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

| ,         | FORM APPROVED          |
|-----------|------------------------|
| On        | OMB NO. 1004-0137      |
| CD-ARTEET | Expires March 31, 2007 |
| - 40 KH   |                        |

| SUBMIT IN TRIPLICATE -   | Other instructions   | s on reverse side   |                    | 7. If Unit or CA  | Agreement, Name and/or N             |
|--|--|---|--------------------|---|--------------------------------------|
| I Type of Well  X Oil Well Gas Well Other  Name of Operator BP America Production Company  3a. Address P.O. Box 1089 Eunice NM 88231 | ,  | 3b. Phone No. (include of 575 - 394 - 1648                          |                    | 8. Well Name an<br>Lago Rosa 4<br>Federal<br>9. API Well No.<br>30-015-3023 | 5<br>4                               |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey of UL L., 1550 FSL & 1115 FWL Section 4, T18S, R27E                        | ·  |   |                    | Redlake Glo<br>Queen Grayb<br>11. County or P<br>Eddy                       | urg San Andres<br>arish, State<br>NM |
| TYPE OF SUBMISSION   |  |   | PE OF ACTION       | <del></del>   | ,                                    |
| X Notice of Intent Subsequent Report Final Abandonment Notice  | Acidize Alter Casing Casing Repair Change Plans Convert to Injection | Deepen Fracture Treat New Construction X Plug and Abandon Plug Back | Reclamati Recomple | ily Abandon   | Water Shut-Off Well Integrity Other  |

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

1. MIRU PU. Check tbg, csg and surface pipe for pressure - bleed off into containment, if possible. Kill well as necessary; NOTE: well may require weighted kill fluid. TOH warehouse rods and pump.

- 2. Monitor well and assure it's stable. ND wellhead equipment, NU BOP. TOH w/ 2 7/8" production tbg.
- 3. TIH with CIBP on production tbg and set at 1600'. Test csg to 500 psi. Spot 550' cement plug on top of CIBP (1600' to 1050') using 55 sx Class C neat. TOH with setting tool.
- 4. TIH with tubing open-ended. Tag surface shoe plug and record depth. Re-spot if necessary.
- 5. TOH to 400'. Fill 5 1/2" casing from 400' to surface using 40 sx Class C neat. LD tubing.
- 6. ND BOP. If necessary, fill 5 1/2" casing to 3' below ground level after LD tubing.
- RD PU and clean location

| <ol> <li>Dig out WH and cut-off casingheads to 3' below 0</li> <li>Install regulation dry-hole marker. Clean locat</li> </ol> |                     |                    | IONS OF APPROVAL     |
|---|---------------------|--------------------|----------------------|
| I hereby certify that the foregoing is true and correct Name (Printed/Typed)  | Title               |                    | 27.45                |
| Barry C. Price  | Area Opera          | <u>ations Team</u> | Lead                 |
| Kany C. L-  | Date 7/27/09        | , ' P7             | APPROVED             |
| THIS SPACE FOR FEDER  | AL OR STATE OFFICE  | USE                |                      |
| Approved by   | Title               |                    | Date<br>IUL 3 0 2009 |
| onditions of approval, if any, are attached. Approval of this notice does not warra   | int or Office lease |                    |                      |

