Form 3160-5 (April 2004)

N.M. Oil Cons. DIV-Dist. 2

UNITED STATES 1 W. Grand Avenue

DEPARTMENT OF THE PARENTER NIV 88210 BUREAU OF LAND MANAGEMENT

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

| SUNDRY Do not use th | Lease Senal No. LC0699280-A If Indian, Allottee or Tribe Name | | | | | |
|--|---|---|--|---|--|--|
| SUBMIT IN TRA | ell. Use Form 3160-3 (A IPLICATE- Other instr Gas Well Other CO INSTITUTE OF MINING | G & TECHNOLOGY 3b. Phone No. (include a | e side. | 7. If Unit or CA/Agreement, Name and/or No. SULIMAR QUEEN UNIT 8. Well Name and No. SULIMAR QUEEN UNIT TR 1 # 14 9. API Well No. 30-005-60612 | | |
| | T., R., M., or Survey Description) L K Sec 24 T15S R29E | 505-392-2236 INDICATE NATURE | E OF NOTICE, RI | 10. Field and Pool, or Exploratory Area Sulimar Queen 11. County or Parish, State Chaves County, New Mexico EPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | | | E OF ACTION | | | |
| If the proposal is to deepen dire Attach the Bond under which t following completion of the in- testing has been completed. Fi determined that the site is ready | ectionally or recomplete horizontall he work will be performed or provi volved operations. If the operation nal Abandonment Notices shall be | ly, give subsurface locations ide the Bond No. on file wit results in a multiple comple | s and measured and true th BLM/BIA. Require etion or recompletion in | Well Integrity Other | | |
| 3. RÏH tag cmt Option A 4. Perf @ 460' 5. Spot 100' plug (50' in & 6. Spot 30' plug from 30' t 7. Cut off well head instal Option B 4. Cut & pull 5 1/2 @ 420 5. RIH spot 100' plug (50' 6. Spot 30' plug from 30' t 7. Cut off well head instal | + or - in stub to 50' in 8 5/8 shoe @ o to surface | d tag plug 406) and tag | | RECEIVED NOV 1 1 2004 OCD-ARTESIA Changes to program | | |
| 4. I hereby certify that the fore Name (Printed/Typed) Eddie Seay | going is true and correct | Title Age | ent | | | |
| Dutie Beay | | I inc Age | | | | |

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Eddie Seay

Title Agent

Date

THIS SPACE ROPE FEDERAL OR STATE OFFICE USE

Approved by
Conditions of approval, if any, are attacked. Approval of this notice does not warrant or certify that the applicant holds least of equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to anymatter within its jurisdiction.

