

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                   |  |
| U.S.O.S.               |  |
| LAND OFFICE            |  |
| OPERATOR               |  |

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

|                                              |                                    |                                    |                                              |
|----------------------------------------------|------------------------------------|------------------------------------|----------------------------------------------|
| 10. TYPE OF WELL <i>Beam</i>                 |                                    | RECEIVED                           |                                              |
| b. TYPE OF COMPLETION                        |                                    | MAY - 4 1982                       |                                              |
| NEW WELL <input checked="" type="checkbox"/> | WORK OVER <input type="checkbox"/> | OIL WELL <input type="checkbox"/>  | GAS WELL <input checked="" type="checkbox"/> |
|                                              | DEEPEN <input type="checkbox"/>    | PLUG BACK <input type="checkbox"/> | DIFF. RESVR. <input type="checkbox"/>        |
|                                              |                                    | OTHER <input type="checkbox"/>     |                                              |

|                                |
|--------------------------------|
| 7. Unit Agreement Name         |
| 8. Farm or Lease Name          |
| Sacra SA                       |
| 9. Well No.                    |
| 2                              |
| 10. Field and Pool, or Wildcat |
| Pecos Slope Abo                |

|                                      |                 |
|--------------------------------------|-----------------|
| 2. Name of Operator                  | O. C. D.        |
| 3. Address of Operator               | ARTESIA, OFFICE |
| 207 South 4th St., Artesia, NM 88210 |                 |

|                                                                            |                                                                             |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 4. Location of Well                                                        |                                                                             |
| UNIT LETTER <u>P</u>                                                       | LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM |
| THE <u>East</u> LINE OF SEC. <u>23</u> TWP. <u>6S</u> RGE. <u>25E</u> NMPM |                                                                             |

|            |
|------------|
| 12. County |
| Chaves     |

|                  |                       |                                  |                                        |                      |
|------------------|-----------------------|----------------------------------|----------------------------------------|----------------------|
| 15. Date Spudded | 16. Date T.D. Reached | 17. Date Compl. (Ready to Prod.) | 18. Elevations (DF, RKB, RT, GR, etc.) | 19. Elev. Casinghead |
| 4-3-82           | 4-16-82               | 4-30-82                          | 3776.3' GR                             |                      |
| 20. Total Depth  | 21. Plug Back T.D.    | 22. If Multiple Compl., How Many | 23. Intervals Drilled By               | Rotary Tools         |
| 4154'            | 4085'                 |                                  |                                        | 0-4154'              |

|                                                                   |                                 |
|-------------------------------------------------------------------|---------------------------------|
| 24. Producing Interval(s), of this completion - Top, Bottom, Name | 25. Was Directional Survey Made |
| 3718-3994' Abo                                                    | No                              |

|                                      |                    |
|--------------------------------------|--------------------|
| 26. Type Electric and Other Logs Run | 27. Was Well Cored |
| CNL/FDC; DLL                         | No                 |

|                                                    |                |           |           |                  |               |
|----------------------------------------------------|----------------|-----------|-----------|------------------|---------------|
| 28. CASING RECORD (Report all strings set in well) |                |           |           |                  |               |
| CASING SIZE                                        | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 20"                                                |                | 40'       | 24"       |                  |               |
| 10-3/4"                                            | 40.5#          | 880'      | 14-3/4"   | 1000             |               |
| 8-5/8"                                             | 24#            | 1625'     | 9-7/8"    | 400              |               |
| 4-1/2"                                             | 9.5#           | 4154'     | 7-7/8"    | 400              |               |

|                  |     |        |              |        |                   |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| 29. LINER RECORD |     |        |              |        | 30. TUBING RECORD |           |            |
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|                  |     |        |              |        | 2-3/8"            | 3670'     | 3672'      |

|                                                    |                                                |                                                                              |
|----------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------|
| 31. Perforation Record (Interval, size and number) | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                                                              |
| 3718-3994' w/33 .50" holes                         | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED                                                |
|                                                    | 3718-3994'                                     | w/4000 g. 7-1/2% acid, 40 bal sealers. SF w/80000 g. KCL w 160000# 20/40 sd. |