xisting WB Dia Lago Rosa 4 Federal #5 07/22/09 Shut in BP America Operator Lago Rosa 4 Federal Glorietta/Yeso/QN/Grbg/SA Prod Zone 30-015-30234 Redlake BLM Property Yes NMOCD District Artesia Reg Agency UL L, 1550' FSL & 1115' FWL, Sec 4-T18S-R27E, Eddy Cnty, NM TVD N/A GL 3,540 MTD 3800 Original PBTD 3778 TOC Casing OD Weight/Grade Depth Cmt Sx Hole 24#/J-55 8 5/8" 1155 360 11" Circ to surf 15 5#/J-55 7 7/8 Circ to surf Top of Liner N/A Surf Csg @ 1155' Bottom of Liner Spud Date 5/30/1998 1664' Top Perf 7/11/1998 3171 Bot Perf 4/6/99 Perf San Andres 1664'-2173', total of 38 shots 7/9/98 Perf Yeso 2879'-3171', total of 40 holes Open Hole, Plugs or Fish TOC Prod Csg Circ to surf Summary of Workover Start Date Finish Date Indut workover summary here WB Dia updated by Date W8 Dia checked (Ex. 1/1/08) Tubulars updated by Date tubulars checked (Ex 1/1/08) Top of Tbg section from Tubing and Rod Assembly lenath, ft KR ft Current Tubulars: Blue boxes use drop down boxes for descriptions Description of TBG Assembly # Jnts RKB 7.00 2 7/8" 6 5# J-55 EUE 8 Rnd Tbg 3205 00 98 2 7/8" 6 5# J-55 EUE 8 Rnd IPC Tbg 1 32 00 3212 00 2 7/8" API SN 3244 00 1 1 10 1 2 7/8" 6 5# J-55 EUE 8 Rnd Tbg SUB 4 00 3245 10 20 00 3249.10 1 2 7/8" 6 5# J-55 open ended MA 130 00 3269 10 3399 1 1.00 3400 10 3400 10 3400 10 3400.10 3400 1 Bottom of Tbg Assembly 3400 10 escription of Production Packer if used escription Plunger lift equipment if used Top Perf 1664 Top of Rod Rod & Pump Design section from 7 00 KB, ft # Rods Description of Rod Assembly RKB 1 1/2" Dia X 26" PR w/1 3/4" X 16' PR liner 20 00 7 00 2, 4, 6, 8 7/8" Dia "C" Pony Rods 20 00 27 00 7/8" Dia "C" Rods Bot Perf 3171 52 1300 00 47 00 65 3/4" Dia "C" Rods 1625 00 1347 00 7/8" Dia "C" Rods with guides 250 00 2972 00 10 Pump without gas anchor Last Plug @ N/A 16 00 3222 0 3238 0 3238 00 Fish @ N/A 3238 0 3238 00 3238 00 Original PBTD 3778\* 3238 00 TD 3800 3238 00 2 50" x 2" x 16' insert pump 3238 00