WELLBORE SCHEMATIC AND HISTORY

| | | | - 1710 | C OIL | T T | APINI INA | 30-005-606 | 12 | | | | | | |
|-------------|--------------|--|--------|--|------------------|--|-----------------|-----------|-------------|------------------------|----------|--|--|--|
| | | COMPLETION SCHEMATIC OIL | | | | APINUM: 30-005-60612 OPERATOR: New Mexico Institute of Mining & Technology | | | | | | | | |
| | | | | | | | SULIMAR C | | | | | | | |
| DUCTI ED | 415 est | | | | LEA LOCATION: | SENAME: | K SEC: | 24 | NIT TWN: | (Tr 1) WELL 15S RNG | | | | |
| RUSTLER | | | | | LOCATION: | UL: | 1345 FSL | 24 | I WIN: | | : 29E | | | |
| Top Salt | 435 est | | | | TD | 2010 | PBD 2001 | КВ | L | 1450 FWL | | | | |
| | | | | 0.00 0.00 | | 2010 | 1 200 I | GL | 3937 | Ur Ur | | | | |
| TANSILL | 1045 | A february | | | POOL | | | 1 GL | PERFS | 1970-1 | 070 | | | |
| YATES | 1246 | | | | FOOL | CHI IMAI | R QUEEN | | OPEN HO | | 970 | | | |
| 7 RVRS | 1240 | | | | POOL | JULIMA | TOLLIT | | PERFS | <u> </u> | | | | |
| QUEEN | 1970 | | | 164 | 1.002 | | | | OPEN HO | OLE. | | | | |
| GRAYBURG | 1370 | | | | POOL | | | | PERFS | <u> </u> | · · | | | |
| SAN ANDRES | | 8 5/8 @ 406' | | | 1.002 | | | | OPEN HO | OLE | | | | |
| GLORIETA | | 222 | | | POOL | | | | PERFS | <u> </u> | | | | |
| PADDOCK | | Rustler 415 est | | | 1.002 | | | | OPEN HO | OLF | | | | |
| BLINEBRY | | Top Salt 435 est | | | TEST (SH | OW DATE | 7 | | 101 21111 | <u> </u> | | | | |
| TUBB | | 1 00 00. | | | 3/17/04 | OIL | | 0 | WATER | 252 | | | | |
| DRINKARD | | 1 | | | 15 | OIL | GAS | | WATER | | | | | |
| ABO | | ; | | | CASING E | | | | ********* | | | | | |
| | | 1 | | | | SIZE | DEPTH | CMT | | HOLE SIZE | TOC | | | |
| | | 1 | | | SURF. | 8 5/8 | 406' | 230 SX | | 12 | CIRC 10 | | | |
| | | 镜 | | 1 | INTER. 1 | | 1 | 1 20 | | † | 1 3 | | | |
| DELAWARE | <u> </u> | 1 | | | INTER. 2 | | 1 | 1 | • | † | | | | |
| BELL CANYON | | 1 | | 1 | PROD. | 5 1/2 | 2010 | 150 SX | | 7 7/8 | 1369 est | | | |
| CHERRY CANY | | | | : | TUBING E | | | 1 | | | 1 | | | |
| BRUSHY CANY | | 1 | | | | | SIZE | DEP | TH | PACKI | ER | | | |
| BONE SPRING | |] | | | Sep-80 | | 2 3/8 | 1 | | R-4 Pk | | | | |
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| CANYON | | Base Salt 1045' | | | 2/23/80 | Well Spuc | ided | | | | | | | |
| STRAWN | |] | 1 | | 1 | | asing Circula | ted 10 SX | | | | | | |
| ATOKA | | | 1 1 | | 3/7/80 | Well Com | | | | | | | | |
| MORROW | | ĺ | | | 9/17/80 | | erted to WIW | ran R-4 p | kr on | | | | | |
| MISS | | | | | | | tbg. PKR se | | | | | | | |
| WOODFROD | | | | | Jun-85 | Well SI | | | | | | | | |
| DEVONIAN | | YATES 1246' | | | Apr-96 | Well recla | ssified as SI (| IIC | | | | | | |
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| | | TOC 1369' | 1 1 1 | Sec. Sec. Sec. Sec. Sec. Sec. Sec. Sec. | | | | | | | | | | |
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WELLBORE SCHEMATIC AND HISTORY

