
|---------------------------------|------------------------------------------------------------------------|
| 5a. Indicate Type of Well       | State <input type="checkbox"/> Fed <input checked="" type="checkbox"/> |
| 5. Well ID# (See Note 1a)       | 0-9725                                                                 |
| 7. Well Agreement Name          | Miguel Creek                                                           |
| 8. Term or Lease Name           | S.F.P.R.R.                                                             |
| 9. Well No.                     | #40                                                                    |
| 10. Field and Front, or Wildcat | Miguel Creek Gallup                                                    |
| 1a. County                      | McKinley                                                               |

1. TYPE OF WELL

2. TYPE OF COMPLETION

3. Name of Operator

4. Address of Operator

5. Location of Well

6. Well Letter D LOCATED 990 FEET FROM THE North LINE AND 990 FEET FROM

7. West LINE OF SEC. 28 TWP. 16N RGE. 6W

|                  |                       |                                  |                                           |                      |
|------------------|-----------------------|----------------------------------|-------------------------------------------|----------------------|
| 13. Date Spudded | 16. Date T.D. Reached | 17. Date Compl. (Ready to Prod.) | 18. Elevations (Lift, Hall, RT, GK, etc.) | 19. Elev. Casinghead |
| 7-7-81           | 7-8-81                | 8-31-81                          | 6487 GL                                   | 6484                 |

|                 |                    |                                  |                          |                          |
|-----------------|--------------------|----------------------------------|--------------------------|--------------------------|
| 20. Total Depth | 21. Plug Back T.D. | 22. If Multiple Compl., How Many | 23. Intervals Drilled By | 24. Intervals Drilled By |
| 859'            | 858'               | --                               | XX                       | XX                       |

24. Producing Interval(s), of this completion - Top, Bottom, Name

25. Was Directional Survey Made

26. Type Electric and Other Logs Run

27. Was Well Cored

| CASING RECORD (Report all strings set in well) |                |           |           |                  |               |
|------------------------------------------------|----------------|-----------|-----------|------------------|---------------|
| CASING SIZE                                    | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 5 1/2"                                         | 14.00          | 858'      | 7 7/8"    | 90 sx            | --            |
|                                                |                |           |           |                  |               |
|                                                |                |           |           |                  |               |
|                                                |                |           |           |                  |               |

| LINER RECORD |     |        |              |        | TUBING RECORD |           |            |
|--------------|-----|--------|--------------|--------|---------------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE          | DEPTH SET | PACKER SET |
|              |     |        |              |        | 2 3/8"        | 820       |            |
|              |     |        |              |        |               |           |            |
|              |     |        |              |        |               |           |            |

| 21. Perforation Record (Interval, size and number) |  |  |  | 22. ACID, SODIUM FLUORIDE, CEMENT SQUEEZE, ETC. |  |                               |  |
|----------------------------------------------------|--|--|--|-------------------------------------------------|--|-------------------------------|--|
| 810-816                                            |  |  |  | DEPTH INTERVAL                                  |  | AMOUNT AND KIND MATERIAL USED |  |
| 818-822                                            |  |  |  |                                                 |  |                               |  |
| 828-832                                            |  |  |  |                                                 |  |                               |  |

| PRODUCTION             |  |                                                                         |                             |                            |                |                                    |                               |
|------------------------|--|-------------------------------------------------------------------------|-----------------------------|----------------------------|----------------|------------------------------------|-------------------------------|
| 28. First Production   |  | 29. Production Method (Flowing, gas lift, pumping - size and type pump) |                             |                            |                | 30. Well Status (Prod. or Shut-in) |                               |
| 10-7-81                |  | PUMP 1 1/2" x 8'                                                        |                             |                            |                | SI                                 |                               |
| 31. Date of Test       |  | 32. Hours Tested                                                        | 33. Choke Size              | 34. Flowing or Test Period | 35. Oil - bbl. | 36. Gas - MCF                      | 37. Water - bbl.              |
| 10-28-81               |  | 24                                                                      | Full                        |                            | 6              | --                                 | 15                            |
| 38. Flow Tubing Press. |  | 39. Casing Pressure                                                     | 40. Calculated 24-hour Rate | 41. Oil - bbl.             | 42. Gas - MCF  | 43. Water - bbl.                   | 44. Oil Gravity - API (Corr.) |
|                        |  | Vac                                                                     |                             | 6                          | --             | 15                                 | 31                            |

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

46. List of Attachments

47. I hereby certify that the information shown on this report is true and complete to the best of my knowledge and belief

NAME *Jim Pepper* TITLE *Operator* DATE *10-81*

# 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-filled or deepened well. It is to be filled by the owner of the well or by a person on the well and a copy of all reports of all depths of all formations shall be filed with the District Office. All depths reported shall be measured by the owner of the well or by a person on the well and a copy of all reports of all depths of all formations shall be filed with the District Office. The form is to be filled by the owner of the well or by a person on the well and a copy of all reports of all depths of all formations shall be filed with the District Office.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

|                          |                        |                              |                        |
|--------------------------|------------------------|------------------------------|------------------------|
| T. Anby _____            | T. Canyon _____        | T. Ojo Alamo _____           | T. Penn. "B" _____     |
| T. Salt _____            | T. Strawn _____        | T. Kittland Fruitland _____  | T. Penn. "C" _____     |
| D. 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 0-810 _____        | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____       | T. Gallup 810-832 _____      | T. Ignacio Qizte _____ |
| T. Glorietta _____       | T. McKee _____         | Base Greenhorn 832-858 _____ | 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 _____             | 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-  | 810 | 810               | Manchos       |      |    |                   |           |
| 810  | 832 | 32'               | Gallup-Hospah |      |    |                   |           |
| 832  | 858 | 26'               | Greenhorn     |      |    |                   |           |

# ILLEGIBLE

Form C-108  
Revised 10-1-78

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |  |
|------------------------|--|
| NO. OF COPIES REQUIRED |  |
| DISTRIBUTION           |  |
| DATE                   |  |
| FILE                   |  |
| DATE                   |  |
| DATE                   |  |
| DATE                   |  |
| DATE                   |  |

1. Indicate Type of Well  
State ☐ ☒ ☐  
2. Well Completion or Recompletion No.  
0-9725

3. Unit Agreement Name

Miguel Creek

4. Term of Lease Name

S.F.P.R.R.

5. Well No.

#41

6. Field and Front, or Wildcat

Miguel Creek Gallup

7. County

McKinley

A. TYPE OF WELL

OIL WELL ☒GAS WELL ☐DRY ☐

OTHER

B. TYPE OF COMPLETION

NEW WELL ☒REPERFORATE ☐DEEPEN ☐PLUG BACK ☐DIFF. DEPTH ☐

OTHER

C. Name of Operator

Capital Oil &amp; Gas Corporation

D. Address of Operator

P.O. Box 1038

Kilgore, Texas 75662

E. Location of Well

P

LOCATED 660

FEET FROM THE

South

LINE AND

660

FEET FROM

East LINE OF SEC. 20 TWP. 16N REC. 6W

13. Date Spudded

6-25-81

14. Date T.D. Reached

10-19-81

15. Date Compl. (Ready to Prod.)

10-24-81

16. Elevations (L.F., H.A., RT, GK, etc.)

6408' GL

17. Elev. Casinghead

6407'

18. Total Depth

760'

19. Plug Back T.D.

760'

20. If Multiple Compl., How Many

1

21. Intervals Drilled By

Rotary Tools

All

Cable Tools

22. Producing Interval(s), of this completion - Top, Bottom, Name

732'-760' (Open Hole)

23. Was Directional Survey Made

Yes

24. Type Electric and Other Logs Run

Gamma Ray Neutron

25. Was Well Cored

No

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

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 4-1/2"      | 9.5            | 732'      | 7-7/8"    | 90 sx            |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

27. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE   | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|--------|-----------|------------|
|      |     |        |              |        | 2-3/8" | 720'      | -          |
|      |     |        |              |        |        |           |            |
|      |     |        |              |        |        |           |            |
|      |     |        |              |        |        |           |            |

28. Perforation Record (Interval, size and number)

732'-760' Open Hole

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

## PRODUCTION

30. First Production

10-24-81

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

Pump - 1 1/2" Insert

32. Well Status (Prod. or Shut-in)

Prod.

| Date of Test       | Hours Tested    | Choke Size              | Prod'n. for Test Period | Oil - Bbl. | Gas - MCF    | Water - Hbl.              | Gas - Oil Ratio |
|--------------------|-----------------|-------------------------|-------------------------|------------|--------------|---------------------------|-----------------|
| 10-25-81           | 24              | Full                    |                         | 3          | TSTM         | 6                         | TSTM            |
| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl.              | Gas - MCF  | Water - Hbl. | Oil Gravity - API (Lorr.) |                 |
| -0-                | Vac             |                         | 3                       | TSTM       | 6            | 32°                       |                 |

33. Disposition of Gas (S.G., used for fuel, vented, etc.)

34. Test Witnessed by

W. W. Waller

35. List of Attachments

Gary Blanks

Gary Blanks, Vice President

10-29-81

# INSTRUCTIONS

Reports from this form to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly drilled or reworked well. The well to be reported by the owner or operator of the well and the name of the well and the name of all persons or companies having an interest in the well shall be reported. All depths reported shall be measured depths, in the case of directionally drilled wells, true vertical depths shall be reported. The report shall be completed by the owner or operator of the well, through the wellhead, and shall be reported to the Division. This form is to be filled in quadruplicate, one copy to be filed, one copy to be retained by the owner or operator, one copy to be retained by the Division, and one copy to be retained by the appropriate District Office. (Revised 1952)

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

|                    |                  |                      |                  |
|--------------------|------------------|----------------------|------------------|
| T. Arby            | T. Canyon        | T. Ojo Alamo         | T. Penn. "B"     |
| T. Salt            | T. Strawn        | T. Rutland Fruitland | T. Penn. "C"     |
| B. 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 0         | T. Madison       |
| T. Queen           | T. Silurian      | T. Point Lookout     | T. Elbert        |
| T. Grayburg        | T. Montoya       | T. Mancos 732        | T. McCracken     |
| T. San Andres      | T. Simpson       | T. Gallup            | T. Ignacio Qizte |
| T. Glorietta       | T. McKee         | Base Greenhorn       | T. Granite       |
| T. Paddock         | T. Ellenburger   | T. Dakota            | T.               |
| T. Blinberry       | T. Gr. Wash      | T. Morrison          | T.               |
| T. Tubb            | T. Granite       | T. Todillo           | 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 732 to 760 | 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    | 732 | 732               | Mancos    |      |    |                   |           |
| 732  | 760 | 28                | Hospah    |      |    |                   |           |

# ILLEGIBLE

Form C-103  
Revised 10-1-78STATE OF NEW MEXICO  
OIL AND GAS COMMISSION

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |  |
|------------------------|--|
| NO. OF COPIES REQUIRED |  |
| DISTRIBUTION           |  |
| DATE                   |  |
| FILE                   |  |
| DATE                   |  |
| DATE                   |  |
| DATE                   |  |
| DATE                   |  |

So. Indicate Type of Well

State ☐Fee ☐

5. Indicate the type of well

0-9725

7. Unit Agreement Name

Miguel Creek

8. Form of Lease Name

S.F.P.R.R.

9. Well No.

#42

10. Field and Farm, or Wildcat

Miguel Creek Gallup

1. TYPE OF WELL

Oil Well ☒Gas Well ☐Dry ☐Other ☐

2. TYPE OF COMPLETION

New ☒Recom ☐Deepen ☐Plug Back ☐Diff. ☐Other ☐

3. Name of Operator

Capital Oil &amp; Gas Corporation

4. Address of Operator

P.O. Box 1038

Kilgore, Texas 75662

5. Location of Well

Well Letter M LOCATED 330 FEET FROM THE West Line AND 990 FEET FROM

South Line of Sec. 21 Twp. 16N Sec. 6W

6. County

McKinley

13. Date Spudded

7-7-81

14. Date T.D. Reached

7-8-81

15. Date Compl. (Ready to Prod.)

8-3-81

16. Elevations (If, HALL, RT, GK, etc.)

6406'

17. Elev. Casinghead

6406'

18. Total Depth

817'

19. Plug Back T.D.

816

20. If Multiple Compl., How Many

--

21. Intervals Drilled By

XX

22. Rotary Tools

XX

23. Cable Tools

XX

24. Producing Interval(s), of this completion - Top, Bottom, Name

740 - 765

25. Was Directional Survey Made

YES

26. Type Electric and Other Logs Run

GR/N

27. Was Well Cored

YES

## 9. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 5 1/2"      | 14.0           |           | 7 7/8"    | 90 SX            | --            |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

## 10. LINER RECORD

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

## 11. TUBING RECORD

| SIZE   | DEPTH SET | PACKER SET |
|--------|-----------|------------|
| 2 3/8" | 736       | --         |
|        |           |            |
|        |           |            |
|        |           |            |

## 12. Perforation Record (Interval, size and number)

744' - 753'

## 13. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

## 14. PRODUCTION

|          |                                                                        |      |
|----------|------------------------------------------------------------------------|------|
| 10-24-81 | Production Method (Flowing, gas lift, pumping - Size and type of pump) | Prod |
|          | PUMP 1 1/2" x 8'                                                       |      |
| 11-4-81  | Hours Tested                                                           | 24   |
|          | Choke Size                                                             | Full |
|          | Pressure at Test Period                                                | 9.5  |
|          | Oil - bbl.                                                             | 6    |
|          | Gas - MCF                                                              |      |
|          | Water - bbl.                                                           |      |
|          | Oil Gravity - API (Corr.)                                              |      |

15. Disposition of Logs (SOL, used for tool, coated, etc.)

Test Witnessed by

Jim Pepper

16. List of Attachments

NAME *[Signature]* TITLE *[Signature]* DATE *[Signature]*

# INSTRUCTIONS

This form is to be filled with the appropriate detailed notes of the trip taken and taken from 24 days after the completion of any newly drilled log. It is to be filled out by the person in charge of the trip and is to be filled out by the person in charge of the trip and is to be filled out by the person in charge of the trip. All data reported shall be accompanied by the original data. The data shall be reported by the person in charge of the trip. The data shall be reported by the person in charge of the trip. The data shall be reported by the person in charge of the trip.

## 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. Kittling Fruitland  | T. Penn. "C"     |
| D. Salt            | T. Alaka         | 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 0-742        | T. McCracken     |
| T. San Andres      | T. Simpson       | T. Gallup 742-762      | T. Ignacio Ortiz |
| T. Glorieta        | T. McKee         | Base Greenhorn 762-817 | T. Granite       |
| T. Paddock         | T. Ellenburger   | T. Dakota              | T.               |
| T. Minebry         | T. Gr. Wash      | T. Morrison            | T.               |
| T. Tubb            | T. Granite       | T. Todillo             | T.               |
| T. Drinkard        | T. Delaware Sand | T. Entrada             | T.               |
| T. Aho             | T. Bone Springs  | T. Wingate             | T.               |
| T. Wolfcamp        | T.               | T. Chinle              | T.               |
| T. Penn.           | T.               | T. Permian             | T.               |
| T. Cisco (Dough C) | T.               | T. Penn. "A"           | T.               |

## OIL OR GAS SANDS OR ZONES

|                        |                |
|------------------------|----------------|
| No. 1, from 742 to 762 | 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-  | 742 | 742               | Manchos       |      |    |                   |           |
| 742  | 762 | 20'               | Hospah-Gallup |      |    |                   |           |
| 762  | 817 | 55'               | Greenhorn     |      |    |                   |           |

# ILLEGIBLE

Form C-109  
Revised 10-1-78

STATE OF NEW MEXICO  
OIL AND GAS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

### WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |  |
|------------------------|--|
| NO. OF COPIES REQUIRED |  |
| DISTRIBUTION           |  |
| DATE OF                |  |
| FILE                   |  |
| DATE OF                |  |
| DATE OF                |  |
| DATE OF                |  |
| DATE OF                |  |

56. Indicate Type of Lease  
State ☐ Fee ☒  
5. Title and Lease Number  
0=9725

7. Unit Agreement Name  
Miguel Creek  
8. Term or Lease Time  
S.F.P.R.R.  
9. Well No.  
#43  
10. Field and Pool, or Wildcat  
Miguel Creek Ga-lup

#### 1. TYPE OF WELL

Oil Well ☒ Gas Well ☐ Dry ☐ Other ☐

#### 2. TYPE OF COMPLETION

New Well ☒ Re-work ☐ Deepen ☐ Plug Back ☐ Diff. Seal ☐ Other ☐

#### 3. Name of Operator

Capital Oil & Gas Corporation

#### 4. Address of Operator

P.O. Box 1038 Kilgore, Texas 75662

#### 5. Location of Well

Left Section PM Located 330 Feet from the South Line and 330 Feet from

West Line of Sec. 21 Twp. 16N R. 6W S. 40

11. County  
McKinley

13. Date Spudded 6-24-81 16. Date T.D. Reached 8-6-81 17. Date Compl. (Ready to Prod.) 6402' 18. Elevations (L.F., H.A.L., R.T., G.K., etc.) 6402' 19. Elev. Casinghead

20. Total Depth 760' 21. Plug Back T.D. 730' 22. If Multiple Compl., How Many -- 23. Intervals: Rotary Tools XX Cable Tools

#### 24. Producing Interval(s), of this completion - Top, Bottom, Name

730' - 760' Hospah

25. Was Directional Survey Made  
YES

#### 26. Type Electric and Other Logs Run

GR/N

27. Was Well Cored  
YES

| CASING RECORD (Report all string set in hole) |                |           |           | CEMENTING RECORD |             | AMOUNT PULL |
|-----------------------------------------------|----------------|-----------|-----------|------------------|-------------|-------------|
| CASING SIZE                                   | WEIGHT LB./FT. | DEPTH SET | MOLE SIZE | CEMENTING RECORD | AMOUNT PULL |             |
| 5 1/2"                                        | 14.0           | 730'      | 7 7/8"    | 125 BX           | --          |             |
|                                               |                |           |           |                  |             |             |
|                                               |                |           |           |                  |             |             |

| LINER RECORD |     |        |              | TUBING RECORD |        |           |            |
|--------------|-----|--------|--------------|---------------|--------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN        | SIZE   | DEPTH SET | PACKER SET |
|              |     |        |              |               | 2 3/8" | 718'      | --         |
|              |     |        |              |               |        |           |            |

#### 28. Perforation Record (Interval, size and number)

730' - 760' OH

| ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                               |
|--------------------------------------------|-------------------------------|
| DEPTH INTERVAL                             | AMOUNT AND KIND MATERIAL USED |
|                                            |                               |
|                                            |                               |
|                                            |                               |

| PRODUCTION         |                                                                     |                                |                         | WELL STATUS (Prod. or Shut-in) |              |                          |                 |
|--------------------|---------------------------------------------------------------------|--------------------------------|-------------------------|--------------------------------|--------------|--------------------------|-----------------|
| First Production   | Production Method (Flowing, gas lift, pumping - size and type pump) | Well Status (Prod. or Shut-in) |                         |                                |              |                          |                 |
| 9-28-81            | Pump 1 1/2" x 8'                                                    | SI                             |                         |                                |              |                          |                 |
| Date of Test       | Hours Tested                                                        | Choke Size                     | Prod'n. for Test Period | Oil - bbl.                     | Gas - MCF    | Water - bbl.             | Gas - Oil Ratio |
| 10-6-81            | 24                                                                  | Full                           |                         | 8.5                            | --           | 11                       | --              |
| Test Tubing Press. | Casing Pressure                                                     | Calculated 24-Hour Flow Rate   | Oil - bbl.              | Gas - MCF                      | Water - bbl. | Oil Gravity - API (Corr) |                 |
| --                 | Vac                                                                 |                                | 8.5                     | --                             | 11           | 31                       |                 |

#### 29. Disposition of Casing (S.D., used for fuel, coated, etc.)

Test Witnessed by  
Jim Pepper

#### 30. List of Attachments

NAME Jim Pepper TITLE 11-10-81 DATE 11-10-81

## INSTRUCTIONS

[illegible]

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

## Northwestern New Mexico

|                          |                        |                             |                        |
|--------------------------|------------------------|-----------------------------|------------------------|
| T. Ashby _____           | T. Canyon _____        | T. Ojo Alamn _____          | T. Penn. "B" _____     |
| T. Salt _____            | T. Stream _____        | T. Kittland Fruitland _____ | T. Penn. "C" _____     |
| D. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____           | T. Miss _____          | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____        | T. Devonian _____      | T. Monroe _____             | T. Madison _____       |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos 0-730 _____       | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____       | T. Gallup 730-760 _____     | T. Ignacio Qizte _____ |
| T. Glorietta _____       | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Winnebry _____        | T. Gr. Wash _____      | T. Morrison _____           | T. _____               |
| T. Tubb _____            | T. Granite _____       | T. Todilto _____            | T. _____               |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Entrada _____            | T. _____               |
| T. Aho _____             | 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<br>in Feet | Formation                | From | To | Thickness<br>in Feet | Formation |
|------------|------------|----------------------|--------------------------|------|----|----------------------|-----------|
| -0-<br>730 | 730<br>760 | 730<br>30'           | Manchos<br>Gallup-Hospah |      |    |                      |           |

Form C-105  
Revised 10-1-78

**OIL CONSERVATION DIVISION**  
**P. O. BOX 2080**  
**SANTA FE, NEW MEXICO 87501**

So. Indicate Type of Process  
State [ ] Fee [XX]  
S. State and County Name  
0-9725

0-9725

2. Unit Agreement June-

Miquel Creek

### B. Form of Lease Home

S.F.P.R.R.