| Fish @. N/A 7000 7.000 7 | F   |        |           |                  | <i>5</i> 1 1 |                            | <del></del>                                      |                        | Y                                     |                          |                   |              |
|--|-----|--------|-----------|------------------|--------------|----------------------------|--|------------------------|---------------------------------------|--------------------------|-------------------|--------------|
| Lese   | - 1 |        |           |                  |              |                            | Proposed P&A                                     | 07/22/09               | 1                                     | Lago Rosa 4 Fe           | ederal #5         |              |
| Field  | - 1 |        |           |                  |              | 40 3> Crass C t/ 400°40    | Status   | Sh                     | ut in                                 | Operator                 | BP A              | merica       |
| Rep Agency   MARCICE   Contact   MARCICE   Contact   MARCICE   M   | í   |        |           |                  |              | surface                    | Lease  | Lago Rosa              | a 4 Federal                           | Prod Zone                | Glorietta/Yes     | o/QN/Grbg/SA |
| Location   U.L. 1-5507 FSL 5115 FWL, Sec 61156 PGZ, Exply CNL MM   M3   S.417 FWL, Sec 61156 PGZ, Exply CNL MM   M3   S.457 FWL MM   S   |     |        |           |                  |              |                            | Field  | Red                    | dlake                                 | API#                     | 30-01             | 5-30234      |
| No.   3.54   TVD   3000   Lest Prog @ MAX  |     |        |           |                  |              |                            | Reg Agency                                       | NMOCD                  | District                              | Artesia                  | BLM Property      | Yes          |
| Col.   2-5-00   MATO   30007   Professor   100   Cent part   100   |     | ,      |           |                  | <b>4</b>     |                            | Location   | UL L, 1550' FSL &      | 1115' FWL, Sec 4-T                    | 18S-R27E, Eddy Cnt       | y, NM             |              |
| Col.   2-5-00   MATO   30007   Professor   100   Cent part   100   | - 1 |        | - 11      |                  | $\mathbf{H}$ |                            | VP   | 2 547                  | TVD                                   | 3900'                    | Last Plus @       | I N/A        |
| Casing DD  | ı   |        | - 11      |                  | П            | -                          | <b>!</b>   |                        |                                       |                          | Last Flug @       | IVA          |
| Casing QO   Weight/Greats   Depth   Cort St.   Hole   TOC   Circ to surf   | - 1 |        |           |                  |              |                            | GL   | 3,340                  | <del></del>                           |                          | <del></del>       |              |
| Self   24AU.SS   1150   300   111   Cord load   510   512   513   3800   7700   7707   7707   Cord load   512   5130      | - 1 |        | Ш         |                  |              |                            | Casing OO  | Weight/Grade           |                                       |                          | Hole              | TOC          |
| Size   1000   Carrolle   100   | - 1 |        |           |                  |              | ` `                        |  |                        |                                       |                          |                   |              |
| NA   | 1   |        |           |                  | Ш            | •                          |  |                        |                                       | <del></del>              |                   | <del> </del> |
| Sput Date  | i   |        |           |                  |              | 4                          | 3 1/2  | 10 0#/0-00             | 3000                                  | 700                      | <del> </del>      | One to surr  |
| Spirit Description   Stant Date   Top Perf   1654'   | ı   |        | 11        |                  | $\Pi$        |                            | <b> </b>   | Top of Liner           | <u> </u>                              |                          |                   |              |
| Spid Date   \$6001998   Top Perf   1664  | ı   |        | Ш         |                  | 11           |                            | N/A  |                        | <del> </del>                          | 1                        | 1                 |              |
| Current Turbulars: Blue boxes us drop down: boxes for description (R.B.)   |     |        | - 11      |                  | Ш            |                            |  |                        | <del> </del>                          | <u> </u>                 | 1                 |              |
| Current Turbulars: Blue boxes us drop down: boxes for description (R.B.)   | - 1 |        | 11        |                  | П            | •                          | Soud Date  | 5/20/100R              |                                       | Ton Porf                 | 1664              |              |
| Perforation Interval   | - 1 |        | П         |                  | 11           |                            |  |                        | <u> </u>                              |                          | <del></del>       | <b> </b>     |
| Surr Cog @ 1155*   Surr Cog @ 1155*   Surr Cog @ 1155*   Surr Cog @ 1155*   Open Hole, Plugs or Fish   | - 1 |        | -11       |                  | H            |                            |  |                        |                                       | Doi Fen                  | 13171             |              |
| Surf Cop @ 1159*   Open Hole, Plugs or Fish  | - 1 |        | 11        | •                | П            |                            | Perforation Inte                                 | erval                  | <del></del>                           |                          |                   |              |