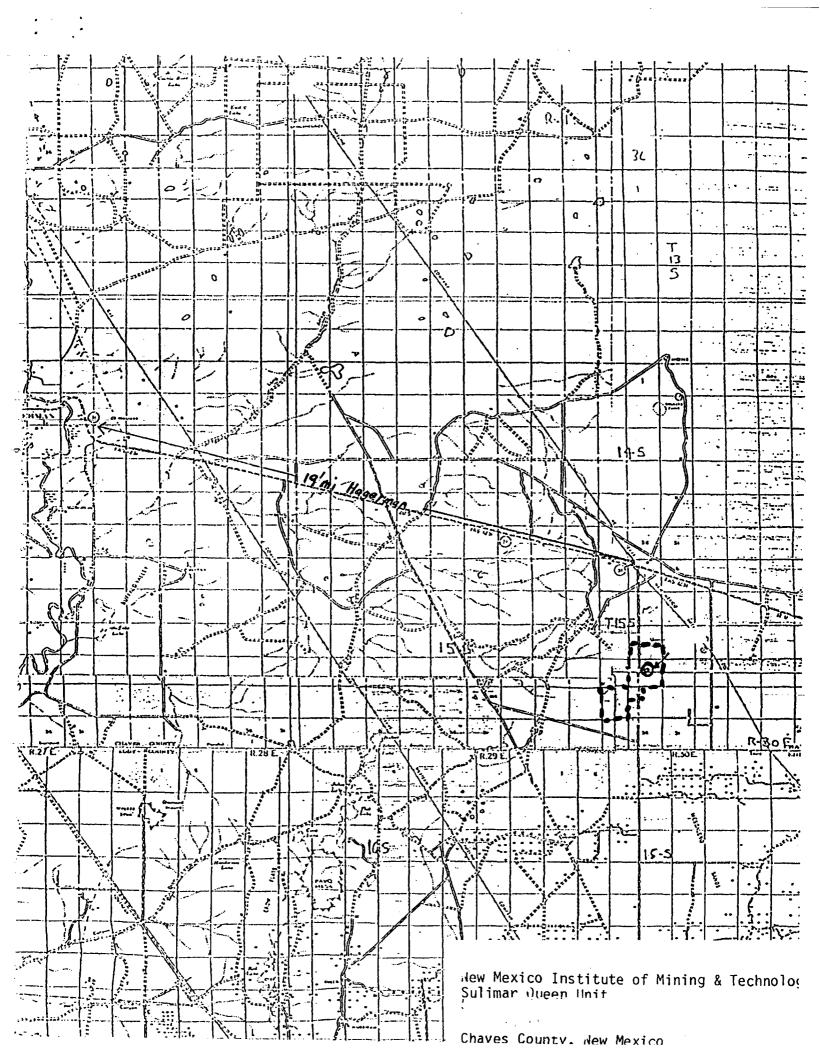
AFTER P&A OPTION A

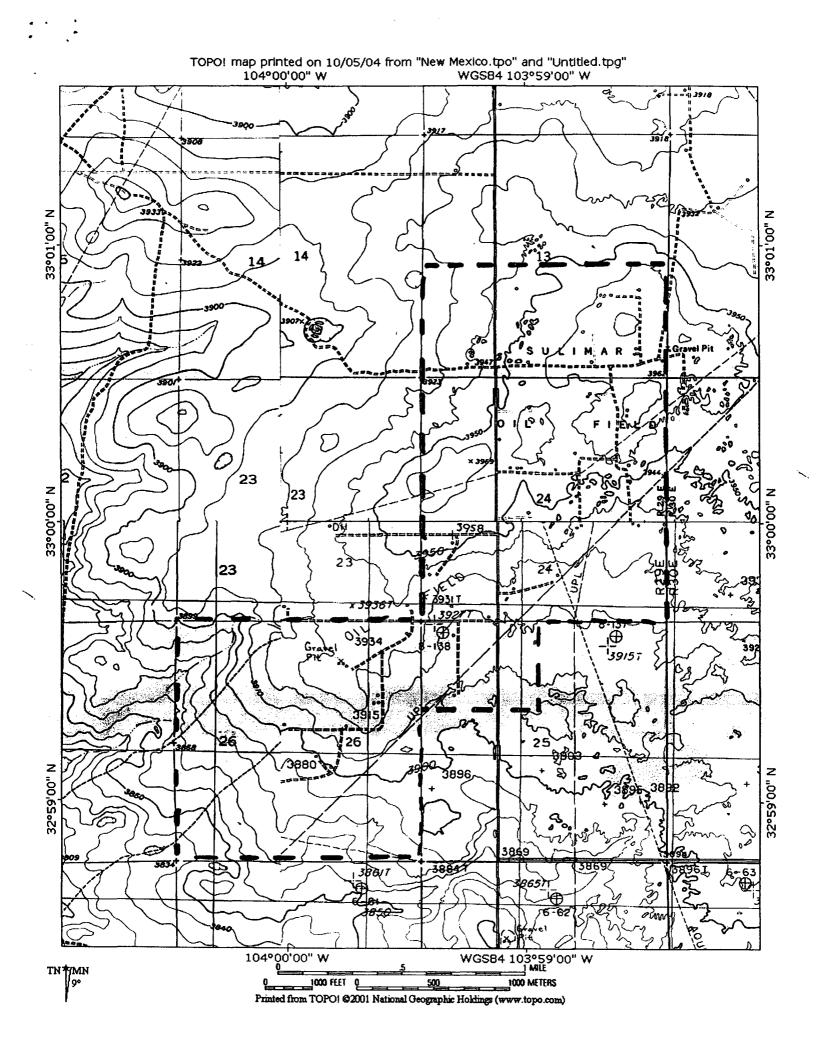
| [| | COMPLETION S | CHEMATIC | OIL | | APINI IM- | 30-005-6061 | 2 | | | | |
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| | | COMIT LE HORS | OTTENIA I IO | ļoit. | APINUM: 30-005-60612 OPERATOR: New Mexico Institute of Mining & Technology | | | | | | | |
| | | 125 Last | | | | | SULIMAR Q | | | | WELL NO |) #01 <i>8</i> |
| RUSTLER | 415 est | | gas est 10 | 2 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) | LOCATION: | UL: | K SEC: | <u>024</u> | TWN: | 15S | RNG: | 29E |
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| Top Salt | 400 G21 | | | | TD | 2010 | PBD 2001 | КВ | J | DF | | |
| | | 190 T | | 8.X | <u> </u> | 2010 | 1. 00 2001 | GL | 3937 | - 5 | | |
| TANSILL | 1045 | | | | POOL | | | I OF | PERFS | <u> </u> | 1970-197 | 78 |
| YATES | 1246 | | | | 1 | CI II IMAE | R QUEEN | | OPEN HO | N E | 1910-191 | <u>. </u> |
| 7 RVRS | 1240 | | | | POOL | SULIMAI | TOULLIT | | PERFS | <u>/LL</u> | | |
| QUEEN | 1970 | 3.4 | | | FOOL | | | | OPEN HO | N E | | |
| GRAYBURG | 1970 | | | | POOL | | | | PERFS | <u> </u> | | |
| SAN ANDRES | | 8 5/8 @ 406' | THE CHILD IN THE RES | | 1, 005 | | | | OPEN HO |) F | | |
| | | 03/0 400 | | | POOL | | | | PERFS | <u> </u> | | |
| GLORIETA PADDOCK | | Rustler 415 est | | | FOOL | | | | OPEN HO | N E | | |
| BLINEBRY | | Top Salt 435 est | | | TEST (SHO | NW DATE | 1 | | OFENIC | /LC | | - |
| TUBB | | Top Sail 433 est | | | 3/17/04 | OIL | | ^ | WATER | 252 | | |
| DRINKARD | | | | • | 3/1//04 | OIL | GAS | • | WATER | 252 | | |
