Form 3160-4 (August 1999)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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|  |                                      |   | 2010.10            |   |            |                      |              | · - A · -                |                |                                      | 7   | ` \                                      |   |                      |          |                 |   |    |
|--|--------------------------------------|---|--------------------|---|------------|----------------------|--------------|--------------------------|----------------|--------------------------------------|---|--|---|----------------------|----------|-----------------|---|----|
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG   |                                      |   |                    |   |            |                      |              |                          |                |                                      | 5.  | 5. Lease Serial No.<br>NMNM012735        |   |                      |          |                 |   |    |
| la. Type of Well ☐ Oil Well ☑ Gas Well ☐ Dry ☐ Other  b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. |                                      |   |                    |   |            |                      |              |                          | 6.             | 6. If Indian, Allottee or Tribe Name |   |  |   |                      |          |                 |   |    |
| b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr. Other   |                                      |   |                    |   |            |                      |              |                          |                | 7.                                   | 7. Unit or CA Agreement Name and No. NMNM78421A |  |   |                      |          |                 |   |    |
| 2. Name of PHILLIF   | Operator<br>PS PETROL                | EUM CO  | MPANY              |   | Cor        | tact: PA             |              |                          |                | ON<br>pco.com                        | 1   | _  | 8.  | Lease Nan<br>SAN JUA |          |                 |   |    |
| 3. Address   | 5525 HIGH<br>FARMING                 |   | NBU 3004           |   | -          |                      |              | Phone: 505.              |                | . (include                           | area co   | de)                                      | 9.  | API Well             |          | 39-26           | 481-00-S2                                 |    |
| 4. Location  | of Well (Rep                         |   |                    | d in accor  | rdance v   | vith Fede            |              |                          |                |                                      |   |  | 10.   | Field and            |          |                 |   |    |
| At surface SWSW 1300FSL 840FWL   |                                      |   |                    |   |            |                      |              |                          |                |                                      |   | 11.                                      | BLANCO MESAVERDE  11. Sec., T., R., M., or Block and Survey |                      |          |                 |   |    |
| At top prod interval reported below  |                                      |   |                    |   |            |                      |              |                          |                |                                      |   |  |   | or Area              | Sec 6 T  | 30N R           | 6W Mer N<br>3. State                      | MP |
| At total   | depth                                |   |                    |   |            |                      |              |                          |                |                                      |   |  |   | County o             | RIBA     |                 | NM  |    |
| 14. Date Sp<br>08/20/2   |                                      |   |                    | te T.D. Reached 10/2001  16. Date Completed □ D & A ■ Ready to Prod. 08/13/2002 |            |                      |              |                          |                |                                      | 17.   | 17. Elevations (DF, KB, RT, GL)* 6308 GL |   |                      |          |                 |   |    |
| 18. Total D  | epth:                                | MD<br>TVD                                       | 7838<br>7838       |   |            |                      |              | :: MD 6200<br>TVD 6200   |                |                                      |   |  | Depth Bridge Plug Set: MD 6200<br>TVD 6200                  |                      |          |                 |   |    |
| 21. Type E<br>GR GS  | lectric & Oth                        | er Mechar                                       | ical Logs Ru       | ın (Subm  | it copy    | of each)             |              |                          |                |                                      | W   | as well o                                | un?   | No No No No          | Y∈       | es (Sub         | mit analysi<br>mit analysi<br>mit analysi | s) |
| 23. Casing ar  | nd Liner Reco                        | ord (Repo                                       | rt all strings     | set in we   | ll)        |                      |              |                          |                |                                      |   |  |   |                      |          | <u> </u>        |   |    |
| Hole Size  | e Size/Grade W                       |   | Wt. (#/ft.)        | Top<br>(MD)   | • 1 •      |                      |              | Stage Cemer<br>Depth     |                |                                      | of Sks. &<br>of Cement                          |  | ırry Vol<br>(BBL)   | Ceme                 | nt Top*  | t Top* Amount I |   |    |
|  | 12.250 9.625 H-40                    |   |                    |   | 0          | 348                  |              | 0057                     |                |                                      |   | 20<br>85                                 |   |                      |          |                 |   |    |
| 8.750<br>6.250   | 8.750 7.000 J-55<br>6.250 4.500 I-80 |   |                    |   | 0          |                      |              | 2857                     |                |                                      | 48<br>34  |  |   |                      | +        |                 |   | 2  |
| 0.230  |                                      |   | 12.0               |   |            |                      |              |                          |                |                                      |   |  |   |                      |          | _               |   |    |
|  |                                      |   |                    |   |            |                      | _            |                          |                | -                                    |   | -  |   | +                    |          | -               |   |    |