3. 11. 1962

#44

10. Bird and Fox, or Wildcat

Miguel Creek Gallup

A

LOCATED

990

FEET FROM THE

North

990

FILET FISH

1. County

McKinley

|                   |                       |                                  |                                             |      |    |                      |          |
|-------------------|-----------------------|----------------------------------|---------------------------------------------|------|----|----------------------|----------|
| West line of sec. | 29                    | TWP.                             | 16N                                         | SEC. | 6W | RMPM                 | McKinley |
| 15. Date Spudded  | 16. Date T.D. Reached | 17. Date Compl. (Ready to Prod.) | 18. Elevations (H.F., H.A.H., RT, CR, etc.) |      |    | 19. Elev. Casinghead |          |
| 5-28-81           | 5-29-81               | 10-4-81                          | 6420' GL                                    |      |    | 6419'                |          |

|                        |                            |                                          |                                  |                     |             |
|------------------------|----------------------------|------------------------------------------|----------------------------------|---------------------|-------------|
| 2. Total Depth<br>748' | 21. Plug Back T.D.<br>748' | 22. If Multiple Compl., How<br>Many<br>1 | 23. Intervals<br>Drilled By<br>→ | Rotary Tools<br>All | Cable Tools |
|------------------------|----------------------------|------------------------------------------|----------------------------------|---------------------|-------------|

|                                                                   |                                 |
|-------------------------------------------------------------------|---------------------------------|
| 24. Producing Interval(s), of this completion - Top, Bottom, Name | 25. Was Directional Survey Made |
| 734'-744' Hospah                                                  | Yes                             |

|                   |                    |
|-------------------|--------------------|
| Gamma Ray Neutron | 27. Was Well Cored |
|                   | Yes                |

| C. CASING RECORD (Report all strings set in well) |                |           |           |                  |               |
|---------------------------------------------------|----------------|-----------|-----------|------------------|---------------|
| CASING SIZE                                       | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 4-1/2"                                            | 9.50           | 748'      | 7-7/8"    | 150 sx.          | --            |
|                                                   |                |           |           |                  |               |
|                                                   |                |           |           |                  |               |
|                                                   |                |           |           |                  |               |

| 9. LINER RECORD |     |        |              |        | 30. TUBING RECORD |           |            |
|-----------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE            | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|                 |     |        |              |        | 2-3/8"            | 720'      | --         |
|                 |     |        |              |        |                   |           |            |

| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                                |
|------------------------------------------------|------------------------------------------------|
| DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED                  |
| 733-743'                                       | 1000 Bbl. - 3% KCL & .5%<br>CSP-3 & 20 Ton CO2 |
|                                                |                                                |
|                                                |                                                |
|                                                |                                                |

| PRODUCTION          |                                                                     |                                |
|---------------------|---------------------------------------------------------------------|--------------------------------|
| First Production    | Production Method (Flowing, gas lift, pumping - Size and type pump) | Well Status (Prod. or Shut-in) |
| Has Not Been Tested |                                                                     |                                |

|                    |                 |                           |                           |            |              |                           |                 |
|--------------------|-----------------|---------------------------|---------------------------|------------|--------------|---------------------------|-----------------|
| Rate of Test       | Hours Tested    | Choke Size                | Prod'n. For Test Period → | Oil - Bbl. | Gas - MCF    | Water - bbl.              | Gas - Oil Ratio |
| Flow Tubing Press. | casing Pressure | Calculated 24-Hour Rate → | Oil - Bbl.                | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.) |                 |

|                                                            |                   |
|------------------------------------------------------------|-------------------|
| a. Disposition of Gas (Solid, used for fuel, vented, etc.) | Test Witnessed By |
|------------------------------------------------------------|-------------------|

1. List of Attachments

Gary Blanks, Vice President

10-29-81

## INSTRUCTIONS

The form to be filled with the appropriate labels *follows* of the checklist not later than 20 days after the completion of any newly installed or improved well. It shall be submitted by the owner of all structural or substantially permanent wells and a copy of all types of tests conducted by the following 100 days after completion of the report. All other reports shall be submitted by the owner of the newly drilled wells, new wells, deep wells, or wells repaired, altered, or completed, by the 100 days after completion of the report. The form is to be filed in the appropriate county or locality where the well is located. (HB 1152)

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northern New Mexico

|                          |                        |                             |                        |
|--------------------------|------------------------|-----------------------------|------------------------|
| T. Anby _____            | T. Canyon _____        | T. Ojo Alam _____           | T. Penn. "B" _____     |
| T. Salt _____            | T. Stream _____        | T. Kirtland Fruitland _____ | T. Penn. "C" _____     |
| D. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____           | T. Miss _____          | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____        | T. Devonian _____      | T. Monree _____             | T. Madison _____       |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qizte _____ |
| T. Glorietta _____       | T. McKee _____         | Buse Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinobry _____        | T. Gr. Wash _____      | T. Morrison _____           | T. _____               |
| T. Tubb _____            | T. Granite _____       | T. Todillo _____            | T. _____               |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Entrada _____            | T. _____               |
| T. Aho _____             | 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 734 to 744 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<br>in Feet | Formation | From | To | Thickness<br>in Feet | Formation |
|------|-----|----------------------|-----------|------|----|----------------------|-----------|
| 0    | 734 | 734                  | Mancos    |      |    |                      |           |
| 734  | 744 | 10                   | Hospah    |      |    |                      |           |

# ILLEGIBLE

Form C-108  
Revised 10-1-78

STATE OF NEW MEXICO  
NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |  |
|------------------------|--|
| NO. OF COPIES REQUIRED |  |
| DISTRIBUTION           |  |
| DATE                   |  |
| FILE                   |  |
| NAME                   |  |
| ADDRESS                |  |
| PHONE                  |  |
| OPERATOR               |  |

50. Indicate Type of Lease  
State ☐ Free ☒   
5. Lease or Conveyance No.  
0-9725

1. TYPE OF WELL

2. TYPE OF COMPLETION

3. Name of Operator

Capital Oil & Gas Corporation

4. Address of Operator  
P.O. Box 1038 Kilgore, Texas 75662

6. Location of Well

UNIT SECT. D LOCATED 990 FEET FROM THE North LINE AND 320 FEET FROM

West LINE OF SEC. 28 TWP. 16N SEC. 6W

5. Date Spudded 6-16-81 16. Date T.D. Reached 6-17-81 17. Date Compl. (Ready to Prod.) 10-26-81 18. Elevations (DF, KAL, RT, GK, etc.) 6442' GL 19. Elev. Casinghead 6441'

20. Total Depth 775' 21. Plug Back T.D. 774' 22. If Multiple Compl., How Many 1 23. Intervals Drilled by Rotary Tools All 24. Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name 748'-760' (4 JSPF)

25. Type Electric and Other Logs Run Gamma Ray Neutron 26. Was Directional Survey Made Yes

27. Was Well Cored No

| CASING RECORD (Report all strings set in well) |                |           |           |                  |               |
|------------------------------------------------|----------------|-----------|-----------|------------------|---------------|
| CASING SIZE                                    | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 4-1/2"                                         | 9.50           | 774'      | 7-7/8     | 125 sx           | -             |
| 2-3/8"                                         | 4.70           | 740'      | 4-1/2     | -                | -             |
|                                                |                |           |           |                  |               |
|                                                |                |           |           |                  |               |

| LINER RECORD |     |        |              |        | TUBING RECORD |           |            |
|--------------|-----|--------|--------------|--------|---------------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE          | DEPTH SET | PACKER SET |
|              |     |        |              |        | 2-3/8"        | 740'      | --         |

| 28. Perforation Record (Interval, size and number) |  | 29. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                               |
|----------------------------------------------------|--|------------------------------------------------|-------------------------------|
| 748'-760' (4 JSPF)                                 |  | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED |
|                                                    |  | None                                           |                               |
|                                                    |  |                                                |                               |
|                                                    |  |                                                |                               |

30. PRODUCTION  
Date First Production 10-26-81  
Production Method (Flowing, gas lift, pumping - size and type pump) Pump - 1 1/2" Insert  
Well Status (Prod. or Shut-in) Prod.

| Date of Test      | Hours Tested    | Choke Size              | Prod'n. for Test Period | Oil - bbl. | Gas - MCF    | Water - bbl.              | Gas - Oil Ratio |
|-------------------|-----------------|-------------------------|-------------------------|------------|--------------|---------------------------|-----------------|
| 10-27-81          | 24              | Full                    |                         | 4          | TSTM         | 7                         | -               |
| Low Tubing Press. | Casing Pressure | Calculated 24-Hour Flow | Oil - bbl.              | Gas - MCF  | Water - bbl. | Oil Quality - API (Corr.) |                 |
| -0-               | Vac             |                         | 4                       | TSTM       | 7            | 32                        |                 |

31. Disposition of Core (S.D., used for [ ], tested, etc.)  
Test Witnessed by J. Pepper

32. List of Attachments

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.  
Gary Blanks, Vice President 10/29/81

### INSTRUCTIONS

[illegible]

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. Kittland Fruitland | T. Penn. "C"      |
| B. 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      | T. Simpson       | T. Gallup             | T. Ignacio Qtzite |
| T. Glorieta        | T. McKee         | Bose Greenhorn        | T. Granite        |
| T. Paddock         | T. Ellenburger   | T. Dakota             | T.                |
| T. Blaineby        | T. Gr. Wash      | T. Morrison           | T.                |
| T. Tubb            | T. Granite       | T. Todilto            | T.                |
| T. Drinkard        | T. Delaware Sand | T. Entrada            | T.                |
| T. Aho             | 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 747 to 760 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<br>in Feet | Formation     | From | To | Thickness<br>in Feet | Formation |
|------|-----|----------------------|---------------|------|----|----------------------|-----------|
| 0    | 747 | 747                  | Mancos        |      |    |                      |           |
| 747  | 760 | 13                   | Hospah-Gallup |      |    |                      |           |

ILLEGIBLE

Form C-105  
Revised 10-1-78

STATE OF NEW MEXICO  
OIL AND GAS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2488  
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |  |
|------------------------|--|
| NO. OF COPIES REQUIRED |  |
| INSTRUCTIONS           |  |
| DATE                   |  |
| FILE                   |  |
| DATE                   |  |
| DATE                   |  |
| DATE                   |  |
| DATE                   |  |

30. Indicate Type of Lease  
State ☐ Fee ☐  
3. Title and Lease Number  
0-9725  
7. Unit Agreement Name  
Miguel Creek  
8. Farm or Lease Name  
S.F.P.R.R.  
9. Well No.  
#46  
10. Field and Field, or Wildcat  
Miguel Creek Gallup  
11. County  
McKinley

1. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ HOT ☐ OTHER ☐  
2. TYPE OF COMPLETION  
NEW ☒ REPAIR ☐ DEEPEN ☐ PLUG ☐ DIFF. ☐ OTHER ☐  
3. Name of Operator  
Capital Oil & Gas Corporation  
4. Address of Operator  
P.O. Box 1038 Kilgore, Texas 75662

5. Location of Well  
East ☐ North ☐ South ☐ West ☐  
LOCATED 1650 FEET FROM THE North LINE AND 330 FEET FROM East LINE OF SEC. 28 TWP. 16N SEC. 6W

|                                                                                                |                                 |                                             |                                                      |                                        |
|------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------------------|------------------------------------------------------|----------------------------------------|
| 15. Date Spudded<br>7-8-81                                                                     | 16. Date T.D. Reached<br>7-9-81 | 17. Date Compl. (Ready to Prod.)<br>8-31-81 | 18. Elevations (H.F., H.A.B., RT, GN, etc.)<br>6428' | 19. Elev. Casinghead<br>6428'          |
| 20. Total Depth<br>782'                                                                        | 21. Plug Back T.D.<br>780'      | 22. If Multiple Compl., How Many<br>--      | 23. Intervals Drilled By<br>Rotary Tools<br>XXX      | 24. Cable Tools<br>--                  |
| 24. Producing Interval(s), of this completion - Top, bottom, Name<br>740' - 765' Hospah-Gallup |                                 |                                             |                                                      | 25. Was Directional Survey Mode<br>YES |
| 26. Type Electric and Other Logs Run<br>GR/N                                                   |                                 |                                             |                                                      | 27. Was Well Cored<br>YES              |

| CASING RECORD (Report all strings set in well) |                |           |           |                  |             |
|------------------------------------------------|----------------|-----------|-----------|------------------|-------------|
| CASING SIZE                                    | WEIGHT LB./FT. | DEPTH SET | MOLE SIZE | CEMENTING RECORD | AMOUNT PULL |
| 5 1/2"                                         | 14.0           | 780'      | 7 7/8"    | 125 sx           | --          |
|                                                |                |           |           |                  |             |
|                                                |                |           |           |                  |             |
|                                                |                |           |           |                  |             |

| LINER RECORD |     |        |              |        | TUBING RECORD |           |            |
|--------------|-----|--------|--------------|--------|---------------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE          | DEPTH SET | PACKER SET |
|              |     |        |              |        | 2 3/8"        | 735'      | --         |
|              |     |        |              |        |               |           |            |
|              |     |        |              |        |               |           |            |

28. Perforation Record (Interval, size and number)  
743' - 749'

29. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL  
AMOUNT AND KIND MATERIAL USED

30. PRODUCTION  
Date First Production  
10-18-81  
Production Method (Flowing, lift, pumping - size and type pump)  
Pump 1 1/2" x 8"  
Well Status (Prod. or Shut-in)  
Prod

|                          |                       |                                    |                              |                 |                    |                                 |                       |
|--------------------------|-----------------------|------------------------------------|------------------------------|-----------------|--------------------|---------------------------------|-----------------------|
| Date of Test<br>11-6-81  | Hours Tested<br>24    | Choke Size<br>Full                 | Flowing or Test Period<br>-- | Oil - bbl.<br>6 | Gas - MCF<br>--    | Water - bbl.<br>13              | Gas - Oil Ratio<br>-- |
| Flow Tubing Press.<br>-- | Casing Pressure<br>-- | Calculated 24-Hour Flow Rate<br>-- | Oil - bbl.<br>6              | Gas - MCF<br>-- | Water - bbl.<br>13 | Oil Gravity - API (Corr.)<br>31 |                       |

31. Disposition of Casing (SOL, used for fuel, cement, etc.)  
Test Witnessed by  
Jim Pepper

32. List of Attachments

NAME *Gary Blanton* TITLE *REC'D* DATE *11-10-81*

# INSTRUCTIONS

Logs from the hole to be filled with the appropriate material before the completion of any necessary drilling or logging operations. It is the responsibility of the company to fill the hole with the appropriate material before the completion of any necessary drilling or logging operations. All depths reported shall be measured by the company and shall be reported to the state. The logs to be filled in shall be reported to the state. The logs to be filled in shall be reported to the state.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

|                    |                  |                        |                  |
|--------------------|------------------|------------------------|------------------|
| T. Anby            | T. Canyon        | T. Ojo Alam            | T. Penn. "B"     |
| T. Salt            | T. Stream        | T. Kirtland Fruitland  | T. Penn. "C"     |
| D. Salt            | T. Anka          | T. Pictured Cliffs     | T. Penn. "D"     |
| T. Yates           | T. Miss          | T. Cliff House         | T. Leadville     |
| T. 7 Rivers        | T. Devonian      | T. Monree              | T. Madison       |
| T. Queen           | T. Silurian      | T. Point Lookout       | T. Elbert        |
| T. Grayburg        | T. Montoya       | T. Manos 0-740         | T. McCracken     |
| T. San Andres      | T. Simpson       | T. Gallup 740-765      | T. Ignacio Ortiz |
| T. Glorietta       | T. McKee         | Base Greenhorn 765-782 | T. Granite       |
| T. Paddock         | T. Ellenburger   | T. Dakota              | T.               |
| T. Winebry         | T. Gr. Wash      | T. Morrison            | T.               |
| T. Tubb            | T. Granite       | T. Todillo             | T.               |
| T. Drinkard        | T. Delaware Sand | T. Entrada             | T.               |
| T. Alio            | T. Bone Springs  | T. Wingate             | T.               |
| T. Wolfcamp        | T.               | T. Chinle              | T.               |
| T. Penn.           | T.               | T. Permian             | T.               |
| T. Cisco (Dough C) | T.               | T. Penn. "A"           | T.               |

## OIL OR GAS SANDS OR ZONES

|                        |                |
|------------------------|----------------|
| No. 1, from 740 to 765 | 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-  | 740 | 740               | Manchos       |      |    |                   |           |
| 740  | 765 | 25'               | Hospah-Gallup |      |    |                   |           |
| 765  | 782 | 17'               | Greenhorn     |      |    |                   |           |

# ILLEGIBLE

Form C-103  
Revised 10-1-78

STATE OF NEW MEXICO  
OIL AND GAS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |  |
|------------------------|--|
| NO. OF COPIES REQUIRED |  |
| DATE OF REPORT         |  |
| FILE                   |  |
| NO. OF PAGES           |  |
| DATE OF REVIEW         |  |
| OPERATION              |  |

|                                  |                     |
|----------------------------------|---------------------|
| 5a. Indicate Type of Lease       |                     |
| State                            | [ ]                 |
| 5. Lease No. & Case No. (if any) | C-9725              |
| 7. Well Agreement Name           | Miguel Creek        |
| 8. Term of Lease (Time)          | S.F.P.R.R.          |
| 9. Well No.                      | #47                 |
| 10. Field and Farm, or Wildcat   | Miguel Creek Gallup |
| 11. County                       | McKinley            |

|                       |                                                                                                                                                                                                                |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. TYPE OF WELL       | ON WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OIL WELL <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                 |
| 2. TYPE OF COMPLETION | NEW <input checked="" type="checkbox"/> REPAIR <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. GRADE <input type="checkbox"/> OTHER <input type="checkbox"/> |

|                        |                                    |
|------------------------|------------------------------------|
| 3. Name of Operator    | Capital Oil & Gas Corporation      |
| 4. Address of Operator | P.O. Box 1038 Kilgore, Texas 75662 |
| 6. Location of Well    |                                    |

|                |              |         |      |               |       |          |       |           |  |
|----------------|--------------|---------|------|---------------|-------|----------|-------|-----------|--|
| 5. Well Letter | L            | LOCATED | 2310 | FEET FROM THE | South | LINE AND | 330   | FEET FROM |  |
| West           | LINE OF SEC. | 21      | TWP. | 16N           | SEC.  | 6W       | RANGE |           |  |

|                  |        |                       |        |                                  |         |                                             |                 |                      |       |
|------------------|--------|-----------------------|--------|----------------------------------|---------|---------------------------------------------|-----------------|----------------------|-------|
| 13. Date Spudded | 7-6-81 | 16. Date T.D. Reached | 7-8-81 | 17. Date Compl. (Ready to Prod.) | 9-11-81 | 18. Elevations (L.F., H.A.H., RT, GN, etc.) | 6477'           | 19. Elev. Casinghead | 6477' |
| 20. Total Depth  | 865'   | 21. Plug Back T.D.    | 865'   | 22. If Multiple Compl., How Many | --      | 23. Intervals Drilled By                    | Rotary Tools XX | Cable Tools          |       |

|                                                                   |                    |                                 |     |
|-------------------------------------------------------------------|--------------------|---------------------------------|-----|
| 24. Producing Interval(s), of this completion - Top, Bottom, Name | 841' - 870' Hospah | 25. Was Directional Survey Made | YES |
| 26. Type Electric and Other Logs Run                              | GR/N               | 27. Was Well Cored              | YES |

| CASING RECORD (Report all strings set in well) |                |           |           |                  |             |
|------------------------------------------------|----------------|-----------|-----------|------------------|-------------|
| CASING SIZE                                    | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULL |
| 5 1/2"                                         | 14.0           | 865'      | 7 7/8"    | 125 sx           | --          |
|                                                |                |           |           |                  |             |
|                                                |                |           |           |                  |             |
|                                                |                |           |           |                  |             |

| LINER RECORD |     |        |              |        | TUBING RECORD |           |            |
|--------------|-----|--------|--------------|--------|---------------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE          | DEPTH SET | PACKER SET |
|              |     |        |              |        | 2 3/8"        | 820'      | --         |
|              |     |        |              |        |               |           |            |
|              |     |        |              |        |               |           |            |

|                                                    |             |                                                |                               |
|----------------------------------------------------|-------------|------------------------------------------------|-------------------------------|
| 28. Perforation Record (Interval, size and number) | 842' - 852' | 29. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                               |
|                                                    |             | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED |
|                                                    |             |                                                |                               |
|                                                    |             |                                                |                               |
|                                                    |             |                                                |                               |

| PRODUCTION                                                  |          |                                                                     |                  |                                   |      |                                   |      |
|-------------------------------------------------------------|----------|---------------------------------------------------------------------|------------------|-----------------------------------|------|-----------------------------------|------|
| 30. First Production                                        | 10-14-81 | Production Method (Flowing, gas lift, pumping - Size and type pump) | Pump 1 1/2" x 8' | 31. Production (Prod. or Shut-in) | Prod | 32. Production (Prod. or Shut-in) | Prod |
| 33. Date of Test                                            | 11-4-81  | Hours Tested                                                        | 24               | Choke Size                        | Full | Flow Rate                         | 8    |
| 34. Test Tubing Press.                                      | --       | Casing Pressure                                                     | --               | Oil - Bbl.                        | 9    | Gas - MCF                         | --   |
| 35. Disposition of Well (S.D., used for fuel, sealed, etc.) |          | Water - Bbl.                                                        | 8                | Oil Gravity - API (Corr.)         | 31   |                                   |      |

|                   |            |
|-------------------|------------|
| Test Witnessed by | Jim Pepper |
|-------------------|------------|

|      |            |       |  |      |       |
|------|------------|-------|--|------|-------|
| NAME | Barry Blum | TITLE |  | DATE | 11-81 |
|------|------------|-------|--|------|-------|

### INSTRUCTIONS

[illegible]

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE.