|                       |                 |                                                                     |                         |            |              |                                |                 |
|-----------------------|-----------------|---------------------------------------------------------------------|-------------------------|------------|--------------|--------------------------------|-----------------|
| 33. PRODUCTION        |                 |                                                                     |                         |            |              |                                |                 |
| Date First Production |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |            |              | Well Status (Prod. or Shut-in) |                 |
| 4-30-82               |                 | Flowing                                                             |                         |            |              | SIWOPLC                        |                 |
| Date of Test          | Hours Tested    | Choke Size                                                          | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.                   | Gas - Oil Ratio |
| 4-30-82               | 2               | 1/2"                                                                |                         | -          | 216          | -                              | -               |
| Flow Tubing Press.    | Casing Pressure | Calculated 24-Hour Rate                                             | Oil - Bbl.              | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.)      |                 |
| 400                   | Packer          |                                                                     | -                       | 2586       | -            | -                              |                 |

|                                                            |                   |
|------------------------------------------------------------|-------------------|
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.) | Test Witnessed By |
| Vented - Will be sold                                      | Bill Hansen       |

|                         |
|-------------------------|
| 35. List of Attachments |
| Deviation Survey        |

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>Alma L. Rodden</i> | TITLE Engineering Secretary | DATE 5-3-82 |
|------------------------------|-----------------------------|-------------|

## 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 20 through 34 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 1105.

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

## Southeastern New Mexico

## 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 _____ 557  | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzite _____ |
| T. Glorieta _____ 1597   | T. McKee _____         | Base Greenhorn _____        | T. Granite _____        |
| T. Fullerton _____ 3010  | T. Ellenburger _____   | T. Dakota _____             | T. _____                |
| T. Blinchry _____        | T. Gr. Wash _____      | T. Morrison _____           | T. _____                |
| T. Tubb _____            | T. Granite _____       | T. Todilto _____            | T. _____                |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Entrada _____            | T. _____                |
| T. Abo _____ 3667        | 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    | 990  | 990                  | Surface, Rock, Redbeds |      |    |                      |           |
| 990  | 2072 | 1082                 | Anhydrite, Salt        |      |    |                      |           |
| 2072 | 3520 | 1448                 | Anhydrite              |      |    |                      |           |
| 3520 | 3838 | 318                  | Anhydrite, Shale       |      |    |                      |           |
| 3838 | 4154 | 316                  | Shale                  |      |    |                      |           |

# STEWART BROTHERS DRILLING CO. - DRIFT RECORD

Client:

VATES PETROLEUM CORP

Well #:

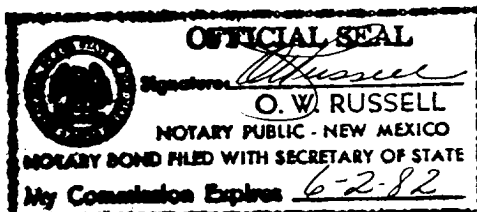
SACRA SA # 2  
23-6-25

| Depth Ft. | Incl. | Date    | Comment                     | Driller     |
|-----------|-------|---------|-----------------------------|-------------|
| 500       | 1/4   | 4-4-82  | RECEIVED                    | P. BACA     |
| 1000      | 1/2   | 4-6-82  | MAY - 4 1982                | P. BACA     |
| 1500      | 1     | 4-7-82  | O. C. D.<br>ARTESIA, OFFICE | M. JUAREZ   |
| 2000      | 1 1/4 | 4-8-82  |                             | P. BACA     |
| 2500      | 1     | 4-9-82  |                             | M. ASHWORTH |
| 3000      | 1 1/4 | 4-11-82 |                             | P. BACA     |
| 3500      | 1 1/4 | 4-12-82 |                             | M. ASHWORTH |
| 4000      | 1 1/2 | 4-13-82 |                             | M. JUAREZ   |
| 4140      | 1 1/2 | 4-15-82 |                             | M. ASHWORTH |
|           |       |         |                             |             |
|           |       |         |                             |             |
|           |       |         |                             |             |
|           |       |         |                             |             |
|           |       |         |                             |             |
|           |       |         |                             |             |
|           |       |         |                             |             |
|           |       |         |                             |             |
|           |       |         |                             |             |
|           |       |         |                             |             |

## CERTIFICATION

Stephen M. Stewart 4/26/82  
Pusher Date

Appeared before me this date to  
certify and affirm the above to  
be a true and accurate record.



Notary