| 24. Tubing   | Record                               |   | -                  |   |            | <del></del>          | <u> </u>     |                          |                |                                      |   |  | -   |                      |          |                 |   |    |
| Size   |                                      | Depth Set (MD) Packer Depth (MD) Size Depth Set |                    |   |            | h Set (              | MD)          | ) Packer Depth (MD) Size |                |                                      |   | ze                                       | Depth Set (MD) F  |                      |          | er Depth (M     | 1D)                                       |    |
| 26 Brodusi   | na Intervals                         |   |                    |   |            | 26                   | Perfo        | ration l                 | Reco           | ord                                  | _   |  |   |                      |          |                 |   |    |
|  | ng Intervals<br>ormation             | -T  | Тор                |   | Bottom     | _                    |              |                          |                | Interval                             |   | Si                                       | ze  | No. Hole             | es       | Pe              | rf. Status                                |    |
| A)   | MESAVE                               | RDE   |                    | 4945 5630   |            |                      | 4945 TO 5630 |                          |                |                                      |   |  | 0.340   | 0 20 OPEN            |          |                 |   |    |
| B)   |                                      |   |                    |   |            |                      |              |                          |                |                                      |   |  |   |                      |          |                 |   |    |
| C)   |                                      |   |                    |   |            |                      |              |                          |                |                                      | _   | <b>├</b>                                 |   |                      |          |                 |   |    |
| D)   |                                      |   |                    | Et  |            |                      |              |                          |                |                                      |   | <u> </u>                                 |   |                      |          |                 |   |    |
|  | racture, Treat                       |   | nent Squeeze       | e, etc.   |            |                      |              |                          | Δ,             | mount an                             | d Type o  | f Materi                                 | al  |                      |          | -               |   |    |
|  | Depth Interva                        |   | 30 1500 G/         | AL 15% H  | ICL        |                      | -            |                          | 7.0            | inount an                            | ч турс с  | 1 11141011                               |   |                      |          |                 |   |    |
|  | 49                                   | 45 TO 56  | 30 144,000         | GAL 60  | QUALIT     | Y N2 SLI             | CKWA         | TER F                    | OAM            | & 151,86                             | 3   |  |   |                      |          |                 |   |    |
|  |                                      |   |                    |   |            |                      |              |                          |                |                                      |   |  |   |                      |          |                 |   |    |
|  |                                      |   |                    |   |            |                      |              |                          |                |                                      |   |  |   |                      |          |                 |   |    |
| 28. Product  | tion - Interval                      | A   |                    |   |            |                      |              |                          |                |                                      |   |  | 1,  |                      |          |                 |   |    |
| Date First Test Hours Test Produced Date Tested Prod   |                                      |   |                    | t Oil<br>duction BBL  |            | Gas Water<br>MCF BBL |              | Oil Gravity<br>Corr. API |                |                                      | Gas<br>Gravity                                  |  | luction Metho   | 1                    |          |                 |   |    |
| 08/18/2002   | 08/13/2002                           | 24  |                    | 0.0   | 8          | 837.0                |              | 0                        |                |                                      |   | <del> </del>                             |   | FLOWS FROM WELL      |          |                 |   |    |
| Choke<br>Size  |                                      |   |                    |   |            | Gas Water<br>MCF BBL |              | Gas:Oil<br>Ratio         |                | ľ                                    | ell Status                                      |  |   |                      |          |                 |   |    |
| .5   | .5 SI 120.0 — 837                    |   |                    |   |            |                      |              |                          | GSI            |                                      |   |  |   |                      |          |                 |   |    |
|  | ction - Interva                      |   |                    | 1   |            |                      |              |                          | 07.5           |                                      | 12  |  | In  | luction Matha        | <u> </u> |                 |   |    |
| Date First Test Hours Produced Date Tested   |                                      |   | Test<br>Production | Oil<br>BBL  |            |                      | Water<br>BBL |                          |                | il Gravity<br>orr. API               |   | Gas<br>Gravity                           |   | luction Metho        | <u> </u> |                 |   |    |
| Choke<br>Size  | Tbg. Press.<br>Flwg.                 | Csg.<br>Press.                                  | 24 Hr.<br>Rate     | Oil<br>BBL  | Gas<br>MCF |                      | Water<br>BBL |                          | Gas:C<br>Ratio |                                      | W   | ell Status                               | -   |                      |          |                 |   |    |

<sup>(</sup>See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #13568 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
\*\* REVISED \*\*