### Southeastern New Mexico

### Northeastern New Mexico

|                          |                        |                                |                         |
|--------------------------|------------------------|--------------------------------|-------------------------|
| T. Anhy _____            | T. Canyon _____        | T. Ojo Alam _____              | T. Penn "B" _____       |
| T. Salt _____            | T. Stream _____        | T. Kirtland Fruitland _____    | T. Penn "C" _____       |
| D. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____       | T. Penn "D" _____       |
| T. Yates _____           | T. Miss _____          | T. Cliff House _____           | T. Leadville _____      |
| T. 7 Rivers _____        | T. Devonian _____      | T. Monroe _____                | T. Madison _____        |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____         | T. Elbert _____         |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos 0-840' _____         | T. McCracken _____      |
| T. San Andres _____      | T. Simpson _____       | T. Gallup 840'-860' _____      | T. Ignacio Qtzite _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn 860'-865' _____ | T. Granite _____        |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____                | T. _____                |
| T. Winchry _____         | T. Gr. Wash _____      | T. Morrison _____              | T. _____                |
| T. Tubb _____            | T. Granite _____       | T. Todilto _____               | T. _____                |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Entrada _____               | T. _____                |
| T. Alto _____            | T. Bone Springs _____  | T. Wingate _____               | T. _____                |
| T. Wolfcamp _____        | T. _____               | T. Chinle _____                | T. _____                |
| L. Penn _____            | T. _____               | T. Permian _____               | T. _____                |
| T. Cisco (Dough C) _____ | T. _____               | T. Penn "A" _____              | T. _____                |

## OIL OR GAS SANDS OR ZONES

840 860

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<br>in Feet | Formation     | From | To | Thickness<br>in Feet | Formation |
|------|-----|----------------------|---------------|------|----|----------------------|-----------|
| -0-  | 840 | 840                  | Manchos       |      |    |                      |           |
| 840  | 860 | 20'                  | Hospah-Gallup |      |    |                      |           |
| 860  | 865 | 5'                   | Greenhorn     |      |    |                      |           |

ILLEGIBLE

Form C-105  
Revised 10-1-78

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |  |
|------------------------|--|
| NO. OF COPIES RECEIVED |  |
| DISTRIBUTION           |  |
| DATE                   |  |
| FILE                   |  |
| REMARKS                |  |
| APPROVED BY            |  |
| OPERATOR               |  |

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. State Oil & Gas Lease No.  
0-9725

A. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

B. TYPE OF COMPLETION

NEW WELL ☒ REPAIR ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. DESIGN ☐ OTHER ☐

C. Name of Operator

Capital Oil & Gas Corporation

D. Address of Operator

P. O. Box 2130, Kilgore, Texas 75662

E. Location of Well

WELL LETTER L LOCATED 2310 FEET FROM THE South LINE AND 990 FEET FROM

West LINE OF SEC. 21 TWP. 16N SEC. 6W RMPM

15. Date Spudded 6/28/81 16. Date T.D. Reached 8/16/81 17. Date Compl. (Ready to Prod.) 10/9/81 18. Elevations (LF, KAH, RT, GR, etc.) 6443 GL 19. Elev. Casinghead 6444

20. Total Depth 856 21. Plug Back T.D. 856 22. If Multiple Compl., How Many            23. Intervals Drilled By            Rotary Tools X Cable Tools           

F. Producing Interval(s), of this completion - Top, Bottom, Name

832-842 Hospah (Upper Callup)

25. Was Directional Survey Made

Yes

G. Type Electric and Other Logs Run

Gamma Ray-Neutron

27. Was Well Cored

No

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

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 5-1/2       | 15.5           | 792       | 7-7/8"    | 125 sx           |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

I. LINER RECORD

J. TUBING RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE  | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|-------|-----------|------------|
|      |     |        |              |        | 2-3/8 | 845       | No         |
|      |     |        |              |        |       |           |            |
|      |     |        |              |        |       |           |            |
|      |     |        |              |        |       |           |            |

K. Perforation Record (Interval, size and number)

792 - 856 Open Hole

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
|                |                               |
|                |                               |
|                |                               |
|                |                               |

M. PRODUCTION

|                                  |                        |                                                                                |                              |                   |                     |                                 |                                         |  |
|----------------------------------|------------------------|--------------------------------------------------------------------------------|------------------------------|-------------------|---------------------|---------------------------------|-----------------------------------------|--|
| Date First Production<br>10-9-81 |                        | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Pumping |                              |                   |                     |                                 | Well Status (Prod. or Shut-in)<br>Prod. |  |
| Date of Test<br>10-9-81          | Hours Tested<br>24     | Choke Size                                                                     | Prod'n. for Test Period<br>→ | Oil - bbl.<br>4.1 | Gas - MCF<br>TSTM   | Water - bbl.<br>-0-             | Gas - Oil Ratio<br>-                    |  |
| Flow Tubing Press.<br>-0-        | Casing Pressure<br>-0- | Calculated 24-Hour Rate<br>→                                                   | Oil - bbl.<br>4.1            | Gas - MCF<br>TSTM | Water - bbl.<br>-0- | Oil Gravity - API (Corr.)<br>31 |                                         |  |

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

Vented

Test Witnessed By

W. W. Waller

O. List of Attachments

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.

NAME Gary Plank TITLE Representative

DATE 10/20/81

### INSTRUCTIONS

The form is to be filled with the appropriate number of copies of the Division not later than 20 days after the completion of any newly drilled or reopened well. It shall be accompanied by one copy of all electrical and electronic logs run in the well and a summary of all special tests run in the well, including pressure tests. All depth reports shall be measured by the bottom of directionally drilled wells. Gas wells of any depth shall submit reports of formation gas, gas-oil ratio, and gas gravity, through the depth of the well. The logs are to be filed in quadruplicate in one copy, *in triplicate*, where the copies are required, Section 1152.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

|                          |                        |                             |                        |
|--------------------------|------------------------|-----------------------------|------------------------|
| T. Andy _____            | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____            | T. Stream _____        | T. Rutland Fruitland _____  | T. Penn. "C" _____     |
| D. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____           | T. Miss _____          | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____        | T. Devonian _____      | T. Monroe _____             | T. Madison _____       |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos 0 - 832 _____     | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____       | T. Gallup 832 (Upper) _____ | T. Ignacio Qizte _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinobry _____        | 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

ONE OR TWO BANDS OR ZONES

No. 1, from 832 to 842 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<br>in Feet | Formation                | From | To | Thickness<br>in Feet | Formation |
|------|-----|----------------------|--------------------------|------|----|----------------------|-----------|
| -0-  | 832 | 832                  | Mancos                   |      |    |                      |           |
| 832  | 856 | 24                   | Upper Gallup-Hospah Sand |      |    |                      |           |

# ILLEGIBLE

Form C-101  
Revised 10-1-78

STATE OF NEW MEXICO  
ENERGY AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                    |  |
|--------------------|--|
| NAME OF OPERATOR   |  |
| ADDRESS            |  |
| CITY               |  |
| STATE              |  |
| ZIP                |  |
| DATE OF REPORT     |  |
| REPORTING OPERATOR |  |

1. Indicate Type of Lease  
State ☐ Fee ☐  
2. Lease No. & Date of Lease  
0-9725

3. TYPE OF WELL  
Oil Well ☒ Gas Well ☐ Dry ☐ Other ☐  
4. TYPE OF COMPLETION  
New Well ☒ Deepen ☐ Plug Back ☐ Diff. Design ☐ Other ☐

7. Unit Agreement Name  
Miguel Creek  
8. Term of Lease (Years)  
S.F.P.R.R.

5. Name of Operator  
Capital Oil & Gas Corporation  
6. Address of Operator  
P.O. Box 1038 Kilgore, Texas 75662

9. Well No.  
#49  
10. Field and Farm, or Wildcat  
Miguel Creek Gallup

7. Location of Well  
11. Section  
L 1650 South 990  
12. Township  
West 21 Twp. 16N R. 6W

13. County  
McKinley

14. Date Spudded  
6-17-81  
15. Date T.D. Reached  
6-18-81  
16. Date Compl. (Ready to Prod.)  
9-11-81  
17. Elevations (LF, HALL, RT, GR, etc.)  
6409'

18. Elev. Casinghead  
6409'

19. Total Depth  
812'  
20. Plug Back T.D.  
812'  
21. If Multiple Compl., How Many  
--  
22. Intervals Drilled By Rotary Tools  
XX  
23. Cable Tools

24. Was Directional Survey Made  
YES

24. Producing Interval(s), of this completion - Top, Bottom, Name  
775' - 784'

25. Was Well Cored  
YES

26. Type Electric and Other Logs Run  
Comp Den & N GR/N

27. Was Well Cored  
YES

| CASING RECORD (Report all strings set in well) |                |           |           |                  |               |
|------------------------------------------------|----------------|-----------|-----------|------------------|---------------|
| CASING SIZE                                    | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 4 1/2"                                         | 9.5            | 812'      | 7 7/8"    | 125 SX           | --            |
|                                                |                |           |           |                  |               |
|                                                |                |           |           |                  |               |
|                                                |                |           |           |                  |               |

| LINER RECORD |     |        |              | TUBING RECORD |           |            |
|--------------|-----|--------|--------------|---------------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SIZE          | DEPTH SET | PACKER SET |
|              |     |        |              | 2 3/8"        | 760'      | --         |
|              |     |        |              |               |           |            |
|              |     |        |              |               |           |            |

| 1. Perforation Record (Interval, size and number) |  | 2. Acid, Shot, Fracture, Cement Squeeze, ETC. |                               |
|---------------------------------------------------|--|-----------------------------------------------|-------------------------------|
| 775' - 784'                                       |  | DEPTH INTERVAL                                | AMOUNT AND KIND MATERIAL USED |
|                                                   |  |                                               |                               |
|                                                   |  |                                               |                               |
|                                                   |  |                                               |                               |

3. First Production  
10-19-81  
Production Method (Flowing, gas lift, pumping - Size and type pump)  
Pump 1 1/2" x 8'  
Well Status (Prod. or Shut-in)  
Prod  
4. Date of Test  
11-7-81  
Hours Tested  
24  
Choke Size  
Full  
Pressure at Test Interval  
Oil - bbl. 14 Gas - MCF -- Water - bbl. 3 Gas - Oil Ratio --  
5. Tubing Losses  
Casing Pressure  
Calculated 24-Hour Flow  
Oil - bbl. 14 Gas - MCF -- Water - bbl. 3 Oil Gravity - API (Lbs.) 31  
6. Disposition of Casing (Sull., used for tool, sealed, etc.)  
Test Witnessed by  
Jim Pepper

7. List of Attachments

NAME Gary Blank TITLE ICP DATE 11-10-81  
I hereby certify that the data on this form is true and complete to the best of my knowledge and belief.

## INSTRUCTIONS

On 10/10/1952, the following information was received from the Bureau of the Census, Washington, D.C. regarding the results of the 1950 Census of the United States, as reported by the Bureau of the Census, Washington, D.C. The results of the 1950 Census of the United States, as reported by the Bureau of the Census, Washington, D.C. are as follows:

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

## Northeastern New Mexico

|                          |                        |                              |                         |
|--------------------------|------------------------|------------------------------|-------------------------|
| Andy _____               | T. Canyon _____        | T. Ojo Alam _____            | T. Penn. "H" _____      |
| Salt _____               | T. Stream _____        | T. Kirtland Fruitland _____  | T. Penn. "C" _____      |
| Salt _____               | T. Atoka _____         | T. Pictured Cliffs _____     | T. Penn. "D" _____      |
| Yates _____              | T. Miss _____          | T. Cliff House _____         | T. Leadville _____      |
| 7 Rivers _____           | T. Devonian _____      | T. Moncree _____             | T. Madison _____        |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____       | T. Elbert _____         |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos 0-775 _____        | T. McCracken _____      |
| T. San Andres _____      | T. Simpson _____       | T. Gallup 775-780 _____      | T. Ignacio Qtzite _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn 780-815 _____ | T. Granite _____        |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____              | T. _____                |
| T. Lincoln _____         | T. Gr. Wash _____      | T. Morrison _____            | T. _____                |
| T. Tubb _____            | T. Granite _____       | T. Todillo _____             | T. _____                |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Entrada _____             | T. _____                |
| T. Aho _____             | T. Bone Springs _____  | T. Wingate _____             | T. _____                |
| T. Wolfcamp _____        | T. _____               | T. Chinle _____              | T. _____                |
| T. Penn. _____           | T. _____               | T. Permian _____             | T. _____                |
| T. Cisco (Dough C) _____ | T. _____               | T. Penn. "A" _____           | T. _____                |

**OIL OR GAS SANDS OR ZONES**

No. 1, from 775 to 790 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 \_\_\_\_\_ sect. \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ sect. \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ sect. \_\_\_\_\_  
 No. 4, from \_\_\_\_\_ to \_\_\_\_\_ sect. \_\_\_\_\_

**FORMATION RECORD (Attach additional sheets if necessary)**

| From | To  | Thickness<br>in Feet | Formation     | From | To | Thickness<br>in Feet | Formation |
|------|-----|----------------------|---------------|------|----|----------------------|-----------|
| -0-  | 775 | 775                  | Manchos       |      |    |                      |           |
| 775  | 790 | 15*                  | Hospah-Gallup |      |    |                      |           |
| 790  | 815 | 25*                  | Greenhorn     |      |    |                      |           |

# ILLEGIBLE

Form C-105  
Revised 10-1-78

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

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

### WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|              |  |
|--------------|--|
| NAME OF WELL |  |
| LOCATION     |  |
| DATE         |  |
| FILE         |  |
| WELL         |  |
| DATE OF WELL |  |
| OPERATOR     |  |

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. Lease or Conveyance No.  
0-9725

#### 1. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

#### 2. TYPE OF COMPLETION

NEW WELL ☒ REPAIR ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. DESIGN ☐ OTHER ☐

#### 3. Name of Operator

Capital Oil & Gas Corporation

#### 4. Address of Operator

P.O. Box 1038 Kilgore, Texas 75662

#### 5. Location of Well

UNIT LETTER M LOCATED 990 FEET FROM THE South LINE AND 990 FEET FROM

West LINE OF SEC. 21 TWP. 16N REC. 6W

15. Date Spudded 7-29-81 16. Date T.D. Reached 7-31-81 17. Date Compl. (Ready to Prod.) 10-18-81 18. Elevations (DIP, HAH, RT, GR, etc.) 6379' GL 19. Elev. Casinghead 6378'

20. Total Depth 793' 21. Plug Back T.D. 793' 22. If Multiple Compl., How Many 1 23. Intervals Rotary Tools Drilled By All Cable Tools

#### 24. Producing Interval(s), of this completion - Top, Bottom, Name

744'-763' Hospah

#### 25. Was Directional Survey Made

Yes

#### 26. Type Electric and Other Logs Run

Gamma Ray Neutron

#### 27. Was Well Cored

Yes

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

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 5-1/2"      | 14             | 793       | 7-7/8     | 125 SX           | -             |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

#### 29. LINER RECORD

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

#### 30. TUBING RECORD

| SIZE  | DEPTH SET | PACKER SET |
|-------|-----------|------------|
| 2-3/8 | 710'      | -          |
|       |           |            |
|       |           |            |

#### 31. Perforation Record (Interval, size and number)

744'-751' (4JSPF)

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| None           |                               |
|                |                               |
|                |                               |
|                |                               |

#### 33. PRODUCTION

First Production 10-18-81 Production Date (Including gas lift, pumping - size and type pump) Pump - 1 1/2" Insert Well Status (Prod. or Shut-in) Prod.

Date of Test 10-22-81 Hours Tested 24 Choke Size Full Production for Test Period Oil - bbl. 5 Gas - MCF TSTM Water - bbl. 6 Gas - Oil Ratio TSTM

Flow Tubing Press. -0- Casing Pressure Vac Calculated 24-Hour Flow Rate Oil - bbl. 5 Gas - MCF TSTM Water - bbl. 6 Oil Gravity - API (Corr.)

#### 34. Description of Casing (S.D., used for fuel, vented, etc.)

Test Witnessed By  
W. W. Waller

#### 35. List of Attachments

*Gary Blanks*  
Gary Blanks, Vice President 1-10-83

### INSTRUCTIONS

For pumps to be filled with the appropriate fluid, follow all the DOW below and bury them 20 days after the completion of any newly-filled or replaced well. If a well has been completed by some type of oil cement or mud, then usually 45 or more in the well and a minimum of 100 feet of fluid is necessary for filling. Fill them to 100 feet. All other reports must be made immediately, by the 20-day deadline, to the newly-filled wells, from which depth of all new reports must be made. In completion, the new depth of all shall be reported by a minimum. The time is to be filled by the appropriate company or agency where the report was requested, normally 1152.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

## Northern New Mexico

|                          |                        |                                |                         |
|--------------------------|------------------------|--------------------------------|-------------------------|
| 1. Andy _____            | T. Canyon _____        | T. Ojo Alamo _____             | T. Penn. "B" _____      |
| 1. Salt _____            | T. Stream _____        | T. Kittland Fruitland _____    | T. Penn. "C" _____      |
| 1. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____       | T. Penn. "D" _____      |
| 1. Yates _____           | T. Miss _____          | T. Cliff House _____           | T. Leadville _____      |
| 1. 7 Rivers _____        | T. Devonian _____      | T. Monfée _____                | T. Madison _____        |
| 1. Queen _____           | T. Silurian _____      | T. Point Lookout _____         | T. Elbert _____         |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos <sup>743</sup> _____ | T. McCracken _____      |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____                | T. Ignacio Qtzite _____ |
| T. Glorieta _____        | T. McKee _____         | 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. Aho _____             | 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

744' 763' ONE OR TWO SANDS OR LOWES

|                  |         |                  |         |
|------------------|---------|------------------|---------|
| 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<br>in Feet | Formation | From | To | Thickness<br>in Feet | Formation |
|------|-----|----------------------|-----------|------|----|----------------------|-----------|
| 0    | 743 | 743                  | Mancos    |      |    |                      |           |
| 743  | 763 | 20                   | Hospah    |      |    |                      |           |

# ILLEGIBLE

Form C-101  
Revised 10-1-78STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                                                                                         |                       |                                                                                      |                              |
|-----------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------|------------------------------|
| 1. Indicate Type of Well<br>State <input type="checkbox"/> Fed <input type="checkbox"/> |                       | 2. Unit Agreement Name<br>Miguel Creek                                               |                              |
| 3. Name of Lessee<br>S.F.P.R.R.                                                         |                       | 4. Well No.<br>#51                                                                   |                              |
| 5. Field and Front, or Wildcat<br>Miguel Creek Gallup                                   |                       | 6. Location of Well<br>M 330 South 990 West<br>Line of Sec. 21 Twp. 16N Rge. 6W NMPW |                              |
| 7. Date Spudded<br>6-25-81                                                              |                       | 8. Date T.D. Reached<br>6-26-81                                                      |                              |
| 9. Date Compl. (Ready to Prod.)<br>8-15-81                                              |                       | 10. Elevations (L.F., H.A.I., H.T., C.R., etc.)<br>6419'                             |                              |
| 11. Total Depth<br>801'                                                                 |                       | 12. Plug Back T.D.<br>760'                                                           |                              |
| 13. If Multiple Compl., How Many<br>--                                                  |                       | 14. Intervals Drilled by Rotary Tools<br>XX                                          |                              |
| 15. Producing Interval(s), of this completion - Top, Bottom, Name<br>760' - 801'        |                       | 16. Was Directional Survey Made<br>YES                                               |                              |
| 17. Type Electric and Other Logs Run<br>GR/N                                            |                       | 18. Was Well Cored<br>YES                                                            |                              |
| 19. CASING RECORD (Report all strings set in well)                                      |                       |                                                                                      |                              |
| CASING SIZE                                                                             | WEIGHT LB./FT.        | DEPTH SET                                                                            | MOLE SIZE                    |
| 5 1/2"                                                                                  | 14.0                  | 760'                                                                                 | 7 7/8"                       |
| CEMENTING RECORD                                                                        |                       | AMOUNT PULL                                                                          |                              |
| 125sx                                                                                   |                       | --                                                                                   |                              |
| 20. LINER RECORD                                                                        |                       |                                                                                      |                              |
| SIZE                                                                                    | TOP                   | BOTTOM                                                                               | SACKS CEMENT                 |
| TUBING RECORD                                                                           |                       | PACKER SET                                                                           |                              |
| SIZE                                                                                    | DEPTH SET             | --                                                                                   |                              |
| 2 3/8"                                                                                  | 745'                  | --                                                                                   |                              |
| 21. Perforation Record (Interval, size and number)<br>760' - 801' OH                    |                       | 22. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                       |                              |
| DEPTH INTERVAL                                                                          |                       | AMOUNT AND KIND MATERIAL USED                                                        |                              |
| 10-10-81                                                                                |                       | Prod                                                                                 |                              |
| Production Method (Flowing, gas lift, pumping - size and type pump)<br>Pump Full        |                       | Well Status (Prod. or Shut-in)<br>Prod                                               |                              |
| Time of Test<br>11-3-81                                                                 | Hours Tested<br>24    | Choke Size<br>Full                                                                   | Pressure at Test Period<br>6 |
| Flow Tubing Press.<br>--                                                                | Casing Pressure<br>-- | Calculated 24-hour flow<br>6                                                         | Oil - bbl.<br>6              |
| Disposition of Gas (S.G., used for fuel, vented, etc.)                                  |                       | Test Witnessed by<br>Jim Pepper                                                      |                              |
| NAME <i>James J. ...</i> TITLE <i>...</i> DATE <i>11-10-81</i>                          |                       |                                                                                      |                              |

# INSTRUCTIONS

Logs from the hole to be filled with the appropriate material following the completion of the hole and from 20 days after the completion of any newly drilled log. Logs from the hole to be filled with the appropriate material following the completion of the hole and from 20 days after the completion of any newly drilled log. Logs from the hole to be filled with the appropriate material following the completion of the hole and from 20 days after the completion of any newly drilled log.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

|                    |                  |                        |                  |
|--------------------|------------------|------------------------|------------------|
| T. Anhy            | T. Canyon        | T. Ojo Alam            | T. Penn "B"      |
| T. Salt            | T. Strawn        | T. Kittling Fruitland  | T. Penn "C"      |
| D. Salt            | T. Anoka         | T. Pictured Cliffs     | T. Penn "D"      |
| T. Yates           | T. Miss          | T. Cliff House         | T. Leadville     |
| T. 7 Rivers        | T. Devonian      | T. Menline             | T. Madison       |
| T. Queen           | T. Silurian      | T. Point Lookout       | T. Elbert        |
| T. Grayburg        | T. Montoya       | T. Mancos 0-760        | T. McCracken     |
| T. San Andres      | T. Simpson       | T. Gallup 760-790      | T. Ignacio Ortiz |
| T. Glorieta        | T. McKee         | Base Greenhorn 790-801 | T. Granite       |
| T. Paddock         | T. Ellenburger   | T. Dakota              | T.               |
| T. Winebry         | T. Gr. Wash      | T. Morrison            | T.               |
| T. Tubb            | T. Granite       | T. Todillo             | T.               |
| T. Drinkard        | T. Delaware Sand | T. Entrada             | T.               |
| T. Aho             | 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-  | 760 | 760               | Manchos       |      |    |                   |           |
| 760  | 790 | 30'               | Hospah-Gallup |      |    |                   |           |
| 790  | 801 | 11'               | Greenhorn     |      |    |                   |           |