| Surf Cop @ 1159*   Open Hole, Plugs or Fish  | - [ |        |           | CHARLES PROPERTY |              | ,                          |  |                        |                                       |                          |                   |              |
| Open Hote, Pugs or Fish   N/A   Summary of Workover   Start Date   Finesh Date   | - [ |        |           |                  |              |                            | 4/6/99 Perf Sa                                   | an Andres 1664'-2173   | 3', total of 38 shots                 | 7/9/98 Perf Yeso. 28     | 879'-3171', total | of 40 holes  |
| N/A   Summary of Workover   Start Date   Finish Date   Finish Date   |     |        |           |                  |              | Surf Csg @ 1155'           |  |                        |                                       |                          |                   |              |
| Summary of Workover   Start Date   Finish Date   | - 1 |        |           | F-124            | 9 -          | -                          | Open Hole, Plu                                   | ugs or Fish            |                                       |                          |                   |              |
| Summary of Workover   Start Date   Finish Date   | J   |        |           |                  |              | ,                          |  |                        |                                       |                          |                   |              |
| TOC Prod Csg Circ to surf   Date W8 De executed (Ex. 11/108)   No Designate by Install Production substant by Install Production (Ex. 11/108)   Install Production (Ex. 11/10    | ı   |        |           |                  |              |                            | N/A  |                        |                                       |                          |                   | i            |
| TOC Prod Csg Circ to surf   Date W8 De executed (Ex. 11/108)   No Designate by Install Production substant by Install Production (Ex. 11/108)   Install Production (Ex. 11/10    |     |        |           |                  | 9            |                            |  |                        |                                       |                          |                   | I            |
| TOC Prod Csg Circ to surf   Date W8 De executed (Ex. 11/108)   No Designate by Install Production substant by Install Production (Ex. 11/108)   Install Production (Ex. 11/10    |     |        |           |                  |              |                            |  | () ()                  |                                       |                          |                   |              |
| Top Prod Cag Circ La surf  | ]   |        |           |                  |              | •                          | Summar   | y of workover          | Start Date                            | ļ                        | Finish Date       | L            |
| Top Prod Cag Circ La surf  | ı   |        |           |                  | 9            |                            | 7.   |                        |                                       | •                        |                   | I            |
| Top Prod Cag Circ La surf  | ı   |        |           | 14.              |              |                            |  | , , ,                  | , .                                   |                          |                   | - 1          |
| Description of Production Packer of Used   Description Plunger (Int quapment of Used   Top Or Rod   Production Packer of Used   Description Plunger (Int quapment of Used   Production Packer of Used   Production P   | - ! |        |           |                  | 9            |                            | Input workover                                   | summary here           |                                       | •                        |                   | ł            |
| Description of Production Packer of Used   Description Plunger (Int quapment of Used   Top Or Rod   Production Packer of Used   Description Plunger (Int quapment of Used   Production Packer of Used   Production P   | - 1 |        | 麜         |                  | 4            | ·                          | Section 1.                                       |                        |                                       | •                        |                   |              |
| Description of Production Packer of Used   Description Plunger (Int quapment of Used   Top Or Rod   Production Packer of Used   Description Plunger (Int quapment of Used   Production Packer of Used   Production P   |     |        |           |                  |              | , ,                        | * , ,  |                        | article of the                        |                          |                   | ·            |
| Dies (Library a sheries)   Trubing and Rod Assembly   length, ft   section from KR, ft   | ĺ   |        |           |                  | S S          | TOC Prod Csq. Cure to surf | Date WB Dra                                      | checked (Ex. 1/1/08)   | ٠, ٠,                                 |                          |                   |              |
| Tubing and Rod Assembly length, ft section from KB, ft section fr  | ı   |        |           |                  |              | Too Flood day Circ to suri |  | )1 ·                   | 1                                     |                          | <u> </u>          |              |
| Tubing and Rod Assembly   length, ft   section from KB, ft   | -   | •      | 2         |                  |              |                            | Date tubulars                                    | checked (Ex 1/1/08)    |                                       |                          |                   | Top of Tbg   |
| Current Tubulars: Blue boxes use drop down boxes for descriptions  # Jnls Description of TBG Assembly RKB 7.00  8.11  8.00 & Pump Design length, ft section from section from the section f |     |        |           |                  | į            |                            |  |                        |                                       |                          |                   |              |
| # Jnts   Description of TBG Assembly   RKB   7.00   | - 1 |        |           |                  |              | ,                          |  | I ubing and            | Rod Assem                             | bly -                    | length, ft        | KB, fi       |