| 28b. Produ                        | ction - Interv                                  |                 |                                  |                                | ,                          |  | ,   |                                    |   |   |                |                    |  |  |
|-----------------------------------|---|-----------------|----------------------------------|--------------------------------|----------------------------|--|---|------------------------------------|---|---|----------------|--------------------|--|--|
| Date First<br>Produced            | Test<br>Date                                    | Hours<br>Tested | Test<br>Production               | Oil<br>BBL                     | Gas<br>MCF                 | Water<br>BBL                             | Oil Gravity<br>Corr. API                        |                                    | Gas<br>Gravity  | Production Method   |                |                    |  |  |
| Choke<br>Size                     |   |                 | 24 Hr.<br>Rate                   | Oil Gas<br>BBL MCF             |                            | Water<br>BBL                             |   |                                    | Well Status   |   |                |                    |  |  |
| 28c. Produ                        | iction - Interva                                |                 |                                  |                                | _                          | _  |   |                                    |   |   |                |                    |  |  |
| Date First<br>Produced            | Test<br>Date                                    |                 |                                  |                                | Gas<br>MCF                 | Water<br>BBL                             | Oil Gravity<br>Corr. API                        |                                    |   | Production Method   |                |                    |  |  |
| Choke<br>Size                     | Tbg. Press.<br>Flwg.<br>SI                      | 24 Hr.<br>Rate  | Oil<br>BBL                       | Gas<br>MCF                     | Water<br>BBL               | Gas:Oil<br>Ratio                         | ,   | Well Status                        | Status  |   |                |                    |  |  |
| 29. Dispos<br>VENT                | sition of Gas(S                                 | old, used       | for fuel, vent                   | ed, etc.)                      |                            | L  |   | L                                  |   |   |                |                    |  |  |
| 30. Summa                         | ary of Porous                                   | Zones (In       | clude Aquife                     | rs):                           |                            |  |   |                                    | 31. For   | mation (Log) Ma   | rkers          |                    |  |  |
| tests, it                         | all important z<br>neluding depth<br>coveries.  | ones of po      | orosity and co<br>tested, cushio | ontents there<br>on used, time | of: Cored in<br>tool open, | ntervals and<br>flowing and              | all drill-stem<br>I shut-in pressu              | res                                |   |   |                |                    |  |  |
|                                   | Formation                                       |                 | Тор                              | Bottom                         |                            | Description                              | ons, Contents, e                                | etc.                               |   | Name  |                | Top<br>Meas. Depth |  |  |
|                                   | ITO MO ROE USE OKOUT                            |                 |                                  |                                | SAN<br>SAN<br>SAN          | NDSTONE<br>NDSTONE<br>NDSTONE<br>NDSTONE | & SHALE<br>& SHALE<br>& SHALE                   |                                    | OJ<br>KIF<br>FRIC<br>LE'<br>ME<br>CLI<br>ME<br>PO<br>MA<br>GA<br>GR | NACIMIENTO       970         OJO ALAMO       2257         KIRTLAND       2390         FRUITLAND       2933         PICTURED CLIFFS       3250         LEWIS SHALE       3350         MESAVERDE       3350         CLIFF HOUSE       5165         MENEFEE       5330         POINT LOOKOUT       5660         MANCOS       5820         GALLUP       6785         GREENHORN       7510         DAKOTA       7570 |                |                    |  |  |
| Plans                             | terval not rea<br>are to test th<br>ne CIBP @ 6 | e MV flov       | wing up the                      | casing for                     | up to 60 da                | vs. Will th                              | en return and<br>order 842AZ.                   |                                    |   |   |                |                    |  |  |
| 22 Cirola                         | enclosed attac                                  | hmenter         |                                  |                                |                            |  |   |                                    |   |   |                |                    |  |  |
| 1. Elec                           | ctrical/Mechar                                  | nical Logs      | ,                                | • ′                            |                            | : Report<br>alysis                       | rt 3. DST Report 4. Directional Survey 7 Other: |                                    |   |   |                |                    |  |  |
|                                   |   | _               | Electr<br>I<br>Committed         | ronic Subm<br>For PHILL        | ission #135<br>IPS PETRO   | 68 Verified<br>DLEUM CO                  | by the BLM V<br>OMPANY, seithew Halbert         | Well Info<br>nt to the<br>on 08/21 | ormation Sys<br>Farmington<br>/2002 (02MX                           | (H0559SE)   |                | ns):               |  |  |
| Name (                            | (please print)                                  | PAIST           | LUGSTUN                          |                                |                            |  | 1111e   | AUTHO                              | KIZEU KEP   | RESENTATIVE   |                |                    |  |  |
| Signature (Electronic Submission) |   |                 |                                  |                                |                            |  |   | Date 08/15/2002                    |   |   |                |                    |  |  |
|                                   |   |                 |                                  |                                |                            |  |   |                                    | ····  |   |                |                    |  |  |
|                                   |   |                 |                                  |                                |                            |  | r any person kn<br>as to any matter             |                                    |   | to make to any de   | epartment or a | gency              |  |  |