# ILLEGIBLE

Form C-105  
Revised 10-1-78STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                                                                                         |                                                                                             |                                                               |                         |                                                           |                   |                                                             |                         |
|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------|-------------------------|-----------------------------------------------------------|-------------------|-------------------------------------------------------------|-------------------------|
| 1. Name of Operator<br>Capital Oil & Gas Corporation                                    |                                                                                             | 2. Address of Operator<br>P.O. Box 1038, Kilgore, Texas 75662 |                         | 3. Well No.<br>#52                                        |                   | 4. Field and Front, or Wildcat<br>Miguel Creek Gallup       |                         |
| 5. Location of Well<br>West 21 Twp. 16N Sec. 6W                                         |                                                                                             | 6. County<br>McKinley                                         |                         | 7. Unit Agreement Name<br>Miguel Creek                    |                   | 8. Farm or Lease Name<br>S.F.P.R.R.                         |                         |
| 9. Date Spudded<br>7-1-81                                                               |                                                                                             | 10. Date T.D. Reached<br>7-2-81                               |                         | 11. Date Compl. (Ready to Prod.)<br>10-14-81              |                   | 12. Elevations (D.F., H.H.I., R.T., G.R., etc.)<br>6422' GL |                         |
| 13. Total Depth<br>870'                                                                 |                                                                                             | 14. Plug Back T.D.<br>870'                                    |                         | 15. If Multiple Compl., How Many<br>1                     |                   | 16. Intervals Drilled By<br>All                             |                         |
| 17. Producing Interval(s), of this completion - Top, Bottom, Name<br>848'-865' (Hospah) |                                                                                             | 18. Was Directional Survey Made<br>Yes                        |                         | 19. Type Electric and Other Logs Run<br>Gamma Ray Neutron |                   | 20. Was Well Cased<br>Yes                                   |                         |
| 21. CASING RECORD (Report all strings set in well)                                      |                                                                                             |                                                               |                         |                                                           |                   |                                                             |                         |
| CASING SIZE                                                                             | WEIGHT LB./FT.                                                                              | DEPTH SET                                                     | HOLE SIZE               | CEMENTING RECORD                                          | AMOUNT PULLED     |                                                             |                         |
| 5-1/2"                                                                                  | 14                                                                                          | 870'                                                          | 7-7/8"                  | 125 sx                                                    | -                 |                                                             |                         |
| 22. LINER RECORD                                                                        |                                                                                             |                                                               |                         |                                                           |                   |                                                             |                         |
| SIZE                                                                                    | TOP                                                                                         | BOTTOM                                                        | SACKS CEMENT            | SCREEN                                                    | 23. TUBING RECORD |                                                             |                         |
|                                                                                         |                                                                                             |                                                               |                         |                                                           | SIZE              | DEPTH SET                                                   | PACKER SET              |
|                                                                                         |                                                                                             |                                                               |                         |                                                           | 2-3/8"            | 805'                                                        | -                       |
| 24. Perforation Record (Interval, size and number)<br>849'-854' (4 JSPF)                |                                                                                             |                                                               |                         | 25. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br>None    |                   |                                                             |                         |
| 26. PRODUCTION                                                                          |                                                                                             |                                                               |                         |                                                           |                   |                                                             |                         |
| First Production<br>10-18-81                                                            | Production Method (Flowing, gas lift, pumping - size and type pump)<br>Pump - 1 1/2" Insert |                                                               |                         | Well Status (Prod. or Shut-in)<br>Prod.                   |                   | DIST. 3                                                     |                         |
| Date of Test<br>10-20-81                                                                | Hours Tested<br>24                                                                          | Choke Size<br>Full                                            | Prod'n. for Test Period | Oil - bbl.<br>1                                           | Gas - MCF<br>TSTM | Water - bbl.<br>5                                           | Gas - Oil Ratio<br>TSTM |
| Test Tubing Press.<br>-0-                                                               | Casing Pressure<br>Vac                                                                      | Calculated 24-Hour Flow                                       | Oil - bbl.<br>1         | Gas - MCF<br>TSTM                                         | Water - bbl.<br>5 | Oil Gravity - API (Corr.)<br>320                            |                         |
| 27. Disposition of Casing (S.D., used for fuel, vented, etc.)                           |                                                                                             |                                                               |                         |                                                           |                   | Test Witnessed By<br>W. W. Waller                           |                         |

Gary Blanks, Vice President

10-29-81

•

### Northwestern New Mexico

|                          |                        |                             |                         |
|--------------------------|------------------------|-----------------------------|-------------------------|
| T. Ashy _____            | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____      |
| T. Salt _____            | T. Stream _____        | T. Kentland Fruitland _____ | T. Penn. "C" _____      |
| D. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____      |
| T. Yates _____           | T. Miss _____          | T. Cliff House _____        | T. Leadville _____      |
| T. 7 Rivers _____        | T. Devonian _____      | T. Monoclee _____           | T. Madison _____        |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____         |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos _____             | T. McCracken _____      |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____             | T. Ignacio Quartz _____ |
| T. Glorieta _____        | 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. Todillo _____            | T. _____                |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Entrada _____            | T. _____                |
| T. Alvo _____            | 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 848 to 865 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<br>in Feet | Formation | From | To | Thickness<br>in Feet | Formation |
|------|-----|----------------------|-----------|------|----|----------------------|-----------|
|      | 848 | 848                  | Mancos    |      |    |                      |           |
| 848  | 865 | 17                   | Hospah    |      |    |                      |           |

# ILLEGIBLE

Form C-108  
Revised 10-1-78STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                             |  |
|-----------------------------|--|
| NO. OF DEEPENING OPERATIONS |  |
| INTERMEDIATE                |  |
| SAFETY                      |  |
| FILE                        |  |
| WELL                        |  |
| DATE                        |  |
| OPERATOR                    |  |

56. Indicate Type of Lease  
State ☐ Fee ☒  
5. Lease or Conveyance No.  
0-9725

## A. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

## B. TYPE OF COMPLETION

NEW ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REVEN. ☐ OTHER ☐

## C. Name of Operator

Capital Oil &amp; Gas Corporation

## D. Address of Operator

P.O. Box 1038, Kilgore, Texas 75662

## E. Location of Well

NEUT LETTER K LOCATED 1650 FEET FROM THE South LINE AND 1650 FEET FROM

West LINE OF SEC. 21 TWP. 16N REC. 6W

15. Date Spudded 6-30-81 16. Date T.D. Reached 7-1-81 17. Date Compl. (Ready to Prod.) 10-10-81 18. Elevations (L.F., H.A.I., H.T., C.R., etc.) 6398' GL 19. Elev. Casinghead 6397'

20. Total Depth 839' 21. Plug Back T.D. 838' 22. If Multiple Compl., How Many 1 23. Intervals Drilled By Rotary Tools All Cable Tools

## 24. Producing Interval(s), of this completion - Top, Bottom, Name

793'-805' Hospah

## 25. Was Directional Survey Made

Yes

## 26. Type Electric and Other Logs Run

Gamma Ray Neutron

## 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 |
|--------------|----------------|-----------|-----------|------------------|---------------|
| 7-7/8" 5 1/2 | 9.5            | 838'      | 7-7/8"    | 125 sx           |               |
|              |                |           |           |                  |               |
|              |                |           |           |                  |               |

## 29. LINER RECORD

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

## 30. TUBING RECORD

| SIZE  | DEPTH SET | PACKER SET |
|-------|-----------|------------|
| 2-3/8 | 770'      |            |
|       |           |            |

## 31. Perforation Record (Interval, size and number)

793.5-803.5' (4 JSPF)

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| None           |                               |
|                |                               |
|                |                               |

## 33. Date First Production

10-12-81

## 34. Production Method (Flowing, lift, pumping - size and type pump)

Pump - 1 1/2" Insert

## 35. Well Status (Prod. or Shut-in)

Prod.

| Date of Test    | Hours Tested    | Choke Size                   | Prod'n. for Test Period | Oil - bbl. | Gas - MCF    | Water - bbl.              | Gas - Oil Ratio |
|-----------------|-----------------|------------------------------|-------------------------|------------|--------------|---------------------------|-----------------|
| 10-15-81        | 24              | Full                         |                         | 1          | TSTM         | 5                         | TSTM            |
| 36. Tubing Head | Casing Pressure | Calculated 24-Hour Flow Rate | Oil - bbl.              | Gas - MCF  | Water - bbl. | Oil Gravity - API (Corr.) |                 |
| -0-             | Vac             |                              | 1                       | TSTM       | 5            | 32°                       |                 |

## 37. Disposition of Gas (Btu, used for fuel, vented, etc.)

## 38. Test Witnessed By

W. W. Waller

## 39. List of Attachments

Gary Blanks, Vice President

10-29-81

### INSTRUCTIONS

This form is to be filled with the appropriate information and the information not later than 20 days after the completion of any newly-filled or renewed well. It shall be accompanied by one copy of all completed well test data to be submitted to the well and a copy of all completed test results to be submitted to the State. All data reported shall be in metric units. In the case of data that is filled with, then within 10 days it shall be reported in the appropriate units. The information shall be reported in a separate form as follows: (1) The form is to be filled in quadruplicate and copies of the form, when completed, shall be submitted to the State.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE.

### Southeastern New Mexico

### Northwestern New Mexico

|                          |                        |                             |                         |
|--------------------------|------------------------|-----------------------------|-------------------------|
| 1. Ashy _____            | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____      |
| 2. Salt _____            | T. Stream _____        | T. Kittland Fruitland _____ | T. Penn. "C" _____      |
| 3. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____      |
| T. Yates _____           | T. Miss _____          | T. Cliff House _____        | T. Leadville _____      |
| 2. 7 Rivers _____        | T. Devonian _____      | T. Menefee _____            | T. Madison _____        |
| 2. Queen _____           | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____         |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos _____             | T. McCracken _____      |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____             | T. Ignacio Quartz _____ |
| T. Glorietta _____       | 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 _____             | 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

793' 805' 01E OR GAS SANDS OR ZONES

|             |      |    |      |             |  |    |  |
|-------------|------|----|------|-------------|--|----|--|
| No. 1, from | 793' | to | 805' | 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)

[illegible]

# ILLEGIBLE

Form O-105  
Revised 10-1-78

STATE OF NEW MEXICO  
ENERGY AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

|                  |  |
|------------------|--|
| NAME OF OPERATOR |  |
| ADDRESS          |  |
| CITY             |  |
| STATE            |  |
| ZIP              |  |
| DATE             |  |
| WELL NO.         |  |
| WELL TYPE        |  |
| WELL DEPTH       |  |
| WELL STATUS      |  |

## WELL COMPLETION OR RE-COMPLETION REPORT AND LOG

|                                |                     |
|--------------------------------|---------------------|
| 3. Indicate Type of Well       |                     |
| State                          | [ ]                 |
| 4. Well No. & Completion No.   | 0-9725              |
| 5. Well Agreement Name         | Miguel Creek        |
| 6. Term or Lease Name          | S.F.P.R.R.          |
| 7. Well No.                    | #54                 |
| 8. Field and Front, or Wildcat | Miguel Creek Gallup |
| 9. County                      | McKinley            |

1. TYPE OF WELL  
Oil Well ☒ Gas Well ☐ Dry ☐ Other ☐

2. TYPE OF COMPLETION  
New ☒ Re-Completion ☐ Deepen ☐ Plug Back ☐ Diff. Serv. ☐ Other ☐

3. Name of Operator  
Capital Oil & Gas Corporation

4. Address of Operator  
P.O. Box 1038, Kilgore, Texas 75662

5. Location of Well  
K Located 2310 FEET FROM THE South LINE AND 2310 FEET FROM

6. West LINE OF SEC. 21 TWP. 16N REC. 6W

|                             |                       |                                             |                                                         |                              |
|-----------------------------|-----------------------|---------------------------------------------|---------------------------------------------------------|------------------------------|
| 13. Date Spudded<br>7-27-81 | 14. Date T.D. Reached | 15. Date Compl. (Ready to Prod.)<br>9-15-81 | 16. Elevations (D.F., K.H.I., K.T., C.K., etc.)<br>6408 | 17. Elev. Casinghead<br>6408 |
|-----------------------------|-----------------------|---------------------------------------------|---------------------------------------------------------|------------------------------|

|                         |                            |                                        |                                |                                  |
|-------------------------|----------------------------|----------------------------------------|--------------------------------|----------------------------------|
| 18. Total Depth<br>955' | 19. Plug Back T.D.<br>955' | 20. If Multiple Compl., How Many<br>-- | 21. Intervals Drilled By<br>XX | 22. History Tools<br>Cable Tools |
|-------------------------|----------------------------|----------------------------------------|--------------------------------|----------------------------------|

23. Producing Interval(s), of this completion - Top, Bottom, Name  
920' - 930'

24. Type Electric and Other Logs Run  
Comp Den & N GR/N

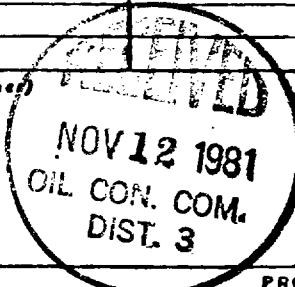
| CASING RECORD (Report all strings set in well) |                |           |           |                  |             |
|------------------------------------------------|----------------|-----------|-----------|------------------|-------------|
| CASING SIZE                                    | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULL |
| 5 1/2"                                         | 14.0           | 955'      | 7 7/8"    | 155 sx           | --          |
|                                                |                |           |           |                  |             |
|                                                |                |           |           |                  |             |
|                                                |                |           |           |                  |             |

| LINER RECORD |     |        |              | TUBING RECORD |        |           |
|--------------|-----|--------|--------------|---------------|--------|-----------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN        | SIZE   | DEPTH SET |
|              |     |        |              |               | 2 3/8" | 910       |
|              |     |        |              |               |        |           |
|              |     |        |              |               |        |           |

| 25. Perforation Record (Interval, size and number) |  | 26. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                               |
|----------------------------------------------------|--|------------------------------------------------|-------------------------------|
| 920' - 924'                                        |  | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED |
| 926' - 930'                                        |  |                                                |                               |
|                                                    |  |                                                |                               |
|                                                    |  |                                                |                               |
|                                                    |  |                                                |                               |

| 27. First Production                                       |                     | 28. Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |                |                  | 29. Well Status (Prod. or Shut-in) |                     |
|------------------------------------------------------------|---------------------|-------------------------------------------------------------------------|-------------------------|----------------|------------------|------------------------------------|---------------------|
| 10-20-81                                                   |                     | Pump                                                                    | 1 1/2" x 8'             |                |                  | Prod                               |                     |
| 30. Date of Test                                           | 31. Hours Tested    | 32. Choke Size                                                          | 33. Flow Rate (bbl./hr) | 34. Oil - bbl. | 35. Gas - MCF    | 36. Water - bbl.                   | 37. Gas - Oil Ratio |
| 11-8-81                                                    | 24                  | Full                                                                    |                         | 12             | --               | 4                                  | --                  |
| 38. Tubing Press.                                          | 39. Casing Pressure | 40. Calculated 24-Hour Flow                                             | 41. Oil - bbl.          | 42. Gas - MCF  | 43. Water - bbl. | 44. Oil Gravity - API (Corr)       |                     |
| --                                                         | --                  |                                                                         | 12                      | --             | 4                | 31                                 |                     |
| 45. Disposition of Log (Sold, used for test, sealed, etc.) |                     |                                                                         |                         |                |                  | 46. Test Witnessed By              |                     |
|                                                            |                     |                                                                         |                         |                |                  | Jim Pepper                         |                     |

47. List of Attachments  
NAME: *John Brown* TITLE: *WCP* DATE: *11-8-81*



## INSTRUCTIONS

[illegible]

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

## Northern New Mexico

|                          |                        |                              |                        |
|--------------------------|------------------------|------------------------------|------------------------|
| T. Anby _____            | T. Canyon _____        | T. Ojo Alamo _____           | T. Penn. "H" _____     |
| T. Salt _____            | T. Stream _____        | T. Kittland Fruitland _____  | T. Penn. "C" _____     |
| D. Salt _____            | T. Aluka _____         | 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 0-910 _____        | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____       | T. Gallup 910-940 _____      | T. Ignacio Qizte _____ |
| T. Glorieta _____        | T. McKee _____         | Hose Greenhorn 940-955 _____ | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____              | T. _____               |
| T. Winebry _____         | T. Gr. Wash _____      | T. Morrison _____            | T. _____               |
| T. Tubb _____            | T. Granite _____       | T. Todilto _____             | T. _____               |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Entrada _____             | T. _____               |
| T. Alvo _____            | T. Bone Springs _____  | T. Wingate _____             | T. _____               |
| T. Wolfcamp _____        | T. _____               | T. Chinle _____              | T. _____               |
| T. Penn. _____           | T. _____               | T. Permian _____             | T. _____               |
| T. Cisco (Daugh C) _____ | T. _____               | T. Penn. "A" _____           | T. _____               |

**OIL OR GAS SANDS OR ZONES**

No. 1, from 910 to 955 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<br>in Feet | Formation     | From | To | Thickness<br>in Feet | Formation |
|------|-----|----------------------|---------------|------|----|----------------------|-----------|
| -0-  | 910 | 910                  | Manchos       |      |    |                      |           |
| 910  | 940 | 30'                  | Hospah-Gallup |      |    |                      |           |
| 940  | 955 | 15'                  | Greenhorn     |      |    |                      |           |

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| OPERATOR               |  |

|                                                                            |
|----------------------------------------------------------------------------|
| 3A. Indicate Type of Lease                                                 |
| STATE <input type="checkbox"/> FEDERAL <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No.                                               |
| 09725                                                                      |
| 6. Unit Agreement Name                                                     |
| Miguel Creek                                                               |
| 8. Form or Lease Name                                                      |
| SFPRR                                                                      |
| 9. Well No.                                                                |
| #55                                                                        |
| 10. Field and Pool, or Wildcat                                             |
| Miguel Creek - Gallup                                                      |
| 12. County                                                                 |
| McKinley                                                                   |

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|                     |                                                                                                          |                                   |                                    |
|---------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------|
| Type of Work        | DRILL <input checked="" type="checkbox"/>                                                                | DEEPEN <input type="checkbox"/>   | PLUG BACK <input type="checkbox"/> |
| Type of Well        | CIL WELL <input checked="" type="checkbox"/>                                                             | GAS WELL <input type="checkbox"/> | OTHER <input type="checkbox"/>     |
| Time of Operator    | Capital Oil & Gas Corporation                                                                            |                                   |                                    |
| Address of Operator | P. O. Box 1038, Kilgore, Texas 75662                                                                     |                                   |                                    |
| Location of Well    | UNIT LETTER <u>K</u> LOCATED <u>1650'</u> FEET FROM THE <u>South</u> LINE                                |                                   |                                    |
|                     | C. <u>2310'</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>21</u> TWP. <u>16N</u> RGE. <u>6W</u> S. 10MPM |                                   |                                    |

|                                                |                               |                                  |
|------------------------------------------------|-------------------------------|----------------------------------|
| 13. Proposed Depth                             | 13A. Formation                | 13B. History or C.T.             |
| 850'                                           | Hospah                        | RT                               |
| 14. Elevations (Show whether D.F., K.I., etc.) | 21A. Kind & Status Plug. Bond | 21B. Drilling Contractor         |
| 6394'                                          | 50,000 Blanket                | Salazar                          |
|                                                |                               | 22. Approx. Date Work will start |
|                                                |                               | 6-27-81                          |

## PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 7 7/8"       | 4 1/2"         | 9.5#            | 850'          | 150sx           | Surf.    |
|              |                |                 |               |                 |          |
|              |                |                 |               |                 |          |

APPROVAL VALID  
FOR ~~90~~ <sup>60</sup> DAYS UNLESS  
DRILLING COMMENCED,EXPIRES 12-26-81

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

By Gary Blum Title Representative Date 6/22/81

(This space for State Use)

APPROVED BY Gary Blum TITLE Supervisor SUPERVISOR DISTRICT # 3 DATE JUN 26 1981  
CONDITIONS OF APPROVAL, IF ANY:

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-85

|                                |                                         |
|--------------------------------|-----------------------------------------|
| 5a. Indicate Type of Lease     |                                         |
| State <input type="checkbox"/> | Fee <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No.   |                                         |
| 09725                          |                                         |
| 7. Unit Agreement Name         |                                         |
| Miguel Creek                   |                                         |
| 8. Farm or Lease Name          |                                         |
| SFPRR                          |                                         |
| 9. Well No.                    |                                         |
| #55                            |                                         |
| 10. Field and Pool, or Wildcat |                                         |
| Miguel Creek Gallup            |                                         |
| 12. County                     |                                         |
| McKinley                       |                                         |

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

|                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                                       |
| 2. Name of Operator<br>Capital Oil & Gas Corporation                                                                                                                                                   |
| 3. Address of Operator<br>P. O. Box 1038, Kilgore, TX 75662                                                                                                                                            |
| 4. Location of Well<br>UNIT LETTER <u>K</u> <u>1650</u> FEET FROM THE <u>South</u> LINE AND <u>2310</u> FEET FROM<br>THE <u>West</u> LINE, SECTION <u>21</u> TOWNSHIP <u>16N</u> RANGE <u>6W</u> NMPM. |
| 15. Elevation (Show whether DF, RT, GR, etc.)<br>6394' GL                                                                                                                                              |

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

|                         |  |                       |  |
|-------------------------|--|-----------------------|--|
| NOTICE OF INTENTION TO: |  | SUBSEQUENT REPORT OF: |  |
|-------------------------|--|-----------------------|--|

|                                                |                                           |                                                             |                                               |
|------------------------------------------------|-------------------------------------------|-------------------------------------------------------------|-----------------------------------------------|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>                      | ALTERING CASING <input type="checkbox"/>      |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/> | PLUG AND ABANDONMENT <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/>  | OTHER <input type="checkbox"/>            | CASING TEST AND CEMENT JOB <input type="checkbox"/>         |                                               |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 7/1/81 - Spud 7 7/8" hole
- 7/3/81 - RIH w/ 798' of 4 1/2" csg, cement w/ 125 sx class "H"
- WO Compl.



