

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 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

Form C-105  
Revised 1-1-89

OIL CONSERVATION DIVISION

Santa Fe, New Mexico 87504-2088

MAR 27 1991

|                              |                                                                        |
|------------------------------|------------------------------------------------------------------------|
| WELL API NO.                 | 30-045-28069                                                           |
| 5. Indicate Type of Lease    | STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 6. State Oil & Gas Lease No. |                                                                        |

|                                      |                         |
|--------------------------------------|-------------------------|
| 7. Lease Name or Unit Agreement Name | Gallegos Canyon Unit    |
| 8. Well No.                          | 514                     |
| 9. Pool name or Wildcat              | W. Kutz Pictured Cliffs |

WELL COMPLETION OR RECOMPLETION RECORD  
DIST. 3

|                        |                                                                                                                                                                                                                       |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1a. Type of Well:      | OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                            |
| b. Type of Completion: | NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER <input type="checkbox"/> |

|                        |                                                   |
|------------------------|---------------------------------------------------|
| 2. Name of Operator    | BHP Petroleum (Americas) Inc.                     |
| 3. Address of Operator | 5847 San Felipe, Suite 3600, Houston, Texas 77057 |

|                  |                                                                               |
|------------------|-------------------------------------------------------------------------------|
| 4. Well Location | Unit Letter 0 : 880 Feet From The South Line and 2415 Feet From The East Line |
|                  | Section 34 Township 29N Range 12W NMPM San Juan County                        |

|                  |          |                       |          |                                  |         |                                         |          |                      |          |
|------------------|----------|-----------------------|----------|----------------------------------|---------|-----------------------------------------|----------|----------------------|----------|
| 10. Date Spudded | 10/12/90 | 11. Date T.D. Reached | 10/15/90 | 12. Date Compl. (Ready to Prod.) | 12/7/90 | 13. Elevations (DF & RKB, RT, GR, etc.) | 5426' GR | 14. Elev. Casinghead | 5426' GR |
|------------------|----------|-----------------------|----------|----------------------------------|---------|-----------------------------------------|----------|----------------------|----------|

|                 |       |                    |       |                                        |     |                          |                                   |
|-----------------|-------|--------------------|-------|----------------------------------------|-----|--------------------------|-----------------------------------|
| 15. Total Depth | 1500' | 16. Plug Back T.D. | 1446' | 17. If Multiple Compl. How Many Zones? | N/A | 18. Intervals Drilled By | Rotary Tools 0-TD Cable Tools -0- |
|-----------------|-------|--------------------|-------|----------------------------------------|-----|--------------------------|-----------------------------------|

|                                                                   |                               |                                 |     |
|-------------------------------------------------------------------|-------------------------------|---------------------------------|-----|
| 19. Producing Interval(s), of this completion - Top, Bottom, Name | Pictured Cliffs 1352' - 1364' | 20. Was Directional Survey Made | Yes |
|-------------------------------------------------------------------|-------------------------------|---------------------------------|-----|

|                                      |                                 |                    |    |
|--------------------------------------|---------------------------------|--------------------|----|
| 21. Type Electric and Other Logs Run | FDC/CNL/GR/DIL/HRL and Coal Log | 22. Was Well Cored | NO |
|--------------------------------------|---------------------------------|--------------------|----|

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

| CASING SIZE | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD            | AMOUNT PULLED |
|-------------|---------------|-----------|-----------|-----------------------------|---------------|
| 7"          | 23#           | 135' KB   | 8-3/4"    | 125 sxs (144 cu ft)         | -0-           |
|             |               |           |           | "B" + additive              |               |
| 4-1/2"      | 10.5#         | 1483' KB  | 6-1/4"    | 200 sxs (252 cu ft)         | -0-           |
|             |               |           |           | 50/50 POZ 25 sxs (29 cu ft) |               |
|             |               |           |           | "B" + additive              |               |

| 24. LINER RECORD |     |        |              |        | 25. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
| N/A              |     |        |              |        | 2-3/8"            | 1397' KB  | N/A        |

|                                                     |                                                                        |
|-----------------------------------------------------|------------------------------------------------------------------------|
| 26. Perforation record (interval, size, and number) | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.                        |
| 1352' - 1364' @ JSPF (48 holes @ .39" dia)          | DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED                           |
|                                                     | 1352'-1364' Frac w/24M Gals 70 Q N2 foam and 53,000# 20/40 brady sand. |

28. PRODUCTION

|                       |          |                                                                     |         |                                |      |                        |     |            |     |              |    |                             |     |                 |     |
|-----------------------|----------|---------------------------------------------------------------------|---------|--------------------------------|------|------------------------|-----|------------|-----|--------------|----|-----------------------------|-----|-----------------|-----|
| Date First Production | WOPLC    | Production Method (Flowing, gas lift, pumping - Size and type pump) | flowing | Well Status (Prod. or Shut-in) | SI   |                        |     |            |     |              |    |                             |     |                 |     |
| Date of Test          | 12-22-90 | Hours Tested                                                        | 24      | Choke Size                     | 3/8" | Prod'n For Test Period | N/A | Oil - Bbl. | N/A | Gas - MCF    | 91 | Water - Bbl.                | 93  | Gas - Oil Ratio | N/A |
| Flow Tubing Press.    | 100 psi  | Casing Pressure                                                     | 170 psi | Calculated 24-Hour Rate        | N/A  | Oil - Bbl.             | N/A | Gas - MCF  | 91  | Water - Bbl. | 93 | Oil Gravity - API - (Corr.) | N/A |                 |     |

|                                                            |         |                   |             |
|------------------------------------------------------------|---------|-------------------|-------------|
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.) | Venting | Test Witnessed By | Fred Lowery |
|------------------------------------------------------------|---------|-------------------|-------------|

|                      |  |
|----------------------|--|
| 30. List Attachments |  |
|----------------------|--|

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 | Beverly Comer | Printed Name | Beverly Comer | Title | Production Tech | Date | 3/20/91 |
|-----------|---------------|--------------|---------------|-------|-----------------|------|---------|

## 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. Canyon _____        | T. Ojo Alamo <u>113'</u>          | T. Penn. "B" _____     |
| T. Salt _____            | T. Strawn _____        | T. Kirtland-Fruitland <u>248'</u> | T. Penn. "C" _____     |
| B. Salt _____            | T. Atoka _____         | T. Pictured Cliffs <u>1355'</u>   | 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 Otzte _____ |
| 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. Delaware Sand _____ | T. Todilto _____                  | T. _____               |
| T. Drinkard _____        | T. Bone Springs _____  | T. Entrada _____                  | T. _____               |
| T. Abo _____             | T. _____               | 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 1339.25' to 1350.25' No. 3, from ..... to .....  
 No. 2, from 1352' to 1364' 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           |
|------|----|----------------------|---------------------|
|      |    |                      | No DST's were taken |