| ABO | | | | | CASING B | | | | WAILI | | | |
| <u> </u> | | | | • | CASING B | SIZE | DEPTH | CMT | | HOLE | SIZE | TOC |
| | | | | | SURF. | 8 5/8 | 406' | 230 SX | | 12 | VIEL | CIRC 10 |
| A character from damps, durings on the page of the pag | | | | 1 | INTER. 1 | 3 3/3 | 1 | 200 37 | | | | JINO 10 |
| DELAWARE | | | | | INTER. 2 | | | | | | | |
| BELL CANYON | | | | | PROD. | 5 1/2 | 2010 | 150 SX | | 7 7/8 | | 1369 est |
| CHERRY CANY | | | į į | | TUBING B | | | 100 38 | | 1770 | | 1009 698 |
| BRUSHY CANY | | | 1 | | TODINGE | IILANDO | SIZE | DEP | TH | T | PACKER | |
| BONE SPRING | | | | | Sep-80 | | 2 3/8 | | | | R-4 Pkr | 1948 |
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| PENN | | | | | | | L | HISTOR | | | | <u> </u> |
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| CANYON | | Base Salt 1045' | | | 2/23/80 | Well Spuc | ided | | | | | |
| STRAWN | | Dase Sail 1045 | 1 | | 2/23/80 | | ided <u>asing</u> Circulat | ad 10 GY | | | | |
| ATOKA | | | l I | | 3/7/80 | Well Com | | eu 10 3x | | | | |
| MORROW | | | | | 1 | | erted to WIW I | on B_4 n | kr on | | | |
| MISS | | | 1 1 | | | | tbg. PKR set | | KI OII | | | |
| WOODFROD | | | 1 | | Jun-85 | Well Si | i wy. FKn sei | W 1340 | | | | |
| DEVONIAN | | YATES 1246' | 1 | | 1 | | ssified as SI C | ii. | | | | |
| 021011111 | | 20 1240 | l I | | , p. 55 | | oomea ao or e | · | | | | |
| | | TOC 1369' | | • | | | | | | | | |
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| J | | | l Li | PBD 2001' | | | | | | | | |
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WELLBORE SCHEMATIC AND HISTORY