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

SIGNED Gregory J. Blanks TITLE Rep DATE 11-5-81

APPROVED BY Frank J. Day TITLE 1103-55 DATE NOV 12 1981

# ILLEGIBLE

Form C-101  
Revised 10-1-78STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |  |
|------------------------|--|
| NO. OF COPIES REQUIRED |  |
| COPIES REQUIRED        |  |
| DATE                   |  |
| FILE                   |  |
| DATE                   |  |
| DATE                   |  |
| DATE                   |  |
| DATE                   |  |

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. Zone or Field Name  
0-9725

1. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ BOY ☐ OTHER ☐  
2. TYPE OF COMPLETION  
NEW ☒ REPAIR ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. DEPTH ☐ OTHER ☐

7. Unit Agreement Name  
Miguel Creek

3. Name of Operator  
Capital Oil & Gas Corporation

8. Term of Lease (Time)

4. Address of Operator  
P.O. Box 1038, Kilgore, Texas 75662

9. Well No.

#56

6. Location of Well

10. Field and Front, or Wildcat  
Miguel Creek Gallup

7. Section, Twp., Range, and Meridian  
Section 21 Twp. 16N R. 6W

11. County  
McKinley

8. Date Spudded  
9-29-81

16. Date T.D. Reached  
10-5-81

17. Date Compl. (Ready to Prod.)  
10-22-81

18. Elevations (L.F., K.H.I., K.T., C.K., etc.)  
6437' GL

19. Elev. Casinghead  
6436'

20. Total Depth  
840'

21. Plug Back T.D.  
839'

22. If Multiple Compl., How Many  
1

23. Intervals Drilled By  
Rotary Tools  
Cable Tools  
All

24. Producing Interval(s), of this completion - Top, bottom, Name  
804-810' Hospah Gallup

25. Was Directional Survey Made  
Yes

26. Type Electric and Other Logs Run  
Gamma Ray Neutron

27. Was Well Cored  
Yes

| CASING RECORD (Report all strings set in well) |                |           |           |                  |               |
|------------------------------------------------|----------------|-----------|-----------|------------------|---------------|
| CASING SIZE                                    | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 5-1/2                                          | 14             | 839'      | 7-7/8"    | 200 SX           |               |
|                                                |                |           |           |                  |               |
|                                                |                |           |           |                  |               |
|                                                |                |           |           |                  |               |
|                                                |                |           |           |                  |               |

| LINER RECORD |     |        |              | TUBING RECORD |       |           |            |
|--------------|-----|--------|--------------|---------------|-------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN        | SIZE  | DEPTH SET | PACKER SET |
|              |     |        |              |               | 2-3/8 | 805'      | --         |
|              |     |        |              |               |       |           |            |
|              |     |        |              |               |       |           |            |
|              |     |        |              |               |       |           |            |

| 1. Perforation Record (Interval, size and number) |      | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                               |
|---------------------------------------------------|------|------------------------------------------------|-------------------------------|
| INTERVAL                                          | SIZE | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED |
| 804'-810' (4 JSPP)                                |      | 804-810                                        | 1000 gal. 15% HCL             |
|                                                   |      |                                                |                               |
|                                                   |      |                                                |                               |
|                                                   |      |                                                |                               |

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28. First Production  
10-22-81

29. Production Method (Flowing, gas lift, pumping - size and type pump)  
Pumpjack Insert

30. Well Status (Prod. or Shut-in)  
Prod.

31. Date of Test  
10-24-81

32. Hours Tested  
24

33. Choke Size  
Full

34. Pressure at Test Period  
Oil - 1000  
Gas - 1000  
Water - 1000  
Oil - 1000  
Gas - 1000  
Water - 1000

35. Test Results  
Oil - 1000  
Gas - 1000  
Water - 1000  
Oil - 1000  
Gas - 1000  
Water - 1000

36. Disposition of Gas (S.D., used for fuel, vented, etc.)  
Test Witnessed By  
W. W. Waller

I, Gary Blanks, Vice President, certify that the information furnished herein is true and complete to the best of my knowledge and belief.

Gary Blanks, Vice President 10-29-81

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-filled or reopened well. It shall be completed by one copy of all electrical well logs run in the well and a summary of all types of tests run in the well, including all pressure tests. All depths reported shall be measured depths, in the case of directionally drilled wells, true vertical depth shall be the reported depth for completion purposes. The depth of shall be reported for each zone. This form is to be filed in quadruplicate and copy 4 is to be filed with the appropriate case request, New York H-29.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

|                          |                        |                             |                         |
|--------------------------|------------------------|-----------------------------|-------------------------|
| T. Ashby _____           | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____      |
| T. Salt _____            | T. Stream _____        | T. Kirtland Fruitland _____ | T. Penn. "C" _____      |
| D. 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 0 - 804' _____    | T. McCracken _____      |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____             | T. Ignacio Quizle _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____        | T. Granite _____        |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____                |
| T. Blinobry _____        | T. Gr. Wash _____      | T. Morrison _____           | T. _____                |
| T. Tubb _____            | T. Granite _____       | T. Todilto _____            | T. _____                |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Entrada _____            | T. _____                |
| T. Aho _____             | 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 804' to 810' 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<br>in Feet | Formation     | From | To | Thickness<br>in Feet | Formation |
|------|-----|----------------------|---------------|------|----|----------------------|-----------|
| 0    | 804 | 804                  | Mancos Shale  |      |    |                      |           |
| 804  | 820 | 16                   | Hospah-Gallup |      |    |                      |           |

|                        |  |  |
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| OPERATOR               |  |  |

# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-85

|                                       |                                         |
|---------------------------------------|-----------------------------------------|
| 5a. Indicate Type of Lease            |                                         |
| State <input type="checkbox"/>        | Fee <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No.<br>09725 |                                         |

## SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

|                                                                                                                                                                                                        |  |                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------|
| 1. OIL <input checked="" type="checkbox"/> WELL GAS <input type="checkbox"/> WELL OTHER <input type="checkbox"/>                                                                                       |  | 7. Unit Agreement Name<br>Miguel Creek                |
| 2. Name of Operator<br>Capital Oil & Gas Corporation                                                                                                                                                   |  | 8. Farm or Lease Name<br>SFPRR                        |
| 3. Address of Operator<br>P. O. Box 1038, Kilgore, TX 75662                                                                                                                                            |  | 9. Well No.<br>#57                                    |
| 4. Location of Well<br>UNIT LETTER <u>K</u> <u>1980</u> FEET FROM THE <u>West</u> LINE AND <u>1980</u> FEET FROM<br>THE <u>South</u> LINE, SECTION <u>21</u> TOWNSHIP <u>16N</u> RANGE <u>6W</u> NMPM. |  | 10. Field and Pool, or Wildcat<br>Miguel Creek Gallup |
| 15. Elevation (Show whether DF, RT, GR, etc.)<br>6401' GL                                                                                                                                              |  | 12. County<br>McKinley                                |

## Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

|                                                |                                           |                                                             |                                               |
|------------------------------------------------|-------------------------------------------|-------------------------------------------------------------|-----------------------------------------------|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>                      | ALTERING CASING <input type="checkbox"/>      |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/> | PLUG AND ABANDONMENT <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/>  | OTHER <input type="checkbox"/>            | CASING TEST AND CEMENT JOBS <input type="checkbox"/>        | OTHER <input type="checkbox"/>                |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 10/1/81 - Spud 7 7/8" hole
- 10/2/81 - Core & Log
- 10/3/81 - RIH w/ 880' of 5 1/2" csg.
- 10/3/81 - Cement w/ 200 sx class "H"



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

SIGNED Darryl Z. Blank TITLE Rep. DATE 11-5-81  
APPROVED BY Frank T. O'G TITLE Secretary DATE NOV 12 1981



*Capital Oil and Gas Corporation*

214-983-2081

P.O. Box 2130  
Kilgore, Texas 75662

SFPRR # 57  
Miguel Creek  
McKinley County, NM

Re: Deepening Water Well

- 4/22/82 884', PU tbg & prepairing to deepen. MW wtr. 2-1/2 hours change out kelly. 3 hours MIR RU. 1-1/2 hours work on pit w/backhole. 1-1/2 hours haul wtr.
- 4/23/82 975', 91'. Formation sand & shale. MW wtr. Bit # 1 in @ 884' out @ 975', total hours 8, total ft 91. Pump pressure 200 psi, wt on bit 1,000, Liner size 5", pump stroke 10, jet size regular. 2-1/2 hours PU 2-3/8" tbg & bit. 1 hour WO wtr. 8 hours drlg shoe at 89'. Top of Gallup 920'. 2 hours T00H LD tbg & bit. Left 2 jts in hole w/valve on top. 1-1/2 hours RD. Rig release @ 11:00 P.M 4/22/82.

OIL CONSERVATION DIVISION

P. O. BOX 2130

SANTA FE, NEW MEXICO 87501

Form O-105  
Revised 10-1-78

|                        |  |
|------------------------|--|
| NO. OF COPIES REQUIRED |  |
| DISTRIBUTION           |  |
| SALES                  |  |
| FILE                   |  |
| NEWS                   |  |
| COM. OFFICE            |  |
| OPERATOR               |  |

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

TYPE OF WELL

TYPE OF COMPLETION

NEW WELL ☒ REAR OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REVD. ☐

Name of Operator

Capital Oil & Gas Corporation

Address of Operator

P.O. Box 2130, Kilgore, Texas 75662

Location of Well

NEUTER N LOCATED 1650 FEET FROM THE West LINE AND 990 FEET FROM

South 21 TWP. 16N SEC. 6W RMPM

Date Spudded

4-11-82

16. Date T.D. Reached

4-13-82

17. Date Compl. (Ready to Prod.)

5-3-82

18. Elevations (LF, KAL, RT, CK, etc.)

6380' GR

19. Elev. Casinghead

6381'

Total Depth

805'

21. Plug Back T.D.

804'

22. If Multiple Compl., How Many

1

23. Intervals Drilled By Rotary Tools

X

Cable Tools

Producing Interval(s), of this completion - Top, Bottom, Name

Gallup-Hospah

Type Electric and Other Logs Run

GR/N

25. Was Directional Survey Made

Yes

27. Was Well Cored

Yes

CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 8-5/8"      | 24#            | 90'       | 12 1/2"   | 75 sx            | ---           |
| 4-1/2"      | 11#            | 804'      | 7-7/8"    | 85 sx            | ---           |

LINER RECORD

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

TUBING RECORD

| SIZE   | DEPTH SET | PACKER SET |
|--------|-----------|------------|
| 2-3/8" | 501'      | 501'       |

Perforation Record (Interval, size and number)

780'-783' (4 JSPP)

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
|                |                               |
|                |                               |
|                |                               |
|                |                               |

PRODUCTION

|                                                          |                 |                                                                     |                         |            |              |                                |                 |
|----------------------------------------------------------|-----------------|---------------------------------------------------------------------|-------------------------|------------|--------------|--------------------------------|-----------------|
| First Production Shut in                                 |                 | Production Method (Flowing, gas lift, pumping - size and type pump) |                         |            |              | Well Status (Prod. or Shut-in) |                 |
| Date of Test                                             | Hours Tested    | Choke Size                                                          | Pressure at Test Period | Oil - bbl. | Gas - MCF    | Water - bbl.                   | Gas - Oil Ratio |
| Tubing Press.                                            | Casing Pressure | Calculated 24-Hour Rate                                             | Oil - bbl.              | Gas - MCF  | Water - bbl. | Oil Gravity - API (Corr.)      |                 |
| Disposition of Loss (Spill, used for fuel, vented, etc.) |                 |                                                                     |                         |            |              | Test Witnessed by              |                 |

List of Attachments

I, Dary Blanko, declare that the information given on both sides of this form is true and complete to the best of my knowledge and belief.

Title Vice Pres.-Operations Date 7/6/82

### INSTRUCTIONS

7. The well is to be filled with the appropriate fluid to follow up the completion not later than 20 days after the completion of any newly-drilled or recompleted well. If it is not possible to immediately fill the well, then the well must be plugged and cemented. The well must be plugged and cemented completely by filling the well with a fluid that is reported to be contained by the plug and effectively filled with, from well to day the shallower the reported completion depth, the deeper the plug shall be reported for each zone. The hole is to be filled to geologic strata or appropriate depth, where the operator requests, from Rule 1155.

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. Stream _____        | T. Kintland Fruitland _____ | T. Penn. "C" _____      |
| D. 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 0-780 _____       | T. McCracken _____      |
| T. San Andres _____      | T. Simpson _____       | T. Gallup 780-804 _____     | T. Ignacio Quartz _____ |
| T. Glorietta _____       | T. McKee _____         | Base Greenhorn _____        | T. Granite _____        |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____                |
| T. Blaineby _____        | T. Gr. Wash _____      | T. Morrison _____           | T. _____                |
| T. Tubb _____            | T. Grmite _____        | T. Todilto _____            | T. _____                |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Entrada _____            | T. _____                |
| T. Aho _____             | 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 783 to 794 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<br>in Feet | Formation     |
|------|-----|----------------------|---------------|
| 0    | 780 | 780                  | Mancos        |
| 780  | 794 | 14                   | Hospah Gallup |
| 794  | 804 | 10                   | Greenhorn     |

OIL CONSERVATION DIVISION

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

30-031-20740

Form C-101  
Revised 10-1-78

|                        |  |
|------------------------|--|
| NO. OF COPIES REQUIRED |  |
| DISTRIBUTION           |  |
| SANTA FE               |  |
| FILE                   |  |
| U.S.G.S.               |  |
| LAND OFFICE            |  |
| OPERATION              |  |

1A. Indicate Type of Lease  
State ☐ Fee ☒

5. State Oil & Gas Lease No.  
09725

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
b. Type of Well  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐  
C/O WELL ☒ C/O WELL ☐ OTHER ☐ SINGLE TUBE ☒ MULTIPLE TUBE ☐

7. Lease Agreement Name  
Miguel Creek

2. Name of Operator  
Capital Oil & Gas Corporation

8. Name of Lease Name  
S.F.P.R.R.

3. Address of Operator  
P. O. Box 1038, Kilgore, Texas 75662

9. Well No.  
#60

4. Location of Well  
UNIT LETTER E LOCATED 1650' FEET FROM THE North LINE

10. Field and Pool, or Wildcat

AND 990' FEET FROM THE West LINE OF SEC. 28 TWP. 16N RSE. 6W S4PM

11. County  
McKinley

12. Proposed Depth  
1000'

13A. Formation  
Hospah

13B. Kind & Status Plug. bond  
50,000 Blanket

13C. Kind or C.T.  
RT

14. Elevations (Show whether L.H. or H.T., etc.)  
6448'

21B. Drilling Contractor  
Alamo Drilling

22. Approx. Date Work will start  
10-6-81

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 7-7/8        | 5-1/2          | 14.00 lb.       | 950'          | 180             | Surface  |

1. Drill and core through the Hospah Sand.

2. Set 5-1/2", 14# Csg., 20' below Hospah Sand.



APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED  
EXPIRES 4-13-82

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

Hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Gary Blanks Title Representative Date 9-29-81

(Name space for State Use)

APPROVED BY Frank J. Perry TITLE SUPERVISOR DISTRICT # 2 DATE OCT 13 1981

CONDITIONS OF APPROVAL, IF ANY:

|                        |  |  |
|------------------------|--|--|
| NO. OF COPIES RECEIVED |  |  |
| DISTRIBUTION           |  |  |
| SANTA FE               |  |  |
| FILE                   |  |  |
| U.S.G.S.               |  |  |
| LAND OFFICE            |  |  |
| OPERATOR               |  |  |

# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-85

|                                |                                         |
|--------------------------------|-----------------------------------------|
| 5a. Indicate Type of Lease     |                                         |
| State <input type="checkbox"/> | Fee <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No.   |                                         |
| 09725                          |                                         |

|                                                                                                                                                                                                                                |                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><small>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)</small> |                                                       |
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                                                               | 7. Unit Agreement Name<br>Miguel Creek                |
| 2. Name of Operator<br>Capital Oil & Gas Corporation                                                                                                                                                                           | 8. Farm or Lease Name<br>SFPRR                        |
| 3. Address of Operator<br>P. O. Box 1038, Kilgore, TX 75662                                                                                                                                                                    | 9. Well No.<br>#60                                    |
| 4. Location of Well<br>UNIT LETTER <u>E</u> <u>1650</u> FEET FROM THE <u>North</u> LINE AND <u>990</u> FEET FROM<br>THE <u>West</u> LINE, SECTION <u>28</u> TOWNSHIP <u>16N.</u> RANGE <u>6W</u> NMPM.                         | 10. Field and Pool, or Wildcat<br>Miguel Creek Gallup |
| 15. Elevation (Show whether DF, RT, GR, etc.)<br>6448' GL                                                                                                                                                                      | 12. County<br>McKinley                                |

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐  
TEMPORARILY ABANDON ☐  
PULL OR ALTER CASING ☐  
OTHER ☐

PLUG AND ABANDON ☐  
CHANGE PLANS ☐  
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐  
COMMENCE DRILLING OPNS. ☒  
CASING TEST AND CEMENT JOBS ☐  
OTHER ☐

ALTERING CASING ☐  
PLUG AND ABANDONMENT ☐  
OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 10/6/81 - Spud 7 7/8" hole
- 10/7/81 - Core & Log
- 10/8/81 - RIH w/ 812' of 5 1/2" csg.
- 10/8/81 - Cement w/ 200 sx class "H" cement
- 10/9/81 - WO Compl.



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

SIGNED Darryl Blank TITLE Rep DATE 11-5-81  
APPROVED BY Emil J. Dwyer TITLE SUPERVISOR DISTRICT #3 DATE NOV 12 1981

ILLEGIBLE

Form C-109  
Revised 10-1-78

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|              |  |
|--------------|--|
| NAME OF WELL |  |
| DISTRICT     |  |
| COUNTY       |  |
| FILE         |  |
| DATE         |  |
| WELL NO.     |  |
| WELL TYPE    |  |
| OPERATOR     |  |

50. Indicate Type of Lease  
State ☐ Fee ☒ XX  
5. Title of Lease  
09725  
7. Unit Agreement Name  
Miguel Creek  
8. Farm or Lease Name  
S.F.P.R.R.  
9. Well No.  
#79  
10. Field and Farm, or Wildcat  
Miguel Creek Gallup  
Extension

1. TYPE OF WELL  
OIL ☐ GAS ☐ HOT ☐ OTHER Injection Well

2. TYPE OF COMPLETION  
NEW ☒ REPAIR ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. DESIGN ☐ OTHER

3. Name of Operator  
Capital Oil & Gas Corporation

4. Address of Operator  
P. O. Box 2130, Kilgore, Texas 75662

6. Location of Well  
Section L Located 1330 FEET FROM THE South LINE AND 10 FEET FROM

West LINE OF SEC. 21 TWP. 16N RGE. 6W NEQU

15. Date Spudded 5-4-82 16. Date T.D. Reached 5-7-82 17. Date Compl. (Ready to Prod.) 6-1-82 18. Elevations (D.F., K.A.B., RT., GK., etc.) 6428.79' GR 19. Elev. Casinghead 6427.79'

20. Total Depth 786' 21. Plug Back T.D. 776' 22. If Multiple Compl., How Many 1 23. Intervals Drilled By Rotary Tools All Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name 766-776- Hospah 25. Was Directional Survey Made Yes

26. Type Electric and Other Logs Run Gamma Ray Neutron 27. Was Well Cored Yes

CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 8-5/8"      | 24#            | 84'       | 12-1/4"   | 75 sx            | --            |
| 4-1/2"      | 11#            | 786'      | 7-7/8"    | 85 sx            | --            |

| LINER RECORD |     |        |              |        | TUBING RECORD |           |            |
|--------------|-----|--------|--------------|--------|---------------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE          | DEPTH SET | PACKER SET |
|              |     |        |              |        | 2-3/8"        | 766' 776' | 766' 776'  |

31. Perforation Record (Interval, size and number)

| INTERVAL  | SIZE     | NUMBER |
|-----------|----------|--------|
| 768'-772' | (4 JSPP) |        |

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 768'-772'      | 500 gals. 2% KCL & .5% CSP-3  |

PRODUCTION

33. First Production Drilled as Injection Well Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in)

34. Test Data  
Flow Test Hours Tested Choke Size Production for Test Period Oil - bbl. Gas - MCF Water - bbl. Gas - Oil Ratio  
Flow Tubing Press. Casing Pressure Calculated 24-Hour Rate Oil - bbl. Gas - MCF Water - bbl. Oil Gravity - API (Corr.)

35. Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed by

36. List of Attachments

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

# INSTRUCTIONS

This form is to be filled with the appropriate field notes of the Division not later than 20 days after the completion of any newly drilled or reworked well. It shall be completed by one copy of all observations and measurements taken in the well and a summary of all up-to-date data concerning the history of the well. All depths reported shall be measured by tape, in the case of directionally drilled wells, true vertical depth shall be reported. In the case of completion, the completion depth shall be reported for each zone. This form is to be filed in duplicate in the appropriate file, where the original is required, New Rule 1152.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

|                          |                        |                             |                        |
|--------------------------|------------------------|-----------------------------|------------------------|
| T. Ashy _____            | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____            | T. Strawn _____        | T. Kentland Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____            | T. Alaka _____         | 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 0 - 766'          | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____             | T. Ignacio Ortiz _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinberry _____       | T. Gr. Wash _____      | T. Morrison _____           | T. _____               |
| T. Tubb _____            | T. Granite _____       | T. Todillo _____            | 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 766' to 776'   | 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    | 766 | 766               | Mancos    |      |    |                   |           |
| 766  | 776 | 10                | Hospah    |      |    |                   |           |

# ILLEGIBLE

Form C-108  
Revised 10-1-78STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|               |  |
|---------------|--|
| NAME OF WELL  |  |
| LOCATION      |  |
| DATE          |  |
| WELL NO.      |  |
| WELL TYPE     |  |
| WELL STATUS   |  |
| WELL OPERATOR |  |

5a. Indicate Type of Well  
State ☐ ☒ ☐  
5. State of Texas License No.  
09725

## 1. TYPE OF WELL

OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER Injection Well

## 2. TYPE OF COMPLETION

NEW WELL ☒ REPAIR ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. LEVEL ☐ OTHER

## 3. Name of Operator

Capital Oil &amp; Gas Corporation

## 4. Address of Operator

P. O. Box 2130, Kilgore, Texas 75662

## 5. Location of Well

NEAR LETTER L LOCATED 1330 FEET FROM THE South LINE AND 660 FEET FROM

West LINE OF SEC. 21 TWP. 16N REG. 6W RMPM

13. Date Spudded 4-28-82 16. Date T.D. Reached 4-30-82 17. Date Compl. (Ready to Prod.) 5-16-82 18. Elevations (L.F., R.A.H., R.T., G.R., etc.) 6406.20' GR 19. Elev. Casinghead 6405.20'

20. Total Depth 775' 21. Plug Back T.D. 775' 22. If Multiple Compl., How Many 1 23. Intervals Drilled By Rotary Tools Cable Tools All

## 24. Producing Interval(s), of this completion - Top, Bottom, Name

760'-775' Hospah

## 25. Was Directional Survey Made

Yes

## 26. Type Electric and Other Logs Run

Gamma Ray Neutron

## 27. Was Well Cored

Yes

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

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 8-5/8"      | 24#            | 86'       | 12-1/4"   | 75 SX            | --            |
| 4-1/2"      | 11#            | 775'      | 7-7/8"    | 85 SX            | --            |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

## 29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE   | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|--------|-----------|------------|
|      |     |        |              |        | 2-3/8" | 523.8'    | 523.8'     |
|      |     |        |              |        |        |           |            |
|      |     |        |              |        |        |           |            |

## 30. Perforation Record (Interval, size and number)

760'-764' (4 JSPF)

RECEIVED  
FEB - 1983

## 31. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 760-764'       | 500 gals. 2% KCL & .5% CSP-3  |
|                |                               |
|                |                               |

## 32. First Production Drilled

Production Method (Drill, or lift, pumping - size and type pump)

Well Status (Prod. or Shut-in)

|                    |                  |                         |                         |            |              |                           |                 |
|--------------------|------------------|-------------------------|-------------------------|------------|--------------|---------------------------|-----------------|
| as Injection Well  | Flow Tested      | Choke Size              | Prod'n. For Test Period | Oil - Hbl. | Gas - MCF    | Water - Hbl.              | Gas - Oil Ratio |
| Flow Tubing Press. | Coating Pressure | Calculated 24-Hour Rate | Oil - Hbl.              | Gas - MCF  | Water - Hbl. | Oil Gravity - API (Corr.) |                 |

## 33. Disposition of Core (Solid, used for fuel, vented, etc.)

Test Witnessed By

## 34. List of Attachments

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.  
Gary Blanks, Vice President

## INSTRUCTIONS

1. The form is to be filled with the appropriate standard follow up of the HIV test and later than 20 days after the completion of any newly-filled or topped well. It is to be submitted by one copy of all completed forms to the Health Department on the well and a summary of all special tests conducted by the Health Department. All data are to be submitted to the Department of Health, New York City, by the end of the monthly filled wells, two wells of depth shall be reported for each depth for each well. The depth shall be reported for each well. The form is to be filled by a health care worker or a health care worker as required, New York City 1155.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southwestern New Mexico

## Northwestern New Mexico

|                          |                        |                             |                        |
|--------------------------|------------------------|-----------------------------|------------------------|
| T. Ashy _____            | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____            | T. Stream _____        | T. Kittland Fruitland _____ | T. Penn. "C" _____     |
| D. 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 0 - 760 _____     | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qizte _____ |
| T. Glorietta _____       | T. McKee _____         | 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 760 to 775' 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<br>in Feet | Formation | From | To | Thickness<br>in Feet | Formation |
|------|-----|----------------------|-----------|------|----|----------------------|-----------|
| 0    | 760 | 760                  | Mancos    |      |    |                      |           |
| 760  | 775 | 15                   | Hospah    |      |    |                      |           |

# ILLEGIBLE

Form C-105  
Revised 10-1-78

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

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

### WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |  |
|------------------------|--|
| NO. OF COPIES RECEIVED |  |
| DISTRIBUTION           |  |
| SANTA FE               |  |
| FILE                   |  |
| MAIL                   |  |
| CLERK'S OFFICE         |  |
| OPERATION              |  |

50. Indicate Type of Lease  
State ☐ Fee ☒  
51. State Oil & Gas Lease No.  
09725

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

2. TYPE OF COMPLETION  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REVEN. ☐ OTHER ☐

Name of Operator  
Capital Oil & Gas Corporation

Address of Operator  
P. O. Box 2130, Kilgore, Texas 75662

Location of Well

IF LETTER K LOCATED 1330 FEET FROM THE South LINE AND 1330 FEET FROM

West LINE OF SEC. 21 TWP. 16N REC. 6W N.M.P.M.

|                            |                                  |                                             |                                                      |                               |
|----------------------------|----------------------------------|---------------------------------------------|------------------------------------------------------|-------------------------------|
| 3. Date Spudded<br>9-10-82 | 16. Date T.D. Reached<br>9-14-82 | 17. Date Compl. (Ready to Prod.)<br>9-23-82 | 18. Elevations (D.F., RAB, RT, CR, etc.)<br>6394' GL | 19. Elev. Casinghead<br>6393' |
|----------------------------|----------------------------------|---------------------------------------------|------------------------------------------------------|-------------------------------|

|                        |                            |                                       |                                                 |             |
|------------------------|----------------------------|---------------------------------------|-------------------------------------------------|-------------|
| 4. Total Depth<br>826' | 21. Plug Back T.D.<br>826' | 22. If Multiple Compl., How Many<br>1 | 23. Intervals Drilled By<br>Rotary Tools<br>All | Cable Tools |
|------------------------|----------------------------|---------------------------------------|-------------------------------------------------|-------------|

5. Producing Interval(s), of this completion - Top, Bottom, Name  
780-805' Hospah

25. Was Directional Survey Made  
Yes

6. Type Electric and Other Logs Run  
Gamma Ray Neutron - Induction

27. Was Well Cored  
Yes

| CASING RECORD (Report all strings set in well) |                |           |           |                  |               |
|------------------------------------------------|----------------|-----------|-----------|------------------|---------------|
| CASING SIZE                                    | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 8-5/8"                                         | 21             | 81        | 12-1/4    | 30 SX            | -             |
| 4-1/2"                                         | 9.5            | 826       | 7-7/8     | 85 SX            | -             |
|                                                |                |           |           |                  |               |
|                                                |                |           |           |                  |               |

| LINER RECORD |     |        |              |        | 30. TUBING RECORD |           |            |
|--------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|              |     |        |              |        | 2-3/8             | 760       | -          |
|              |     |        |              |        |                   |           |            |
|              |     |        |              |        |                   |           |            |

7. Perforation Record (Interval, size and number)  
796-801' (4 JSPF)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL None AMOUNT AND KIND MATERIAL USED None

FEB 4 - 1983

PRODUCTION

8. First Production  
9-30-82

Production Method (Flowing, gas lift, pumping - Size and type pump)  
Pump - 1 1/2" Insert

Well Status (Prod. or Shut-in)  
Prod.

|                           |                       |                              |                                 |                   |                   |                                 |                         |
|---------------------------|-----------------------|------------------------------|---------------------------------|-------------------|-------------------|---------------------------------|-------------------------|
| Date of Test<br>10-25-82  | Hours Tested<br>24    | Casing Size<br>Full          | Production For Test Period<br>→ | Oil - bbl.<br>11  | Gas - MCF<br>TSTM | Water - bbl.<br>0               | Gas - Oil Ratio<br>TSTM |
| Flow Tubing Press.<br>-0- | Casing Pressure<br>30 | Calculated 24-Hour Rate<br>→ | Oil - bbl.<br>11                | Gas - MCF<br>TSTM | Water - bbl.<br>0 | Oil Gravity - API (Corr.)<br>32 |                         |

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

Test Witnessed By  
W. W. Waller

List of Attachments

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.

*David Blanks* Vice President 11-15-82

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the DWR not later than 20 days after the completion of any newly-drilled or reworked well. It shall be completed by the person or persons actually in charge of the well and a summary of all special tests conducted, including the use of the Venturi. All depths reported shall be in feet and depth in the case of directionally drilled wells, true vertical depth shall be reported. In the case of a well which is being reworked, the depth shall be reported for each zone. This form is to be filed in duplicate except on wells for which a duplicate is required, under 1155.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

|                    |                  |                       |                 |
|--------------------|------------------|-----------------------|-----------------|
| T. Aubrey          | T. Canyon        | T. Ojo Alamo          | T. Penn. "B"    |
| T. Salt            | T. Stream        | 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 0 - 760     | T. McCracken    |
| T. San Andres      | T. Simpson       | T. Gallup             | T. Ignacio Quiz |
| T. Glorieta        | T. McKee         | Dase Greenhorn        | T. Granite      |
| T. Paddock         | T. Ellenburger   | T. Dakota             | T.              |
| T. Bluebry         | T. Gr. Wash      | T. Morrison           | T.              |
| T. Tubb            | T. Granite       | T. Todillo            | 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 760 to 805 | 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    | 760 | 760               | Mancos        |      |    |                   |           |
| 760  | 805 | 45                | Hospah-Gallup |      |    |                   |           |

# ILLEGIBLE

Form C-103  
Revised 10-1-78STATE OF NEW MEXICO  
OIL AND GAS DEPARTMENTOIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                  |  |
|------------------|--|
| NAME OF OPERATOR |  |
| ADDRESS          |  |
| CITY             |  |
| STATE            |  |
| ZIP              |  |
| DATE             |  |
| WELL NO.         |  |
| WELL DEPTH       |  |
| OPERATOR         |  |

|                                         |                                                                        |
|-----------------------------------------|------------------------------------------------------------------------|
| 50. Indicate Type of Lease              | State <input type="checkbox"/> Fee <input checked="" type="checkbox"/> |
| 51. Date of Lease                       | 09725                                                                  |
| 7. Unit Agreement Name                  | Miguel Creek                                                           |
| 8. Form of Lease Name                   | S.F.P.R.R.                                                             |
| 9. Well No.                             | #82                                                                    |
| 10. Field and Name of Wildcat Extension | Miguel Creek Gallup Extension                                          |
| 11. County                              | McKinley                                                               |

|                       |                                                                                                                                                                                                                      |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. TYPE OF WELL       | ON WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OIL WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Injection Well                                                                   |
| 2. TYPE OF COMPLETION | NEW WELL <input checked="" type="checkbox"/> REPAIR <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. DESIGN <input type="checkbox"/> OTHER <input type="checkbox"/> |

Name of Operator  
Capital Oil & Gas CorporationAddress of Operator  
P. O. Box 2130, Kilgore, Texas 75662Location of Well  
COUNTY LETTER K LOCATED 1980 FEET FROM THE South LINE AND 1330 FEET FROM West LINE OF SEC. 21 TWP. 16N REC. 6W13. Date Spudded  
5-4-8216. Date T.D. Reached  
5-8-8217. Date Compl. (Ready to Prod.)  
6-4-8218. Elevations (D.F., K.A.B., R.T., C.R., etc.)  
6414.19 GR19. Elev. Casinghead  
6413.1920. Total Depth  
833'21. Plug Back T.D.  
833'22. If Multiple Compl., How Many  
123. Intervals Drilled By  
Rotary Tools  
Cable Tools  
All24. Producing Interval(s), of this completion - Top, Bottom, Name  
804'-833' Hospah25. Was Directional Survey Made  
Yes26. Type Electric and Other Logs Run  
Gamma Ray Neutron27. Was Well Cored  
Yes

| CASING RECORD (Report all strings set in well) |                |           |           |                  |               |
|------------------------------------------------|----------------|-----------|-----------|------------------|---------------|
| CASING SIZE                                    | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 8-5/8"                                         | 24#            | 84'       | 12-1/4"   | 75 SX            | --            |
| 4-1/2"                                         | 11#            | 833'      | 7-7/8"    | 85 SX            | --            |

| LINER RECORD |     |        |              | TUBING RECORD |        |           |            |
|--------------|-----|--------|--------------|---------------|--------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN        | SIZE   | DEPTH SET | PACKER SET |
|              |     |        |              |               | 2-3/8" | 525'      | 525'       |

| PERFORATION RECORD (Interval, size and number) |  |  |  | ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                               |  |  |
|------------------------------------------------|--|--|--|--------------------------------------------|-------------------------------|--|--|
| 804'-809' (4 JSPP)                             |  |  |  | DEPTH INTERVAL                             | AMOUNT AND KIND MATERIAL USED |  |  |
|                                                |  |  |  | 804-809'                                   | 500 gals. 2% KCL & .5% CSP-3  |  |  |

| PRODUCTION        |                 |                                                                     |                     |            |              |                                |                 |
|-------------------|-----------------|---------------------------------------------------------------------|---------------------|------------|--------------|--------------------------------|-----------------|
| First Production  |                 | Production Method (Flowing, gas lift, pumping - size and type pump) |                     |            |              | Well Status (Prod. or Shut-in) |                 |
| as Injection Well |                 |                                                                     |                     |            |              |                                |                 |
| Test              | How Tested      | Choke Size                                                          | Flowing Test Period | Oil - bbl. | Gas - MCF    | Water - bbl.                   | Gas - Oil Ratio |
| Tubing Press.     | Casing Pressure | Calculated 24-Hour Flow                                             | Oil - bbl.          | Gas - MCF  | Water - bbl. | Oil Gravity - API (Corr.)      |                 |

Disposition of Gas (sold, used for fuel, vented, etc.)  
Test Witnessed ByList of Attachments  
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.

# INSTRUCTIONS

Report 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 reworked well. It is to be completed by the company or individual who has been in the well and a company or individual who has been in the well. All depths reported shall be measured by the company or individual who has been in the well. The form is to be filled by the company or individual who has been in the well. The form is to be filled by the company or individual who has been in the well.

## 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. Kittland Fruitland | T. Penn. "C"     |
| D. 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 0 - 804'    | T. McCracken     |
| T. San Andres      | T. Simpson       | T. Gallup             | T. Ignacio Qizte |
| T. Glorietta       | T. McKee         | Base Greenhorn        | T. Granite       |
| T. Paddock         | T. Ellenburger   | T. Dakota             | T.               |
| T. Blinberry       | T. Gr. Wash      | T. Morrison           | T.               |
| T. Tubb            | T. Granite       | T. Todillo            | T.               |
| T. Drinkard        | T. Delaware Sand | T. Entrada            | T.               |
| T. Albo            | 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 804' to 833' | 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    | 804 | 804               | Mancos    |      |    |                   |           |
| 804  | 833 | 29                | Hospah    |      |    |                   |           |

# ILLEGIBLE

Form C-108  
Revised 10-1-78STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|              |  |
|--------------|--|
| NAME OF WELL |  |
| LOCATION     |  |
| DATE         |  |
| FILE         |  |
| WELL         |  |
| WELL         |  |
| WELL         |  |
| WELL         |  |
| WELL         |  |
| WELL         |  |

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. Date of Lease  
09725

7. Unit Agreement Name

Miguel Creek

8. Form of Lease Name

S.F.P.R.R.

9. Well No.

#83

10. Field and Well, or Wildcat  
Miguel Creek Gallup  
Extension

1. TYPE OF WELL

OIL WELL ☐GAS WELL ☐WATER ☐

OTHER Injection Well

2. TYPE OF COMPLETION

NEW WELL ☒REPAIR ☐DEEPEN ☐PLUG BACK ☐DIFF. DESIGN ☐

OTHER

3. Name of Operator

Capital Oil &amp; Gas Corporation

4. Address of Operator

P. O. Box 2130, Kilgore, Texas 75662

5. Location of Well

6. SECTION L LOCATED 1980 FEET FROM THE South LINE AND 10 FEET FROM

7. West

LINE OF SEC. 21

TWP. 16N

RANGE 6W

MOUNTAIN

11. County

McKinley

12. Date Spudded

4-28-82

13. Date T.D. Reached

4-30-82

14. Date Compl. (Ready to Prod.)

5-20-82

15. Elevations (D.F., R.A.I., R.T., G.K., etc.)

6471.02' GR

16. Elev. Casinghead

6470.02'

17. Total Depth

839'

18. Plug Back T.D.

839'

19. If Multiple Compl., How Many

1

20. Intervals Drilled By

All

21. Rotary Tools

22. Cable Tools

23. Producing Interval(s), of this completion - Top, Bottom, Name

823'-839' Hospah

24. Was Directional Survey Made

Yes

25. Type Electric and Other Logs Run

Gamma Ray Neutron

26. Was Well Cored

Yes

## CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | MOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 8-5/8"      | 24#            | 85'       | 12-1/4"   | 75 SX            | --            |
| 4-1/2"      | 11#            | 839'      | 7-7/8"    | 85 SX            | --            |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

## 27. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE   | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|--------|-----------|------------|
|      |     |        |              |        | 2-3/8" | 519.8'    | 519.8'     |
|      |     |        |              |        |        |           |            |
|      |     |        |              |        |        |           |            |

## 28. Perforation Record (Interval, size and number)

823'-828' (4 JSPF)

## 29. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 823-828        | 500 gals. 2% KCL & .5% CSP-3  |
|                |                               |
|                |                               |
|                |                               |

## 30. PRODUCTION

31. First Production Drilled as Injection Well

| Flow Tested | Check Size | Flowing Test Period | Oil - Hbl. | Gas - MCF | Water - Hbl. | Gas - Oil Ratio |
|-------------|------------|---------------------|------------|-----------|--------------|-----------------|
|             |            |                     |            |           |              |                 |
|             |            |                     |            |           |              |                 |
|             |            |                     |            |           |              |                 |

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

Test Witnessed By

33. List of Attachments

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

Gary Blanks, Vice President 1-15-83

### INSTRUCTIONS

1. The form is to be filled with the appropriate format within 30 days of the completion of any newly drilled or reworked well. The well is to be filled by one copy of all information pertaining to the well and a summary of all reported tests or analyses, including all results. All depth reports shall be accompanied by the depth of the directionally drilled well, from wellhead to the shallower report, if the depth is greater than 100 ft. The depth shall be posted for each zone. The form is to be filled for geologic units, regardless of the type, where the geologic unit reached, whether 15 ft or more.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

|                          |                        |                             |                         |
|--------------------------|------------------------|-----------------------------|-------------------------|
| T. Anby _____            | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____      |
| T. Salt _____            | T. Strawn _____        | T. Kintland Fruitland _____ | T. Penn. "C" _____      |
| D. 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 0 - 823' _____    | T. McCracken _____      |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzite _____ |
| T. Glorietta _____       | T. McKee _____         | Base Greenhorn _____        | T. Granite _____        |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____                |
| T. Blinobry _____        | T. Gr. Wash _____      | T. Morrison _____           | T. _____                |
| T. Tubb _____            | T. Granite _____       | T. Todillo _____            | 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 823' to 839' 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<br>in Feet | Formation | From | To | Thickness<br>in Feet | Formation |
|------|-----|----------------------|-----------|------|----|----------------------|-----------|
| 0    | 823 | 823                  | Mancos    |      |    |                      |           |
| 823  | 839 | 16                   | Hospah    |      |    |                      |           |

# ILLEGIBLE

Form C-109  
Revised 10-1-78

STATE OF NEW MEXICO  
ENERGY AND MINES DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RE-COMPLETION REPORT AND LOG

|                        |  |
|------------------------|--|
| NO. OF COPIES REQUIRED |  |
| DISTRIBUTION           |  |
| DATE                   |  |
| FILE                   |  |
| NAME                   |  |
| ADDRESS                |  |
| PHONE                  |  |
| OPERATOR               |  |

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. Date of Lease Termination

09725

7. Unit Agreement Name

Miguel Creek

8. Form of Lease Name

S.F.P.R.R.

9. Well No.

#84

10. Field and Farm, or Wildcat

Miguel Creek-Gallup

1. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DAY ☐ OTHER ☐

2. TYPE OF COMPLETION

NEW ☒ RE-DRILL ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. DESIG. ☐ OTHER ☐

3. Name of Operator

Capital Oil & Gas Corporation

4. Address of Operator

P. O. Box 2130 Kilgore, TX 75662

5. Location of Well

NEUT LETTER F LOCATED 1980 FEET FROM THE West LINE AND 2310 FEET FROM

6. N. LINE OF SEC. 29 TWP. 16N REC. 6W COUNTY McKinley

13. Date Spudded 3-16-82 16. Date T.D. Reached 5-12-82 17. Date Compl. (Ready to Prod.) 10-12-82 18. Elevations (D.F., K.H., H.T., C.H., etc.) 6427 19. Elev. Casinghead 6425

20. Total Depth 3100' 21. Plug Back T.D. 827' 22. If Multiple Compl., How Many --- 23. Intervals Drilled By Hotary Tools X Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name

760-820 Hospah

25. Was Directional Survey Made

Yes

26. Type Electric and Other Logs Run

GR/N

27. Was Well Cored

Yes

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

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 8 5/8       | 24             | 349       | 10 3/4    | 150 sx           | ---           |
| 4 1/2       | 9.5            | 826       | 6 3/8     | 85 sx            | ---           |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE  | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|-------|-----------|------------|
|      |     |        |              |        | 2 3/8 | 747       | ---        |

30. Perforation Record (Interval, size and number)

760'-770' (4 JSPF)

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| None           |                               |

32. PRODUCTION

|                    |                 |                                                                     |                         |            |              |                                |                 |
|--------------------|-----------------|---------------------------------------------------------------------|-------------------------|------------|--------------|--------------------------------|-----------------|
| First Production   |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |            |              | Well Status (Prod. or Shut-in) |                 |
| 10-20-82           |                 | Pump                                                                |                         |            |              | SI                             |                 |
| Date of Test       | Hours Tested    | Choke Size                                                          | Pressure at Test Period | Oil - bbl. | Gas - MCF    | Water - bbl.                   | Gas - Oil Ratio |
| 11-1-82            | 24              | Full                                                                |                         | 3          |              | 9                              |                 |
| Test Tubing Press. | Casing Pressure | Calculated 24-Hour Flow                                             | Oil - bbl.              | Gas - MCF  | Water - bbl. | Oil Quality - API (Lorr.)      |                 |
| 0                  | 0               |                                                                     | 3                       | TSTM       | 9            | 34                             |                 |

33. Disposition of Log (S.D., used for test, vented, etc.)

Test Witnessed By

C. W. Pickering

34. List of Attachments

November 15, 1982

# INSTRUCTIONS

Form to be filled with the appropriate formation names of the District not later than 20 days after the completion of any newly drilled or reworked well. It shall be so filled by the company or other person in charge of the well and a copy of all reports of all reports of tests, logs, etc., shall be filed with the appropriate District Office. All reports shall be filed in accordance with the following instructions: In the case of a well drilled with a true north-south dip the well shall be reported as such. In the case of a well drilled with a dip of less than 10 degrees, the well shall be reported as such. In the case of a well drilled with a dip of more than 10 degrees, the well shall be reported as such. The logs to be filed shall be of the type specified in the following table, where the type is indicated by the number 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 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599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

|                    |                  |                    |                 |
|--------------------|------------------|--------------------|-----------------|
| T. Ashy            | T. Canyon        | T. Ojo Alam        | T. Penn. "B"    |
| T. Salt            | T. Strawn        | T. Kittland Fossil | T. Penn. "C"    |
| D. Salt            | T. Atoka         | T. Pictured Cliffs | T. Penn. "D"    |
| T. Yates           | T. Miss          | T. Cliff House     | T. Leadville    |
| T. 7 Rivers        | T. Devonian      | T. Moncree         | T. Madison      |
| T. Queen           | T. Silurian      | T. Point Lookout   | T. Elbert       |
| T. Grayburg        | T. Montoya       | T. Mancos          | T. McCracken    |
| T. San Andres      | T. Simpson       | T. Gallup 760      | T. Ignacio Quiz |
| T. Glorieta        | T. McKee         | Base Greenhorn     | T. Granite      |
| T. Paddock         | T. Ellenburger   | T. Dakota 1803     | T.              |
| T. Blinberry       | T. Gr. Wash      | T. Morrison        | T.              |
| T. Tubbs           | T. Grmite        | T. Todillo 3060    | T.              |
| T. Drinkard        | T. Delaware Sand | T. Entrada 3100    | T.              |
| T. Alva            | 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 760 to 820 | 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    | 760  | 760               | Manchos   |      |    |                   |           |
| 760  | 1803 |                   | Greenhorn |      |    |                   |           |
| 1803 | 220  | 597               | Dakota    |      |    |                   |           |
| 220  | 3060 | 740               | Morrison  |      |    |                   |           |
| 3060 | 3100 | 40                | Tadillo   |      |    |                   |           |
| 3100 | 3104 | 4                 | Entrada   |      |    |                   |           |

**APPLICATION TO APPROPRIATE UNDERGROUND WATERS  
IN ACCORDANCE WITH SECTION 72-12-1 NEW MEXICO STATUTES**  
HC#93320, \$1.00

1. Name and Address of Applicant:

File No. RG-36379

Capital Oil & Gas Corporation

P.O. Box 1038

Kilgore, Texas 75662

2. Describe well location under one of the following subheadings:

a. S.W. 1/4 of 1/4 NW 1/4 of Sec. 29 Twp. 16 N Rgc. 6 W N.M.P.M., in  
McKinley County.

b. Tract No. \_\_\_\_\_ of Map No. \_\_\_\_\_ of the \_\_\_\_\_

c. Lot No. \_\_\_\_\_ of Block No. \_\_\_\_\_ of the \_\_\_\_\_  
Subdivision, recorded in \_\_\_\_\_ County.

d. X = \_\_\_\_\_ feet, Y = \_\_\_\_\_ feet, N.M. Coordinate System \_\_\_\_\_ Zone  
in the \_\_\_\_\_ Grant.

e. Give street address or route and box No. of property upon which well is to be located, or location by direction and  
distance from known landmarks Lea Ranch, San Mateo, New Mexico

3. Approximate depth (if known) 920' feet; outside diameter of casing 5 1/2 inches.

Name of driller (if known) Stewart Bros. Grants, New Mexico

4. Use of water (check appropriate box or boxes):

- ☐ One household, non-commercial trees, lawn and garden not to exceed 1 acre.
- ☒ Livestock watering.
- ☐ More than one household, non-commercial trees, lawns and gardens not to exceed a total of 1 acre.
- ☐ Drinking and sanitary purposes and the irrigation of non-commercial trees, shrubs and lawns in conjunction with a commercial operation.
- ☒ Prospecting, mining or drilling operations to discover or develop natural resources.
- ☐ Construction of public works, highways and roads.