| # Jnts   Description of TBG Assembly   RKB   7.00   |     |        |           |                  |              | •                          | Current Tub                                      | ulars: Blue boxes      | use drop down                         | poxes for descrip        | tions             |              |
| CIBP @ 1600" caned w/ 55   Top Perf   1664"   Rods   Description of Rod Assembly   RKB   7 00 KB, ft   |     |        |           |                  |              | i                          |  |                        |                                       |                          |                   |              |
| CIBP @ 1600' canced w/ 55   Section of Tog Assembly   700    | ı   |        |           |                  |              | ,                          |  |                        |                                       |                          | T                 |              |
| CIBP @ 1600' canced w/ 55   So Class C   Description of Production Packer if used   Description of Rod Assembly   Top of Rod section from Rod Assembly   RKB   Top of Rod section from Rod Assembly   Top of Rod  | - 1 |        |           |                  |              | •                          |  |                        |                                       | *                        |                   |              |
| CHBP @ 1600" canced w/ 55   Sx Class C   Description of Production Packer if used   Description Plunger lift equipment if used   Top Perf   1664'   Rod & Pump Design   length, ft   Top of Rod section from #Rod & Description of Rod Assembly   RKB   7000 KB, ft   7000   | 1   |        |           |                  |              |                            |  |                        |                                       |                          |                   |              |
| CIBP @ 1600' canced w/ 55   Sx Class C   Description of Production Packer if used   Description Plunger lift equipment if used   Top Perf   1664'   Rod & Pump Design   length, ft   section from KB, ft   Top of Rod section from # Rods   Description of Rod Assembly   RKB   700   KB, ft   70   | 1   |        | 鏖         | 100              |              |                            |  |                        |                                       |                          | <del></del>       |              |
| CIBP @ 1600' canced w/ 55   Sx Class C   Description of Production Packer if used   Description Plunger lift equipment if used   Top Perf   1664'   Rod & Pump Design   length, ft   Top of Rod section from #Rods   Description of Rod Assembly   RKB   7 00 KB, ft   7 0   |     |        |           |                  |              | ,                          |  |                        | · · · · · · · · · · · · · · · · · · · |                          | <del> </del>      |              |
| CIBP @ 1600' canced w/ 55   Bottom of Tbg Assembly   700     |     |        |           |                  |              |                            |  |                        |                                       |                          |                   |              |
| CIBP @ 1600' capped w/ 55   Bottom of Tbg Assembly   7 00  | j   |        |           |                  | 1            |                            | <del>                                     </del> |                        | · · · · · · · · · · · · · · · · · · · |                          |                   |              |
| CIBP @ 1600' canped w/ 55   Bottom of Tbg Assembly   7 00   7 0   |     |        |           |                  |              |                            | <del></del>                                      | <del></del>            |                                       |                          |                   |              |
| CIBP @ 1600' canced w/ 55   Bottom of Tbg Assembly   7 00   7 0   |     |        |           |                  | 1            | `                          | <del></del>                                      |                        |                                       |                          |                   |              |
| CIBP @ 1600' canped w/ 55   Sx Class C   Description of Production Packer if used   Description of Tbg Assembly   7 00    | 1   |        |           |                  | 1            | , ,                        | <del> </del>                                     |                        | ·                                     |                          |                   |              |
| CIBP @ 1600' canced w/ 55 sx Class C  Description of Production Packer if used  Description of Rod & Pump Design length, ft section from #Rods Description of Rod Assembly RKB 7000 KB, ft 700 KB, ft  |     |        |           |                  |              | ,                          | <del></del>                                      |                        | <del></del>                           |                          |                   |              |
| CIBP @ 1600' canced w/ 55   Sx Class C   Description of Production Packer if used   Description Plunger lift equipment if used     Top Perf   1664'   Rod & Pump Design   length, ft   Section from kB, ft     7 00 KB, ft     |     |        |           |                  |              | , ,                        |  |                        |                                       |                          |                   |              |
| Sx Class C   Description of Production Packer if used   Description Plunger lift equipment if used   | 1   |        |           |                  |              | CIBP @ 1600' canned #/ 55  |  |                        | Botte                                 | om of The Assembly       |                   |              |
| Top Perf   1664'   Rod & Pump Design   length, ft   Top of Rod section from KB, ft   Top of Rod S   |     | `.     | 100       |                  |              |                            |  |                        | 5011                                  | c                        |                   | , 50         |