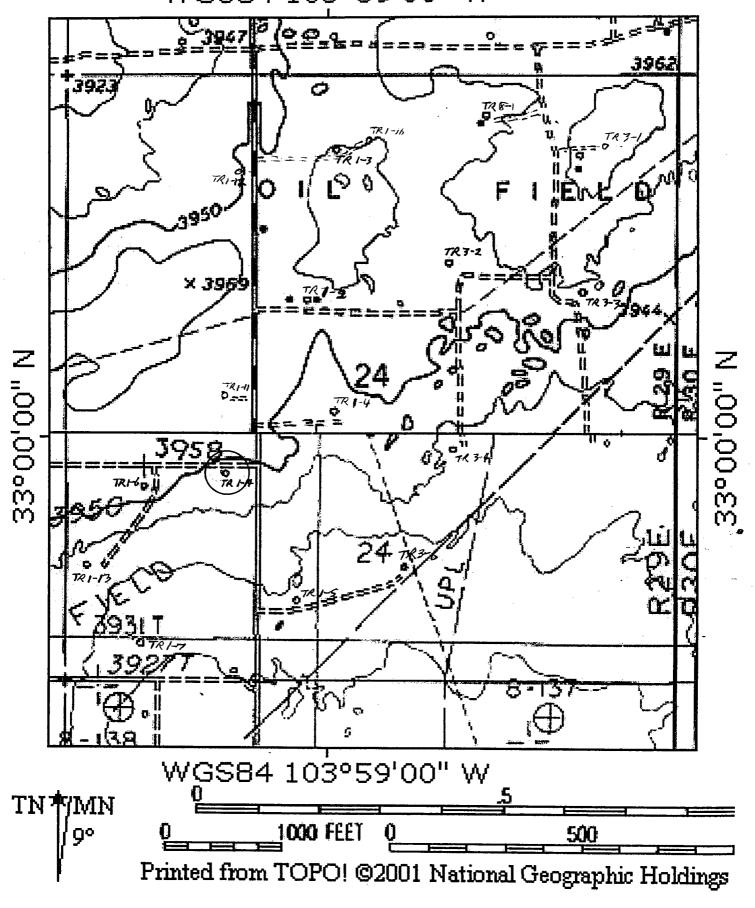
AFTER P&A OPTION B

| | | | ORE SCHEMATIC AND HISTORY AFTER P&A OPTION B | | | | | | | | | | |
|---------------|--------|--|--|----------------------|---|---------------|------------------|--------|--|--------|----------|--------------|--|
| | | COMPLETION SCHEMATIC | OIL | APINUM: 30-005-60612 | | | | | | | | | |
| | - 1 | | | OP | OPERATOR: New Mexico Institute of Mining & Technology | | | | | | | | |
| | | | 160 160 | LEA | SENAME: | SULIMA | R QUE | EN UN | IIT | (Tr 1) | WELL NO | #014 | |
| RUSTLER 4 | 15 est | | | LOCATION: | UL: | K S | | 24 | TWN: | 158 | RNG: | 29E | |
| | 35 est | | | LOGATION: | <u> </u> | 1345 F | | | | 1450 | | 202 | |
| Top Sait 4 | 33 631 | | | TD | 2010 | PBD 2 | | KB | | DF | · *** | | |
| | | | ************************************** | ا ''ك | 2010 | IFOU Z | | GL | 3937 | Dr. | | | |
| TANSILL | 1045 | | | POOL | | | | | PERFS | L | 1970-197 | 0 | |
| | | | | POOL | CIII IBAAT | OHEEN | | | | | 19/0-19/ | 8 | |
| | 1246 | | | 2001 | SULIMAF | QUEEN | <u> </u> | | OPEN HO | LE | | | |
| 7 RVRS | | | | POOL | | | | | PERFS | | | | |
| | 1970 | | | | | | | | OPEN HO | LE | | | |
| GRAYBURG | | 8 5/8 @ 406' | AT. | POOL | * | | | | PERFS | | | | |
| SAN ANDRES | | 8 5/8 @ 406' | X. | | | | | | OPEN HO | LE | | | |
| GLORIETA | | | | POOL | | | | | PERFS | | | | |
| PADDOCK | | Rustler 415 est | | | | | | | OPEN HO | LE | | | |
| BLINEBRY | | Top Salt 435 est | | TEST (SHO | OW DATE |) | | | | | | | |
| TUBB | | - And the state of | | 3/17/04 | OIL | | GAS 0 | | WATER | 252 | | | |
| DRINKARD | | | | | OIL | | SAS | | WATER | | | | |
| ABO | | | | CASING B | | WN | | | | | | | |
| | | | | | SIZE | DEPT | H | CMT | ······································ | HOLE S | SIZE | TOC | |
| | | | | SURF. | 8 5/8 | 406 | | 30 SX | | 12 | | CIRC 10 | |
| | | | | INTER, 1 | | | - - | | | - | | 3 | |