If any of the last four were marked, give name and nature of business under Remarks. (Item 5)

5. Remarks: This well will be used as water supply as well as for watering cattle on  
the north end of the Lea Ranch

I, Jim Pepper, affirm that the foregoing statements are true to the best of my knowledge  
and belief and that development shall not commence until approval of the permit has been obtained.

Capital Oil & Gas Corporation Applicant

By: Jim Pepper

Date: \_\_\_\_\_

**ACTION OF STATE ENGINEER**

This application is approved for the use indicated, subject to all general conditions and to the specific conditions numbered  
2, 3, & 5 (a) on the reverse side hereof. This permit will automatically expire unless this well is  
drilled or driven and the well record filed on or before June 15, 1982

S.E. Reynolds, State Engineer

By: C. A. Wohlenberg, Dist. I

Date: 6-10-81

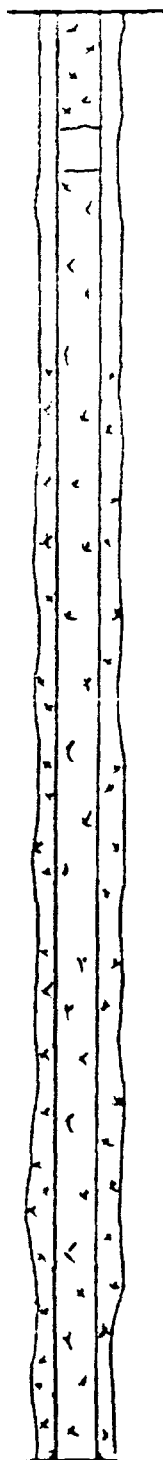
File No. RG-36379

WELLBORE DIAGRAM

=====

SFRR NO. 22 CAPITAL OIL AND GAS CORP.  
SENE, 1650' FNL, 660' FEL, SEC. 29, T16N, R6W  
MCKINLEY CO., NEW MEXICO

COMPL. DATE: NA  
ABANDONED: 2/18/93



2.875" CASING SET AT 804'  
CEMENTED WITH 100 SX CEMENT.

CEMENT TAGGED AT 20' FROM SURFACE.

2 SX CEMENT SPOTTED AT SURFACE,  
AND ERECT P AND A MARKER.

4.375" HOLE DRILLED TO TD.

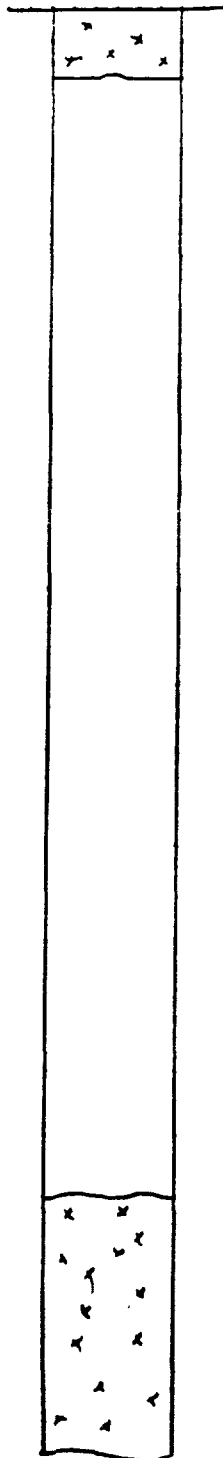
TD: 804 '

WELLBORE DIAGRAM

=====

SFPRR NO. 17                      NORTHERN MINERALS INC.  
NWSW, 2930' FNL, 1650' FEL, SEC. 29, T16N, R6W  
MCKINLEY CO., NEW MEXICO

COMP. DATE:            NA  
ABANDONED:            2/27/75



3 SX SPOTTED AT SURFACE  
10 SX 775' TO 856'

5" HOLE DRILLED TO TD.

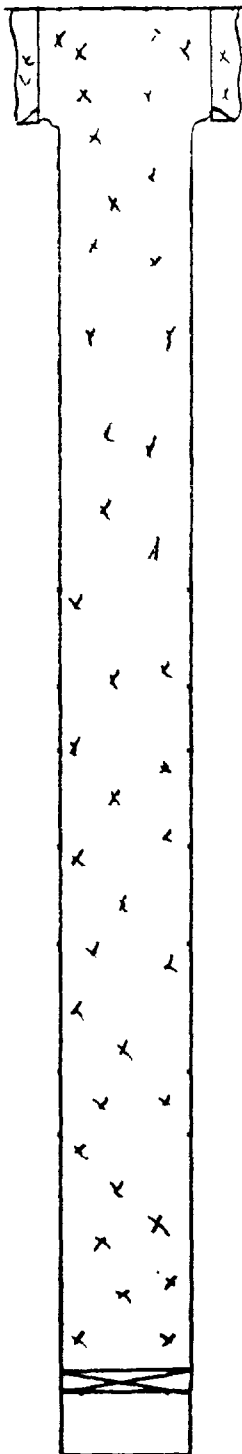
TD:                      856 '

# WELLOGRE DIAGRAM

=====

CARR OF STATE NO. 1 CARR, LAUTH, & BROWN  
 S.W. 1/4, 2310 FNL, 490' FNL, SEC. 28, T16N, R6W  
 MCINTLEY CO., NEW MEXICO

COMP. DATE: NA  
 ABANDONED: 1/61



7" CASING SET AT 32'  
 CEMENTED WITH 5 SX.

112 SX CMT FROM 738' TO SURFACE.

BRIDGE PLUG SET AT 738'.

DRILLED TO 840' WITH 4.75" HOLE.

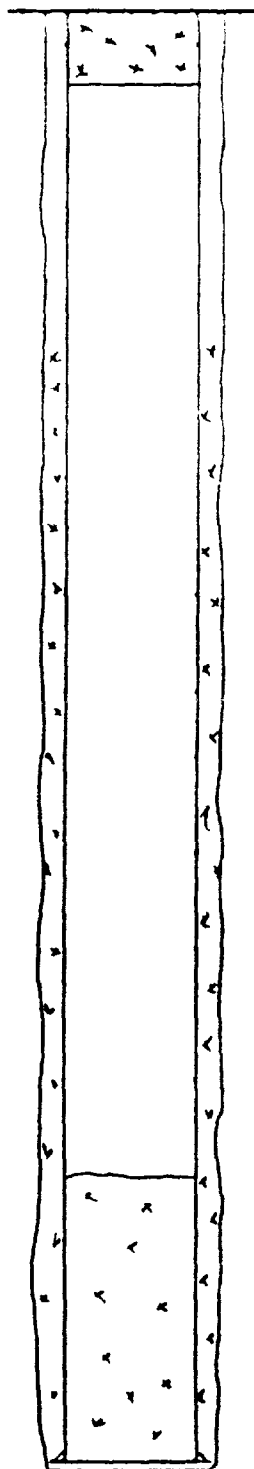
TD: 840'

WELLBORE DIAGRAM

=====

FERNANDEZ NO. 1      CAPITOL OIL & GAS  
NWSE, 1980' FSL, 2310' FEL, SEC. 21, T16N, R6W  
MCKINLEY CO., NEW MEXICO

COMP. DATE:      NA  
ABANDONED:      2/17/83



10 SX PLUG SET AT SURFACE TO 20'.

20 SX PLUG SET AT 760-860'.

5.5" 14 PPF CASING SET AT 990'  
CEMENTED WITH 175 SX.

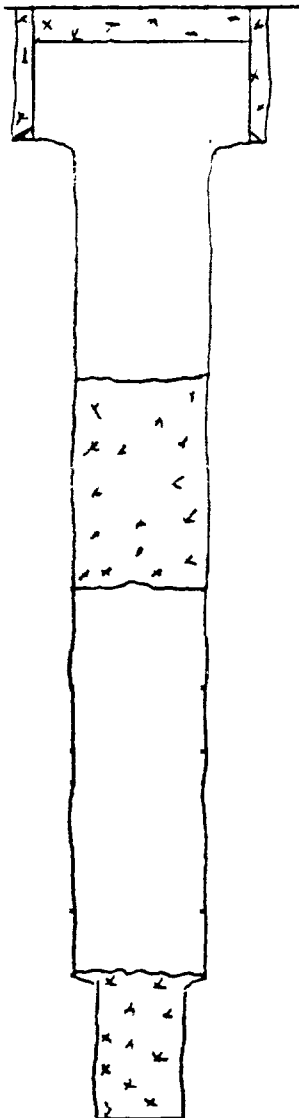
DRILLED TO 992' WITH 7.875" HOLE.

TD:              992 '

WELLBORE DIAGRAM

SHAW SFPRR NO. 1A OBIE SHAW  
NMSW. 2140' FSL. 1025' FEL. SEC. 29, T16N, R6W  
MCRAINLEY CO., NEW MEXICO

COMP. DATE: NA  
ABANDONED: 8/18/63



7" 24 PPF CASING SET AT 62'  
CEMENTED WITH 15 SX.

3 SX SPOTTED TOP OF SURFACE CASING  
20 SX 200' TO 300'  
3 SX 750' TO 799'

DRILLED TO 750' WITH 6.25" HOLE.  
DRILLED FROM 750 TO 799' WITH 4" HOLE.

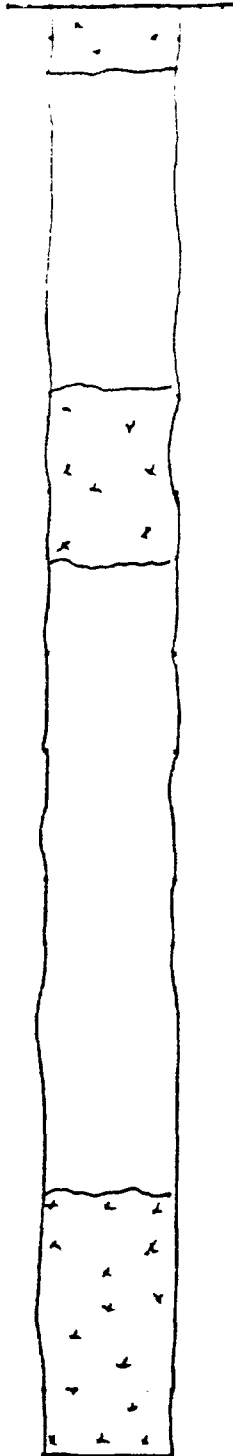
TD: 799'

WELLPORR DIAGRAM

=====

SPPRR NO. 18                      NORTHERN MINERALS INC.  
SENE. 2310' FNL, 990' FEL, SEC. 29, T16N, R6W  
MCKINLEY CO., NEW MEXICO

COMP. DATE:                      NA  
ABANDONED:                      3/21/78



5 SA SPOTTED AT SURFACE

PLUG AT 250-300'

PLUG AT 750-800'

6.25" HOLE DRILLED TO TD.

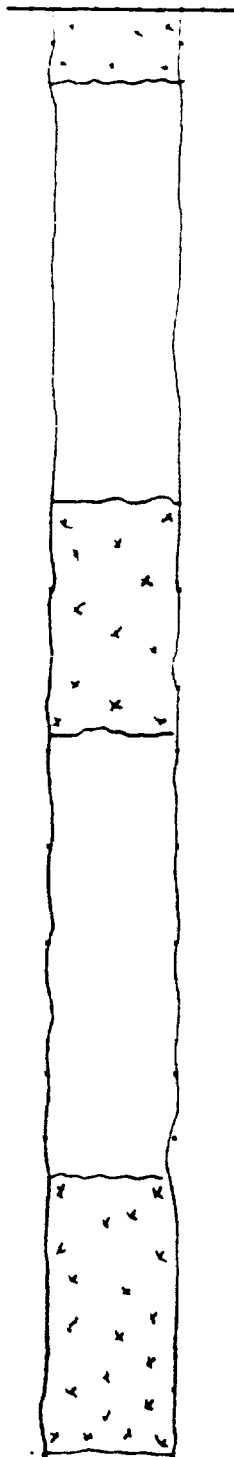
TD:                      800 '

WELLBORE DIAGRAM

=====

SFFRR NO. 23                      NORTHERN MINERALS INC.  
SWNE, 2010' FNL, 1650' FEL, SEC. 20, T16N, R6W  
MCKINLEY CO., NEW MEXICO

COMP. DATE:            NA  
ABANDONED:            9/12/77



5 SX SPOTTED AT SURFACE

PLUG AT 600-700'

PLUG AT 1100-1215'

6.25" HOLE DRILLED TO TD.

TD: 1215'

[illegible]

ABANDONED: 7/28/73

5 SX SPOTTED TOP OF SURFACE CASING  
100 SX 712' TO 812'  
100 SX 1800' TO 1900'  
50 SX 3016' TO 3066'

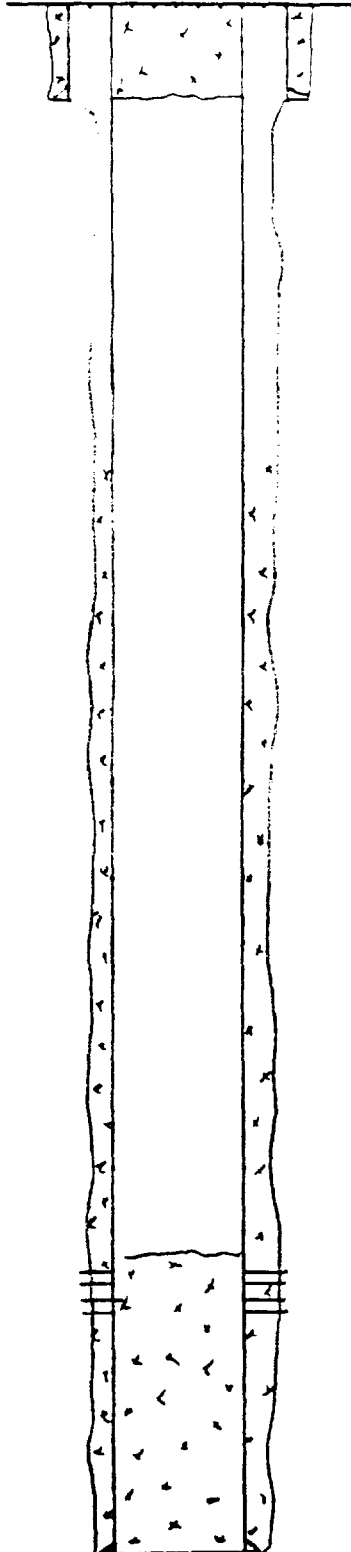
TD: 3066

WELLBORE DIAGRAM

=====

SFPRR NO. 1                      CAPITOL OIL AND GAS  
SESE, 660' FSL, 660' FEL, SEC. 20, T16N, R6W  
MCKINLEY CO., NEW MEXICO

COMP. DATE:              NA  
ABANDONED:              7/28/73



10.75" 32.75 PPF CASING SET AT 101'  
CEMENTED WITH 125 SX.

10 SX SPOTTED TOP OF CASING  
CEMENT PLUG FROM 740 TO 1030'.

PERFS AT 744 TO 748'.

8.75" HOLE DRILLED TO TD.  
5.5" 20 PPF CASING SET AT 1030'.  
CEMENTED WITH 250 SX.

TD:                      1030 '

AnaCor, Inc.  
7300 Jefferson Street, N.E.  
Albuquerque, NM 87109  
(505) 345-8964

Joint Venture of AnaChem, Inc. and Assaigai Analytical Laboratory

To: Enhanced Energy Systems  
511 Comanche NE  
Albuquerque, NM 87107

Date: January 26, 1983  
JV-107

Attention: Willy Widemeyer

Sample Identification

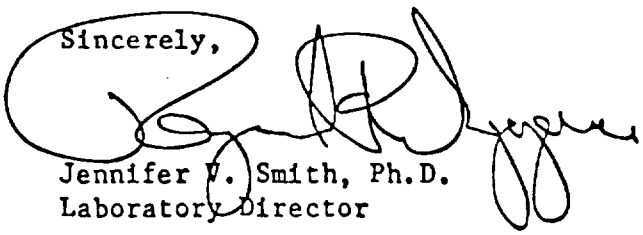
Analytical Results

Water Sample

|                  |                              |
|------------------|------------------------------|
| Na               | 518.4 ppm                    |
| Ca               | 9.59 ppm                     |
| Mg               | 4.20 ppm                     |
| Fe               | 0.53 ppm                     |
| Mn               | <0.1 ppm                     |
| CO <sub>3</sub>  | 0 mg/l                       |
| HCO <sub>3</sub> | 100.0 mg/l                   |
| Cl               | 95.0 mg/l                    |
| SO <sub>4</sub>  | 425.0 mg/l                   |
| pH               | 8.22 ppm                     |
| Si               | 4.95 ppm                     |
| Conductivity     | 2650 micromhos/cm            |
| Hardness         | 100 mg(CaCO <sub>3</sub> )/l |

An invoice for services is enclosed. Thank you for contacting AnaCor.

Sincerely,



Jennifer V. Smith, Ph.D.  
Laboratory Director

JVS:rp

Enclosure

MASSIVE GALLUP WATER SAND

# WATER ANALYSIS REPORT

COMPANY Capitol Oil & Gas ADDRESS Milan, NM DATE: 6-7-62

| SOURCE | Well #37, S.F.P.R.R. Lease | DATE SAMPLED | ANALYSIS NO. |
|--------|----------------------------|--------------|--------------|
|        | Analysis                   | Mg/L         | *Mg/L        |

1. pH 6.0
2.  $\text{H}_2\text{S}$  (Qualitative) 1.5
3. Specific Gravity 1.005
4. Dissolved Solids
3. Suspended Solids
6. Phenolphthalein Alkalinity ( $\text{CaCO}_3$ )
7. Methyl Orange Alkalinity ( $\text{CaCO}_3$ )
8. Bicarbonate ( $\text{HCO}_3$ )
9. Chlorides (Cl)
10. Sulfates ( $\text{SO}_4$ )
11. Calcium (Ca)
12. Magnesium (Mg)
13. Total Hardness ( $\text{CaCO}_3$ )
14. Total iron (Fe)
15. Barium (Qualitative)

16. Strontium  
\*Milli equivalents per liter

Location: Section 21, Township 16N, Range 6W  
1650' FSL & 330' FWL

|                  |                   |        |                               |
|------------------|-------------------|--------|-------------------------------|
|                  | <u>5715</u>       |        |                               |
|                  | <u>          </u> |        |                               |
|                  | <u>          </u> |        |                               |
|                  | <u>1100</u>       |        |                               |
| HCO <sub>3</sub> | <u>598</u>        | ÷ 61   | <u>9.8</u> HCO <sub>3</sub>   |
| Cl               | <u>2978</u>       | ÷ 35.5 | <u>84</u> Cl                  |
| SO <sub>4</sub>  | <u>9</u>          | ÷ 48   | <u>0.1875</u> SO <sub>4</sub> |
| Ca               | <u>236</u>        | ÷ 20   | <u>11.8</u> Ca                |
| Mg               | <u>9</u>          | ÷ 12.2 | <u>0.7377</u> Mg              |
|                  | <u>350</u>        |        |                               |
|                  | <u>16.0</u>       |        |                               |

### PROBABLE MINERAL COMPOSITION

|    |    |   |                  |    |
|----|----|---|------------------|----|
| 12 | Ca | ← | HCO <sub>3</sub> | 10 |
| 0  | Mg | → | SO <sub>4</sub>  | 0  |
| 82 | Na | → | Cl               | 24 |

| Saturation Values                      | Distilled Water 20°C |
|----------------------------------------|----------------------|
| Ca CO <sub>3</sub>                     | 13 Mg/L              |
| Ca SO <sub>4</sub> • 2H <sub>2</sub> O | 2,090 Mg/L           |
| Mg CO <sub>3</sub>                     | 103 Mg/L             |

| Compound                            | Equiv. Wt. | X | Meq/L             | = | Mg/L              |
|-------------------------------------|------------|---|-------------------|---|-------------------|
| Ca (HCO <sub>3</sub> ) <sub>2</sub> | 81.04      |   | <u>10</u>         |   | <u>210</u>        |
| Ca SO <sub>4</sub>                  | 68.07      |   | <u>          </u> |   | <u>          </u> |
| Ca Cl <sub>2</sub>                  | 55.50      |   | <u>2</u>          |   | <u>111</u>        |
| Mg (HCO <sub>3</sub> ) <sub>2</sub> | 73.17      |   | <u>          </u> |   | <u>          </u> |
| Mg SO <sub>4</sub>                  | 60.19      |   | <u>          </u> |   | <u>          </u> |
| Mg Cl <sub>2</sub>                  | 47.62      |   | <u>          </u> |   | <u>          </u> |
| Na HCO <sub>3</sub>                 | 84.00      |   | <u>          </u> |   | <u>          </u> |
| Na <sub>2</sub> SO <sub>4</sub>     | 71.03      |   | <u>          </u> |   | <u>          </u> |
| Na Cl                               | 58.46      |   | <u>82</u>         |   | <u>4794</u>       |

REMARKS CO<sub>2</sub>-500ppm

Scaling tendency is plus .4. There will be possible scaling problem with this well.

