

Submit to Appropriate  
District Office  
State Leases - 6 copies  
Fee Leases - 5 copies  
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

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

Form C-105  
Revised 1-1-89

OK  
BLM  
BdM  
SLH

SEP 27 1993

WELL API NO.  
30-005-62980

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
VA-831

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐  
b. Type of Completion:  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESER. ☐ OTHER ☐

7. Lease Name or Unit Agreement Name

8. Well No.

1

9. Pool name or Wildcat

Wildcat Duran

2. Name of Operator  
HANAGAN PETROLEUM CORPORATION

3. Address of Operator  
P.O. Box 1737 - Roswell, NM 88202

4. Well Location  
Unit Letter G : 1910 Feet From The North Line and 2015 Feet From The East Line  
Section 7 Township 13 South Range 28 East NMPM Chaves County

10. Date Spudded 8/20/93 11. Date T.D. Reached 9/15/93 12. Date Compl. (Ready to Prod.) 9/21/93 13. Elevations (DFA, RKB, RT, GR, etc.) 3657 KB 14. Elev. Casinghead 3645

15. Total Depth 7956' 16. Plug Back T.D. 7956' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools 0-7956' Cable Tools N/A

19. Producing Interval(s), of this completion - Top, Bottom, Name 7931-7956' Siluro-Devonian 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run GR-Neu-Den-DLL-MSFL - Sonic 22. 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 |
|-------------|----------------|-----------|-----------|-----------------------|---------------|
| 13 3/8"     | 54#            | 312'      | 17 1/2"   | 280 sx.-Circ.100 sx.  | 0             |
| 8 5/8"      | 24#/ft         | 1540'     | 12 1/4"   | 1450 sx.-Circ.180 sx. | 0             |
| 5 1/2"      | 15.50/17#/ft   | 7956'     | 7 7/8"    | 250 sx.               | 0             |

| 24. LINER RECORD |     |        |              |        | 25. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|                  |     |        |              |        | 2 7/8"            | 7920'     | 7877'      |

| 26. Perforation record (interval, size, and number) |  | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                               |
|-----------------------------------------------------|--|-------------------------------------------------|-------------------------------|
| Open Hole: 7931-7956                                |  | DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED |
|                                                     |  | 7931-7956                                       | Natural                       |

PRODUCTION

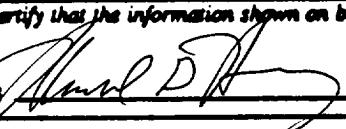
|                       |                 |                                                                     |                        |            |              |                             |                                |  |
|-----------------------|-----------------|---------------------------------------------------------------------|------------------------|------------|--------------|-----------------------------|--------------------------------|--|
| Date First Production |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                        |            |              |                             | Well Status (Prod. or Shut-in) |  |
| 9/21/93               |                 | Flowing                                                             |                        |            |              |                             | Producing                      |  |
| Date of Test          | Hours Tested    | Choke Size                                                          | Prod'n For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.                | Gas - Oil Ratio                |  |
| 9/25/93               | 26'             | 16/64                                                               |                        | 360        | 13           | 0                           | 36:1                           |  |
| Flow Tubing Press.    | Casing Pressure | Calculated 24-Hour Rate                                             | Oil - Bbl.             | Gas - MCF  | Water - Bbl. | Oil Gravity - API - (Corr.) |                                |  |
| 82#                   | 0               |                                                                     | 332                    | 13         | 0            | 49                          |                                |  |

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented Test Witnessed By Mike Hanagan

30. List Attachments  
Electric Log, Deviation Survey

31. 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

Signature



Printed Name

Michael G. Hanagan Title Vice Pres.

Date 9/27/93

## 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 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 25 through 29 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. Salt            | _____ |
| B. Salt            | _____ |
| T. Yates           | 258   |
| T. 7 Rivers        | 386   |
| T. Queen           | 954   |
| T. Grayburg        | _____ |
| T. San Andres      | 1526  |
| T. Glorieta        | 2864  |
| T. Paddock         | _____ |
| T. Blinebry        | _____ |
| T. Tubb            | 4278  |
| T. Drinkard        | _____ |
| T. Abo             | 5062  |
| T. Wolfcamp        | 5984  |
| T. Penn            | 6703  |
| T. Cisco (Bough C) | _____ |

|                  |       |
|------------------|-------|
| T. Canyon        | _____ |
| T. Strawn        | _____ |
| T. Atoka         | 7272  |
| T. Miss          | 7354  |
| T. Devonian      | 7935  |
| T. Silurian      | _____ |
| T. Montoya       | _____ |
| T. Simpson       | _____ |
| T. McKee         | _____ |
| T. Ellenburger   | _____ |
| T. Gr. Wash      | _____ |
| T. Delaware Sand | _____ |
| T. Bone Springs  | _____ |
| T.               | _____ |
| T.               | _____ |
| T.               | _____ |
| T.               | _____ |

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

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

**OIL OR GAS SANDS OR ZONES**

No. 1, from.....7937.....to.....7956.....  
No. 2, 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.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To | Thickness<br>in Feet | Lithology                                                                                                                                                           | From | To   | Thickness<br>in Feet | Lithology |
|------|----|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|----------------------|-----------|
|      |    |                      | DST #1: (San Andres)<br>Recovered 15' Drlg. mud<br>15" IFP 24#-36#<br>60" ISIP 60#<br>30" FFP 36#-40#<br>120" FSIP 48#<br>IHP - 941# FHP 941                        | 1915 | 2108 |                      |           |
|      |    |                      | DST #2 (Siluro-Devonian)<br>Recovered 6064' oil<br>Sampler: 2000cc oil (49°)<br>30" IFP-246#-965#<br>60" ISIP - 3265<br>60" FFP - 903# - 2091#<br>120" FSIP = 3286# | 7937 | 7956 |                      |           |

Hanagan Petroleum  
Charlie #1  
Chaves County, NM

STATE OF NEW MEXICO  
DEVIATION REPORT

|       |     |
|-------|-----|
| 312   | 3/4 |
| 543   | 1/4 |
| 777   | 1/4 |
| 1,277 | 0   |
| 1,764 | 1/4 |
| 2,603 | 1/2 |
| 3,090 | 1   |
| 3,583 | 1/4 |
| 4,084 | 0   |
| 4,553 | 1/4 |
| 5,050 | 1/2 |
| 5,550 | 1/2 |
| 5,878 | 3/4 |
| 6,356 | 1/2 |
| 6,852 | 1/2 |
| 7,352 | 1/2 |
| 7,490 | 1/2 |
| 7,956 | 1/2 |

RECEIVED

SEP 27 1993

O. C. D.

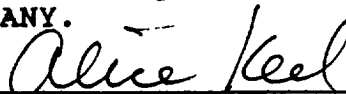


By: Ray Peterson

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me  
this 16th day of September, 1993, by RAY PETERSON  
on behalf of PETERSON DRILLING COMPANY.



Notary Public for Midland  
County, Texas

My Commission Expires: 8/2/96



ALICE KEEL  
Notary Public  
State of Texas  
Commission Expires 8-2-96