| DELAWARE | | | | INTER. 2 | L | | - | | - | | | | |
| BELL CANYON | | | | PROD. | 5 1/2 | 2010 | 1= | 50 SX | | 7 7/8 | | 1369 est | |
| | | <u> </u> | | TUBING B | | | 115 |)U 3A | | 1 110 | | 1369 681 | |
| CHERRY CANY | | | | 100ING B | HEARDU | | | DEDT | <u></u> | | DACKER | | |
| BRUSHY CANY | , | | | Cor oc | | SIZE 2 3/8 | - - | DEPT | <u> </u> | | PACKER | 11040 | |
| BONE SPRING | | | | Sep-80 | | 2 3/8 | - | | | | R-4 Pkr | 1948 | |
| | | | | | | <u> </u> | | - | | | | | |
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| WOLFCAMP | | | | | | L, | | | | | | <u> </u> | |
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| CISCO | | | | | | | | | | | | | |
| CANYON | | Base Salt 1045' | | 2/23/80 | Well Spud | ded | | | | | | | |
| STRAWN | | | | | Surface C | | culated ' | 10 SX | | | | | |
| ATOKA | | | | 3/7/80 | Well Com | | | | | | | | |
| MORROW | | | | 9/17/80 | Well conv | | VIW ran | R-4 nk | r on | | | | |
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| WOODFROD | | | | Jun-85 | Well SI | wy. Tra | 11 301 0 | 1370 | | | | | |
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| DEVOITAN | | TATES 1240 | | Api-90 | well lecia | ssilled as | SIOII | | | | | | |
| ļ | | TOC 1369' | | | | | | | | | | | |
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orinted on 10/05/04 from "New Mexico.tpo" and "I WGS84 103°59'00" W



Sulimar Queen Unit Tr.1 # 14

In Option A: Perforate $4\frac{1}{2}$ " at 1290' and squeeze the backside of the $4\frac{1}{2}$ " from 1290' to 1190' and leave 100' plug form 1290' to 1190' inside $4\frac{1}{2}$ ".

At Step 4 of the plugging program perforate at 460' and circulate cement behind the 4½" to surface, continue with the rest of the procedures.

In Option B: Cut and pull $4\frac{1}{2}$ " at ± 1290 ' and spot 100' plug across stub (50' in and 50' out of stub) and tag.

Continue with Step 5 by placing 100' across shoe of 8%" and tag.