Respectfully submitted  
IRETEOLITE COMPANY

Lloyd M. Loomer

UPPER GALLUP SANDSTONE (HOSPAH SAND)

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.  
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. (Extra charge) 2. ☐ Restricted Delivery (Extra charge)

|                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3. Article Addressed to:<br><br>Floyd Lee<br>5000 San Mateo Rd<br>San Mateo NM 87050<br><br><i>[Signature]</i> | 4. Article Number<br>P 565 392 307<br><br>Type of Service:<br><input type="checkbox"/> Registered <input type="checkbox"/> Insured<br><input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD<br><input type="checkbox"/> Express Mail <input checked="" type="checkbox"/> Return Receipt for Merchandise<br><br>Always obtain signature of addressee or agent and DATE DELIVERED. |
| 5. Signature — Addressee<br>X                                                                                  | 8. Addressee's Address (ONLY if requested and fee paid)<br><br><i>[Circular Postmark: AUG 27 1992 USPS]</i>                                                                                                                                                                                                                                                                                           |
| 6. Signature — Agent<br>X <i>[Signature]</i>                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                       |
| 7. Date of Delivery<br><i>8.27.92</i>                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                       |

PS Form 3811, Apr. 1989

★ U.S.G.P.O. 1989-238-815

DOMESTIC RETURN RECEIPT

ROBERT L. BAYLESS

P. O. BOX 168  
FARMINGTON, NM 87499

FAX NO  
(505) 326-6911

OFFICE NO.  
(505) 326-2659

August 24, 1992

Floyd Lee  
5000 San Mateo Rd  
San Mateo, NM 87050

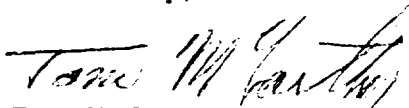
RE: Expansion of Waterflood  
Miguel Creek Field  
McKinley County, New Mexico

In accordance with Oil Conservation Division requirements, we are enclosing herewith a copy of our application to convert additional wells to injection in the Miguel Creek Field.

If you wish to file objections or request a hearing concerning this matter, you must do so with the Oil Conservation Division, PO Box 2088, Santa Fe, New Mexico 87504-2088 within 15 days of receipt of this letter.

If you wish to discuss this work or any other matters concerning our operations, contact me at 505-326-2659.

Sincerely,



Tom McCarthy  
Petroleum Engineer

TM/tls

enc.

# O

Cibola County Beacon, Grants, New Mexico 87020

Friday, August 28, 1992

# class

## CIBOLA COUNTY

### BEACON

### CLASSIFIEDS

ONE 287-4411

### READ YOUR AD for

the first day it

s. Report any errors for the next edition.

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or omissions. Any

is for adjustments

ers must be made by

vertiser within one

after the final

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cola County Beacon

no later than Noon

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Thursday for

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of the Cibola County

y corrections,

ns. deletions or

to stop publication

so be in our office by

he day previous to

tion.

The Cibola County

### 1D. AUCTION

Auction for City of Farmington. Sat., Sept. 12, 9 a.m. 3 back hoes, 3 dump trucks, 13 4x4 vehicles, 18 pickups, 17 cars, air compressor, 45 bikes & lots more. Vaughn Auctioners. 1-325-4383. (#4622).

### 2. LOST AND FOUND

Found a puppy 8/8/92. Saturday, about 8 p.m. near Mosca Lookout on Mount Taylor. If you lost a puppy then, please call 287-8149.

LOST: 1 tool roll combination wrenches. Range from 5/16 thru 1 1/4. Lost somewhere between 617 Valencia St. & Frontier Inn. Engraved with the name Tom A. Kennedy & S.S.N. Would appreciate the return. Please return to 617 Valencia St. in Milan or call 287-4411. (#4429).

Did you find a pair of red framed prescription sunglasses in red case? Please call 287-8615. (#4484).

Reward. Lost puppy, Adams and 1st. Half Red Healer, half Blue Healer. Body is charcoal grey and his feet are red. 287-2543 or 287-7811. (#4518).

Strayed: Boxer dog, brindle color, male, from Mt. Taylor Ave. Please call 287-8215 or 7985. (#4525).

Found: On Zuni Canyon Rd., male dog, pat Husky & German Shepherd. 287-3864 or 287-2763. (#4555).

### 3. HELP WANTED

Drivers go to work immediately. Roadrunner Distributions Services, Inc. Tx 1-800-285-8267. Competitive pay new conventional medical, dental, vacation etc... Sign on bonus EOE. (#4563).

### 3. HELP WANTED

Mature office help needed for construction related industry. Accounting and computer experience helpful. Send resume to: P.O. Box 2547, Milan, NM 87021. (#4483).

Need weekend RN and PRN-LPN for small nursing home located in beautiful countryside west of Albuquerque. If you want a truly regarding, unique experience with grateful elders call Catharine Lopez, RN-DON, Laguna Rainbow Nursing Center 242-2227 or 1-552-5034. Competitive salaries offered. (#4492).

\*\*\*Desk Clerk\*\*\* Some experience necessary. Apply in person at Super 8 Motel, 1604 E. Santa Fe, Grants. (#4541).

Needed: Assistance for handicapped gentleman. 6-8 a.m. and 7-10 p.m. 287-4250. (#4542).

**JOB ANNOUNCEMENT:** The Cibola County Manager's Office is seeking applications from interested qualifying individuals for the position of **RECEPTIONIST/SECRETARY**. Salary Range: \$9,600 to \$12,000/year. Working Hours: 8:00 a.m. to 5:00 p.m. (Mon. thru Fri.)

**JOB RESPONSIBILITIES:** Telephone switchboard duties, Receptionist functions, Departmental typing & word processing, Preparation of meeting agendas, Record and assist at Commission meetings, Filing and records management, Special projects. **EXPERIENCE AND QUALIFICATIONS:** Good typing skills, Word processing experience, Records management skills, Switchboard experience, Public relations skills, Ability to perform duties with a high degree of confidentiality. Cibola County.

### 5. MISCELLANEOUS FOR SALE

Polish HS exchange student, boy 16 anxiously awaiting host family. Enjoys swimming, sports, reading, computers. Arriving August. Call Maryann 505-299-9298 or 1-800-SIBLING. (#4567).

Bankruptcy from \$49. Stops garnishments/ collections. Lets you start over. Get new credit! Self help law saves you \$100's in attorney fees! Divorce \$99 (uncontested). 1-800-967-5536. (#4568).

Vending route, local. Proven earner, Min. investment. Call Mr. Roberts 1-800-329-8782. (#4569).

For Sale - Jack Lalane Olympic weight bench with leg extension & preacher curl accessories. 325 lbs. of steel weights. Like new. \$400. 876-4950. (#4563).

### 5A. HOUSEHOLD ITEMS

General Electric 24" color TV console (walnut cabinet). Call after 5 p.m. 287-4220. (#4621).

### 5B. MUSICAL INSTRUMENTS

3 Family Garage Sale. Friday from 9-3. 633 Gunnison. (#4548).

### 6. YARD SALES

3 Family Yard Sale. Camper, furniture, exercise bike, household and baby items. Lost of misc. Sat., Aug. 29. 8-2. 1215 Piñon, Milan. (#4578).

Yard Sale. Sat., 29th. 441 Alamo. (#4584).

Huge Garage Sale. Lots of misc. 403 Teresa - Mt. Taylor Addition. Follow signs. Sat. 8-4. (#4617).

Yard Sale. 1416 Del Norte. 8 to 2? (#4618).

### 15. HOUSES FOR SALE

**DAVE ZIERWAS COMPANY**

**1404 Chaco**  
3 bedroom, 1 bath home. NEAT AS A PIN! Beautiful yard. Lovely dining room. Fireplace in living room/den. Stove, dishwasher. **\$39,000**

**123 EAST ROOSEVELT (GRANTS, NEW MEXICO 87020)**  
PHONE (505) 287-8817

### PRICE REDUCED!

**\$39,500**  
1105 Franciscan, 3 bedrooms, 1 3/4 baths. Approx. 1140 sq.ft. TERRIFIC LOCATION!

### GREAT LOCATION!

**\$33,000**  
1401 Encino, 3 bedrooms, 1 bath, 1 car garage. Approx. 1000 sq.ft. CLOSE TO SCHOOLS!!

### NICE & NEAT!

**\$37,500**  
808 Sage, 3 bedrooms, 1 3/4 baths. Approx. 1258 sq.ft. MUST SEE TO BELIEVE!!

**TONY CALLEGOS REALTY**

Fr 24 Th 3/ or

1

Un (#3

free bankruptcy consultation.  
(#4156).

It's Chili Time! We roast yours or ours. We have mild, Big Jim, hot & extra hot. What A Bargain Store.  
(#4585).

**"AEROBICS IN ACTION" IS BACK!**

Instructors: Brenda Lucero  
and Carmen Morin

Low Impact High Intensity Aerobics  
and Step Aerobics

Located at:

G.H.S. South Campus Gym

Monday through Thursday

5:30 p.m.-6:30 p.m.

\*Classes Begin

Monday, August 31, 1992.

ONLY \$1 PER CLASS

For More Information

Call Brenda at 287-2413

(Step Classes to be scheduled at a  
later time) (#4586).

Robert L. Bayless has filed an application with the New Mexico Oil Conservation Division to convert the SFPRR Wells No. 24, 26, 39, 41, 51, 52, and 53 from production to water injection for secondary recovery of oil. All of the subject wells are located in Sections 20, 21, 28, and 29, Township 16 North, Range 6 West, McKinley County, New Mexico, in the Miguel Creek Field. The contact party for the applicant is Tom McCarthy, C/O R.L. Bayless, P.O. Box 168, Farmington, New Mexico, 87499. Telephone No. 505-326-2659. Injection will be into the Gallup oil zone at an average depth of 779 feet, at an injection rate not expected to exceed 100 barrels of water per day at 750 psi pressure. Interested parties can file objections or requests for hearing with the Oil Conservation Division, P.O. Box 2088, Santa Fe, New Mexico, 87504-2088 within 15 days.  
(#4620).

Dance

Franciscan Lounge

Friday, Aug. 28th

Bad Habits

Saturday, Aug. 29th

Cattle Axe (#4626).

**1D. AUCTION**

Absolute auction dispersion of W.B. Quarter Circle Limousin Ranch, Monte Vista, Colorado. 1400 acres, 750+ cattle, equipment, horses, household furnishings. Sells Monday, September 7, 9:30 a.m. Opening bid \$100 acre. 2 1/2 miles south of Monte Vista on Hwy 15. Phone for brochure 1-918-250-2012. Williams & Williams Marketing.  
(#4558).

schedule. **APPL**  
**PROCESS:** Apply by ob  
returning an application  
County Schools, 401 N  
Street, Grants, New Me  
(505)287-2961. **E**  
**APPLICATION DEADLI**  
31, 1992. **CIBOLA**  
**SCHOOL DISTRICT IS**  
**OPPORTUNITY EM**  
(#4581).

Christian long-term h  
organization is seeking  
to serve as the  
Development Coord  
carrying out annual and  
raising pro  
The initial task will be t  
(major capital campaig  
fund) with assistance  
Society's regional fu  
consultant.

Candidates should  
written and verbal cor  
skills, the ability to o  
motivate volunteers  
willingness to personally  
donor prospects. Cand  
have at least two ye  
raising and/or  
experience.

Send resume, refer  
salary requirements to  
Director, Grants Good  
840 Lobo Canyon Rd.,  
87020, (505) 287-8  
Opportunity Employer.

**JOB ANNOUNCE**  
**CIBOLA COUNTY**

**and GROUNDS** is  
applications from a  
interested individua  
position of **UTILITY**  
Salary Range: \$  
\$12,500/year. Working  
a.m. to 5:30 p.m. (Mc  
**JOB RESPONS**  
Grounds maintenance  
duties, Building securit  
Special projects. Ex  
areas of building r  
(electrical, plumbing,  
will be considered in  
applicants. Cibola Cou  
physical examination  
testing upon employr  
N.M. Driver's licens  
Driving record will b  
Interested individuals r  
submitting a County a  
employment to tl  
Manager's Office locat  
High St. in Grants, N  
than 1:00 p.m.

September 4, 1992  
**COUNTY IS AI**  
**OPPORTUNITY E**  
(#4614).

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE NO. 5321  
Order No. R-4875

APPLICATION OF NORTHERN MINERALS, INC.  
FOR POOL CREATION, SPECIAL POOL RULES,  
AND AN ADMINISTRATIVE PROCEDURE FOR  
WATERFLOOD EXPANSION, MCKINLEY COUNTY,  
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on September 18, 1974, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 22nd day of October, 1974, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Northern Minerals, Inc., seeks the creation of a new oil pool for Gallup production in McKinley County, New Mexico, and the promulgation of special rules and regulations governing said pool to permit the drilling of wells therein without the requirement for the setting and cementing of surface casing.
- (3) That in its SFPRR Well No. 6Y, located 2013 feet from the North line and 2003 feet from the East line of Section 29, Township 16 North, Range 6 West, McKinley County, New Mexico, applicant has discovered a separate and common source of supply which should be designated the Miguel Creek-Gallup Oil Pool, that the vertical limits should be the Gallup formation and the horizontal limits of said pool should be the SE/4 NW/4 and the SW/4 NE/4 of said Section 29.
- (4) That the evidence presented indicates that there is currently no water-, oil-, or gas-bearing strata above the Gallup pay zone in said pool which would necessitate protection by the setting and cementing of surface casing.

(5) That the application for such special pool rules should be approved provided that the supervisor of the Commission's district office at Aztec should be authorized to require the setting and cementing of surface casing if the conditions outlined in Finding No. (4) above substantially change.

(6) That by Commission Order No. R-4649 dated November 6, 1973, applicant was authorized a pilot waterflood project being the Northern Minerals McKinley Gallup Waterflood Project in said Miguel Creek-Gallup reservoir.

(7) That the applicant seeks the establishment of administrative procedures whereby said project may be expanded by the drilling of additional injection and producing wells at orthodox and unorthodox locations and the conversion of wells to water injection through casing without tubing.

(8) That such administrative procedures should be approved in order to permit the applicant necessary flexibility to expeditiously drill wells at unorthodox locations necessitated by topographic conditions; to permit the waterflood project to be developed in the most efficient pattern; and to permit the applicant to complete injection wells without the expense of unnecessary physical equipment provided that the conditions set out in Finding No. (4) above exist relative to such wells.

(9) That the applicant should file periodic analyses of the injected waters.

(10) That Commission Order No. R-4649 should be superseded and a new order entered authorizing applicant's waterflood project in said Miguel Creek-Gallup Oil Pool.

IT IS THEREFORE ORDERED:

(1) That a new pool in McKinley County, New Mexico, classified as an oil pool for Gallup production, is hereby created and designated as the Miguel Creek-Gallup Oil Pool consisting of the following described area.

(2) That wells may be drilled and completed in said pool without surface casing.

PROVIDED HOWEVER, that the supervisor of the Commission's district office at Aztec may require the use of surface casing when, in his judgment, the use of such casing is necessary to protect water-, oil-, or gas-bearing strata.

(3) That the applicant, Northern Minerals, Inc., is hereby authorized to institute a waterflood project in the Miguel Creek-Gallup Oil Pool by the injection of water into the Gallup formation in the open-hole interval from 734 feet to 744 feet through the casing of its Santa Fe Pacific Well No. 6-Y, located 2013 feet from the North line and 2003 feet from the East line of

Section 29, Township 16 North, Range 6 West, NMPM, McKinley County, New Mexico.

PROVIDED HOWEVER, that injection pressure shall not exceed 750 psi.

(4) That the operator shall immediately notify the supervisor of the Commission's Aztec district office of the failure of the casing, in the injection well or the leakage of water or oil from or around any producing, injection, or any plugged and abandoned well within the project area and shall take such timely steps as may be necessary or required to correct such failure or leakage.

(5) That the subject waterflood project is hereby designated the Northern Minerals McKinley Gallup Waterflood Project and shall be governed by the provisions of Rule 701, 702, and 703 of the Commission Rules and Regulations.

(6) The Secretary-Director of the Commission is hereby authorized to approve such additional producing wells and injection wells at orthodox and unorthodox locations in the Northern Minerals McKinley Gallup Waterflood Project as may be necessary to complete an efficient production and injection pattern or for reasons of topography, provided said wells are drilled no closer than 330 feet to any lease line nor closer than 10 feet to any quarter-quarter section or subdivision inner boundary. To obtain such approval, the project operator shall file proper application with the Commission, which application, if it seeks authorization to convert additional wells to injection or to drill additional production or injection wells shall include the following:

(a) A plat showing the location of proposed well, all wells within the project area, and offset operators, locating wells which offset the project area.

(b) A schematic drawing of the proposed well which fully describes the casing, tubing, perforated interval, and depth.

(c) A letter stating that all offset operators, if any there be, to the proposed well have been furnished a complete copy of the application and the date of notification.

(d) If injection is to be through casing, an analysis of the water to be injected.

(e) A statement as to the existence or non-existence of water-, oil-, or gas-bearing strata above the Gallup pay zone.

The Secretary-Director may approve the proposed well if, within 20 days after receiving the application, no objection to the proposal is received. The Secretary-Director may grant immediate approval, provided waivers of objection are received

from all offset operators. The Secretary-Director may approve injection through casing without tubing in the proposed well if the waters to be injected are non-corrosive and of like quality to ground waters occurring above the Gallup pay, if any, or if there are no water-, oil-, or gas-bearing zones above the Gallup pay zone.

(7) That the operator shall file annual analyses of waters injected through casing in wells in said project upon a change of source of injected water including the reinjection of produced water.

(8) That monthly progress reports of the waterflood project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

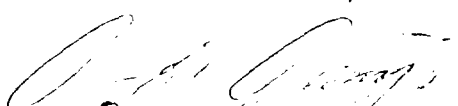
(9) That Commission Order No. R-4649 is hereby superseded.

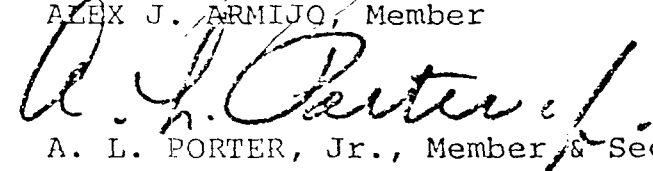
(10) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year herein-above designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

I. R. TRUJILLO, Chairman

  
ALEX J. ARMIJO, Member

  
A. L. PORTER, Jr., Member & Secretary

S E A L

jr/

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

CASE NO. 5321  
Order No. R-4875-A

APPLICATION OF NORTHERN MINERALS, INC.  
FOR POOL CREATION, SPECIAL POOL RULES,  
AND AN ADMINISTRATIVE PROCEDURE FOR  
WATERFLOOD EXPANSION, MCKINLEY COUNTY,  
NEW MEXICO.

NUNC PRO TUNC ORDER

BY THE COMMISSION:

It appearing to the Commission that Order No. R-4875,  
dated October 22, 1974, does not correctly state the intended  
order of the Commission in one particular.

IT IS THEREFORE ORDERED:

(1) That paragraph (1) on Page 2 of Order No. R-4875,  
dated October 22, 1974, is hereby corrected to read in its  
entirety as follows:

(1) That a new pool in McKinley County, New  
Mexico, classified as an oil pool for Gallup production,  
is hereby created and designated as the Miguel Creek-  
Gallup Oil Pool consisting of the following described area:

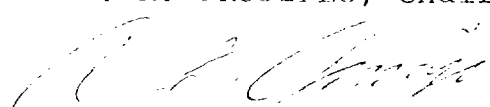
TOWNSHIP 16 NORTH, RANGE 6 WEST, NMPM  
Section 29: SE/4 NW/4 and SW/4 NE/4

(2) That this order shall be effective nunc pro tunc as  
of October 22, 1974.

DONE at Santa Fe, New Mexico, this 29th day of October,  
1974.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

I. R. TRUJILLO, Chairman

  
ALEX J. ARMIJO, Member

  
A. L. PORTER, Jr., Member & Secretary

S E A L  
jr/



STATE OF NEW MEXICO  
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

OIL CONSERVATION DIVISION  
'92 AUG 17 PM 8 45

1000 RIO BRAZOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-6178

Date: 8/18/92

Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87504-2088

RE: Proposed MC \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed WFX ☒ \_\_\_\_\_  
Proposed NSP \_\_\_\_\_

Proposed DHC \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed PMX \_\_\_\_\_  
Proposed DD \_\_\_\_\_

Gentlemen:

I have examined the application received on 8/17/92  
for the ROBERT L. BAYLESS SFPRR #24, 26, 39, 41, 51, 52 and 53  
OPERATOR LEASE & WELL NO.

IGN-LW and my recommendations are as follows:  
UL-S-T-R

APPROVED

Yours truly,

Suzanne Fairhurst