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Plugged back from East Grama lge /Morrow/

Form C-105  
Revised 11-84

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

|                              |                                               |
|------------------------------|-----------------------------------------------|
| 5a. Indicate Type of Lease   | State <input checked="" type="checkbox"/> Fee |
| 5. State Oil & Gas Lease No. | LG-4135                                       |

|                  |                                                                                                                                                                                                                                                                                                                                                                       |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1a. TYPE OF WELL | 1b. TYPE OF COMPLETION                                                                                                                                                                                                                                                                                                                                                |
|                  | OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/><br>NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/> |

|                        |  |
|------------------------|--|
| 7. Unit Agreement Name |  |
|------------------------|--|

|                       |                   |
|-----------------------|-------------------|
| 8. Farm or Lease Name | San Simon 5 State |
|-----------------------|-------------------|

|             |   |
|-------------|---|
| 9. Well No. | 2 |
|-------------|---|

|                                |                      |
|--------------------------------|----------------------|
| 10. Field and Pool, or Wildcat | San Simon /Wolfcamp/ |
|--------------------------------|----------------------|

|                        |                                      |
|------------------------|--------------------------------------|
| 2. Name of Operator    | HNG OIL COMPANY                      |
| 3. Address of Operator | P. O. Box 2267, Midland, Texas 79702 |

|                     |                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4. Location of Well | UNIT LETTER <u>G</u> LOCATED <u>1980</u> FEET FROM THE <u>north</u> LINE AND <u>1980</u> FEET FROM THE <u>east</u> LINE OF SEC. <u>5</u> TWP. <u>22S</u> RGE. <u>35E</u> |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |          |                       |         |                                  |                     |                                        |            |
|------------------|----------|-----------------------|---------|----------------------------------|---------------------|----------------------------------------|------------|
| 15. Date Spudded | 11-26-83 | 16. Date T.D. Reached | 1-14-84 | 17. Date Compl. (Ready to Prod.) | Plugged back 5/6/86 | 18. Elevations (DF, RAB, RT, GR, etc.) | 3621.2' GR |
|------------------|----------|-----------------------|---------|----------------------------------|---------------------|----------------------------------------|------------|

|            |     |
|------------|-----|
| 11. County | Lea |
|------------|-----|

|                 |        |                    |        |                                  |  |                          |                                                                                       |
|-----------------|--------|--------------------|--------|----------------------------------|--|--------------------------|---------------------------------------------------------------------------------------|
| 20. Total Depth | 13,250 | 21. Plug Back T.D. | 12,500 | 22. If Multiple Compl., How Many |  | 23. Intervals Drilled By | Rotary Tools <input checked="" type="checkbox"/> Cable Tools <input type="checkbox"/> |
|-----------------|--------|--------------------|--------|----------------------------------|--|--------------------------|---------------------------------------------------------------------------------------|

|                      |         |
|----------------------|---------|
| 19. Elev. Casinghead | 3621.2' |
|----------------------|---------|

|                                                                   |                           |
|-------------------------------------------------------------------|---------------------------|
| 24. Producing Interval(s), of this completion - Top, Bottom, Name | 11,073- 11,142 (Wolfcamp) |
|-------------------------------------------------------------------|---------------------------|

|                                 |    |
|---------------------------------|----|
| 25. Was Directional Survey Made | No |
|---------------------------------|----|

|                                      |      |
|--------------------------------------|------|
| 26. Type Electric and Other Logs Run | None |
|--------------------------------------|------|

|                    |    |
|--------------------|----|
| 27. Was Well Cored | No |
|--------------------|----|

| CASING RECORD (Report all strings set in well) |                |           |           |
|------------------------------------------------|----------------|-----------|-----------|
| CASING SIZE                                    | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE |
| 13-3/8"                                        | 61#            | 1075'     | 17-1/2"   |
| 9-5/8"                                         | 36# & 40#      | 5750'     | 12-1/4"   |
| 7"                                             | 23#            | 10975'    | 8-1/2"    |

| CEMENTING RECORD         |  | AMOUNT FULLED |
|--------------------------|--|---------------|
| 965 sx. C1 C             |  | Circulated    |
| 1975 sx. HLC & 1375 C1 C |  | Circulated    |
| 350 sx. HLC & 350 C1 H   |  |               |

| LINER RECORD |        |        |              |
|--------------|--------|--------|--------------|
| SIZE         | TOP    | BOTTOM | SACKS CEMENT |
| 4-1/2"       | 10688' | 13247' | 475 C1H      |

| TUBING RECORD |           |            |
|---------------|-----------|------------|
| SIZE          | DEPTH SET | PACKER SET |
| 2-3/8"        | 10,727'   | 10,727'    |
|               |           | MWL ISA    |

|                                                    |                                                                   |
|----------------------------------------------------|-------------------------------------------------------------------|
| 31. Perforation Record (Interval, size and number) | 12758 to 12946 (.25" 12) <i>Agid.</i><br>11073 to 11142 (.30" 16) |
|----------------------------------------------------|-------------------------------------------------------------------|

| ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                                               |
|--------------------------------------------|---------------------------------------------------------------|
| DEPTH INTERVAL                             | AMOUNT AND KIND MATERIAL USED                                 |
| 12758-12946                                | sq. w/50 sx. C1 H mixed at 15.6 ppg - Tested plug to 6000 psi |
| 11073-11142                                | 4000 gals 15% spearhead acid w/500 SCF N2/bbl.                |

|                           |        |                                                                     |         |
|---------------------------|--------|---------------------------------------------------------------------|---------|
| 33. Date First Production | 5/8/86 | Production Method (Flowing, gas lift, pumping - Size and type pump) | Flowing |
|---------------------------|--------|---------------------------------------------------------------------|---------|

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

|              |        |              |    |            |        |                         |                |               |                |                 |      |
|--------------|--------|--------------|----|------------|--------|-------------------------|----------------|---------------|----------------|-----------------|------|
| Date of Test | 5/9/86 | Hours Tested | 24 | Choke Size | 12/64" | Prod'n. for Test Period | Oil - bbl. 130 | Gas - MCF 619 | Water - bbl. 0 | Gas - Oil Ratio | 4762 |
|--------------|--------|--------------|----|------------|--------|-------------------------|----------------|---------------|----------------|-----------------|------|

|                           |      |
|---------------------------|------|
| Oil Gravity - API (Corr.) | 40.0 |
|---------------------------|------|

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

|                         |            |
|-------------------------|------------|
| 35. List of Attachments | Form C-104 |
|-------------------------|------------|

|                   |  |
|-------------------|--|
| Test Witnessed By |  |
|-------------------|--|

|                                                                                                                                         |                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 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 <i>Betty Gildon</i> Betty Gildon TITLE <u>Regulatory Analyst</u> DATE <u>5/13/86</u> |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|

deepest well. It shall be decommissioned not later than 20 days after the completion of any newly-drilled well, including drill stem tests. This report shall be measured depths. In the case of directly drilled wells, true vertical depths 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 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 1075           | T. Canyon                 | T. Ojo Alamo          | T. Penn. "D"      |
| T. Salt 2820           | T. Strawn                 | T. Kirtland-Fruitland | T. Penn. "C"      |
| T. Salt 3911           | T. Atoka 11984            | T. Pictured Cliffs    | T. Penn. "B"      |
| T. Yates               | T. Atoka Lime 12130       | T. Cliff House        | T. Leadville      |
| T. 7 Rivers            | T. Morrow Lime 12640      | T. Menefee            | T. Madison        |
| T. Queen               | T. Morrow Clastics 12810  | 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                  | T. Base Greenhorn     | T. Granite        |
| T. Paddock             | T. Ellenburger            | T. Dakota             |                   |
| T. Blinberry           | T. Gr. Wash               | T. Morrison           |                   |
| T. Tubb                | T. Granite                | T. Todilto            |                   |
| T. Drinkard            | T. Delaware Sand          | T. Entrada            |                   |
| T. Leonard 7930        | T. Bone Springs Lime 8003 | T. Wingate            |                   |
| T. Wolfcamp 10964      | T. 1st B.S. Sd 9296       | T. Chinle             |                   |
| T. Wolfcamp Reef 11060 | T. 2nd B.S. Sd 9900       | T. Permian            |                   |
| T. Penn. 11426         | T. 3rd B.S. Sd 10656      | T. Penn. "A"          |                   |
| T. Gisco (Dough Cr.)   |                           |                       |                   |
| T. Penn Strawn 11582   |                           |                       |                   |

No. 1, from 12758 to 12946 OIL OR GAS SANDS OR ZONES (Morrow)

No. 2, from to

No. 3, from to

No. 4, from to

No. 5, from to

No. 6, from to

IMPORTANT WATER SANDS

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

No. 1, from None 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 |
|-------|-------|----------------------|--------------------|------|----|----------------------|-----------|
| 1075  | 1075  |                      | Redbeds, Shale     |      |    |                      |           |
| 1075  | 1669  | 594                  | Anhy               |      |    |                      |           |
| 1669  | 3911  | 2242                 | Shale, Anhy, Salt  |      |    |                      |           |
| 3911  | 4560  | 649                  | Dolo, Shale, Anhy  |      |    |                      |           |
| 4560  | 5838  | 1278                 | Lime, Dolo         |      |    |                      |           |
| 5838  | 6877  | 1039                 | Lime, Sand         |      |    |                      |           |
| 6877  | 7912  | 1035                 | Dolo, Lime, Sand   |      |    |                      |           |
| 7912  | 11142 | 3230                 | Sand, Shale, Lime  |      |    |                      |           |
| 11142 | 11857 | 715                  | 100% Lime          |      |    |                      |           |
| 11857 | 12241 | 384                  | Lime, Chert, Shale |      |    |                      |           |
| 12241 | 13250 | 1009                 | Lime, Shale, Sand  |      |    |                      |           |

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