| Rod & Pump Design   length, ft   section from KB, ft   | l   | ٠.,    |           |                  | ľ            | , on Class C               | Description of Pro                               | duction Packer if used |                                       | Description Plunger lift | equipment if used | · I          |
| Rod & Pump Design   length, ft   section from KB, ft   |     |        | 4         | *                | L            | Ton Dorf 4004              | <del></del>                                      |                        |                                       | 7                        |                   |              |
| #Rods Description of Rod Assembly RKB 7 00 KB, ft  7 00 7 00 7 00 7 00 7 00 7 00 7 00 7  |     | ,      | ∃         |                  | E            | 100 Men 1664               |  | Rod                    | & Pump De                             | sign                     | length, ft        |              |
| Bot Perf 3171'  Bot Perf 3171'  Last Plug @ N/A  Last Plug @ N/A  Fish @ N/A  Original PBTD 3778'  TD 3800'  TO 3800'  TO 700  700  700  700  700  700  700  700   |     |        | $\exists$ | -                | E            | , · •                      | # Dad-   |                        |                                       |                          | 7.4               | KB. ft       |
| Bot Perf 3171' 700 700 700 12st Plug @ N/A 700 700 700 700 700 700 700 700 700 700   | 1   |        | $\exists$ |                  | E            | ,                          | # 1005   | Description of F       | tou Assembly                          | KKB                      | / 00              |              |
| Bot Perf 3171' 700 700 1700 Last Plug @ N/A 700 Fish @. N/A 700  Fish @. N/A 700  Original PBTD 3778' 700  TD 3800' 700  | 1   | -      | =         |                  | =            |                            |  |                        |                                       |                          |                   |              |
| Last Plug @ N/A 7000 7.0 | 1   |        | $\exists$ |                  | Е            | Rot Dori                   |  | -,-                    | · · · · · · · · · · · · · · · · · · · |                          |                   |              |
| Last Plug @ N/A 7.00 7.00 7.00 7.00 7.00 7.00 7.00 7.00  | 1   |        | -         |                  | $\vdash$     | DOLFEII 31/1"              |  | <del></del>            | <del></del>                           |                          |                   |              |
| Last Plug @ N/A 700 77.0 |     |        | ,         |                  |              |                            |  | <del></del>            |                                       |                          |                   |              |
| Fish @. N/A 7.00 7.00 7.00 7.00 7.00 7.00 7.00 7.00  | 1   |        |           |                  |              |                            | •  |                        | <u> </u>                              |                          |                   |              |
| Fish @. N/A 700 700 700 700 700 700 700 700 700 700  | 1.  | •      |           |                  |              | Last Plug @ N/A            |  |                        | · · · · · · · · · · · · · · · · · · · |                          |                   |              |
| Fish @. N/A 700 7.00 7.00 7.00 7.00 7.00 7.00 7.00   |     | ٠,     | • 1       | i                |              | ٠                          |  |                        |                                       |                          |                   |              |
| 7.00 Original PBTD   3778' TD   3800'    7.00   7.00   7.00   7.00   | 1   | **     |           | ' 1              |              | ,                          |  | <u> </u>               | •                                     |                          |                   | 7 00         |
| 7.00 Original PBTD   3778' TD   3800'    7.00   7.00   7.00   7.00   |     |        | ļ         | į                |              | Fish @ N/A                 | -  | 1 3. 44                |                                       |                          |                   | 7 00         |
| 7 000 Original PBTD   3778' 7 000 TD   3800' 7 000 7 0 | 1   |        | 1.        | .                |              |                            |  |                        |                                       |                          |                   |              |
| Original P8TD         3778'         7 00           TD         3800'         7,00   | 1   |        |           |                  |              |                            |  | **                     |                                       |                          |                   |              |
| TD: 3800'  | 1,  | 0      |           | 1077             |              | -n                         |  | , ,                    |                                       |                          |                   |              |
|  | 1   | Origin |           |                  | •            | -                          |  |                        |                                       |                          |                   |              |
| 7 00   | 11  |        | 10.13     | 9000             |              |                            |  | · · · ·                | , ,,                                  |                          |                   |              |
|  |     |        |           |                  |              |                            |  | ,                      | i .                                   |                          |                   | 7 00         |

## BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

## Permanent Abandonment of Federal Wells Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

- 2. <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.
- 3. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed prior to commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet
- 4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.
- 5. <u>Cement Requirement</u>: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

- 6. <u>Dry Hole Marker</u>. All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).
- 7. <u>Subsequent Plugging Reporting:</u> Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**
- 8. <u>Trash:</u> All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.