| | | New Mexico Off (| ้ง 1777ยามตราชต์ในน่า พระค.ศ. | | | | | | |
|---|---|--|--|---------------------------------------|---|------------------------------|--|--|--|
| Form 3160-3 (July 1992) | | New Mexico Off (FED STATES The | | N . ON | UMB NO. 1 | 1004-0136 | | | |
| | | T OF THE INTE | | BIGC, * | Expires: Febru | ary 28, 1995 | | | |
| | DEFARTMEN | | | 5 | . LEASE DESIGNATION | AND SERIAL NO. | | | |
| | BUREAU OF | ELAND MANAGEME | NT | | NW-92/81 | | | | |
| APPL | ICATION FOR P | ERMIT TO DRIL | L OR DEEPEN | | 3. IF INDIAN, ALLOTTE | B OR TRIBE NAME | | | |
| | | DEEPEN | | 7 | Gaucho | NAMB | | | |
| | VELL OTHER | | | | FARM OR LEASE NAME, WI | | | | |
| 2. NAME OF OPERATOR | VELL OTHER | 2 | | ° | Gaucho Ur | | | | |
| Santa Fe Snyd | | | ····· | 9 | API WELL NO. | | | | |
| | | lland, Texas 7970 | 1 (915)682-6 | 373 1 | 0. FIELD AND POOL. | 34784 | | | |
| | | 1 in accordance with any | | | - | , W. Morrow | | | |
| (P) 660' FSL | & 660' FEL | OPER. OG | RID NO. 203 | 05 1 | 1. SEC., T., B., M., OR AND SUEVEY OR A | BLK. | | | |
| At proposed prod. zon | e | PROPERT | | 8 | Sec. 17, T-2 | | | | |
| 14 DISTANCE IN MILES | AND DIRECTION FROM NEA | | 759665 | | | | | | |
| | of Jal, New Mex | ico del DATE | 12-13-99 | | 2. COUNTY OR PARISH Lea | 13. STATE New Mexico | | | |
| 15. DISTANCE FROM PROPO | USED* | — AFINO. <u>3</u> | D-025-34 | 789 - 1 | CRES ASSIGNED | [| | | |
| LOCATION TO NEARES PROPERTY OR LEASE L (Also to nearest drig | LINE, FT. | 660' | 640 | THIS | WELL 3 | 20 | | | |
| 18. DISTANCE FROM PROP TO NEAREST WELL, D OR APPLIED FOR, ON TH | COSED LOCATION® RILLING, COMPLETED, | 19. P | ROPOSED DEPTH 13600' | 20. ROTARY | OR CABLE TOOLS Rotary | | | | |
| 21. ELEVATIONS (Show who | ether DF, RT, GR, etc.) | | | · · · · · · · · · · · · · · · · · · · | 22. APPROX. DATE WO | BK WILL START* | | | |
| 3457' GR | | | | | December | r 6, 1999 | | | |
| 23. | | PROPOSED CASING AN | D CEMENTING PROGRA | М | | | | | |
| SIZE OF ROLE | GRADE, SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | 1 | QUANTITY OF CEME | NT T | | | |
| 26" | H-40 20" K-55 9 5/8" | 94.0 | 900' -000 WIT | | sx to circul | | | | |
| 12 1/4" | S-95 & P-110 7 | 40.0 | 5000 | | 1550 sx to circulate 800 sx to TOC @ 6000' | | | | |
| 6 1/8" | s-95 4 1/2" | | 13600' | | sx (circ to) | | | | |
| productive plugged an | , a 4 1/2" liner d abandoned in a | epth sufficient will be run to ? manner consister l and Gas Order P | TD. If non-product the second se | uctive, th Regulation | ne well will h ns. Specific | | | | |
| Exhibit Exhibit Exhibit | A - Operations B - BOP and Cho | ke Schematic 5-M Choke Schematic 1 uid Program | Exhi LO-M Exhi Exhi | bit F - Ma bit F (A) bit G - We | opo Map at Loo ap Showing Ex: - Plat of Loo all Site Layon d Operations | isting Wells cation ut | | | |
| restrictio described Bond Cover | ns concerning op above. age: Blanket Bo | pts all applicable erations conducte nd BL proposal is to deepen, give data is and measured and true vertice | ed on the leased M Bond File No.: | land or p App UT-0855 | ROVAL SUBJ | REMENISAN | | | |
| signed ames | P. Philistur | | ent for Santa Fe | | | | | | |
| (This space for Feder | al or State office use) | | | | | | | | |
| PERMIT NO. | | | APPROVAL DATE | | | | | | |
| | | licant holds legal or equitable titl | | case which would e | entitle the applicant to con | duct operations thereon. | | | |
| | NA SING NEW | Assistant FIE | ld Office Manager, | | ana ta Barta | | | | |
| APPROVED BY | | | Linerals | D/ | ATE | | | | |
| | | Jee Instructions | On Reverse Side | | | 2 | | | |

Title 18 U.S.C. Section 1001, makes 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 any matter within its jurisdiction.

うろう



.

DISTRICT I P. O. Box 1980 Hobbs, NM 88241-1980

State of New Mexico Energy, Minerals, and Natural Resources Derrtment

OIL CONSERVATION DIVISION

P. O. Box 2088 Santa Fe, New Mexico 87504-2088

.

Form C-102 Revised 02-10-94

instructions on back

Submit to the Appropriate District Office State Lease — 4 copies Fee Lease — 3 copies

AMENDED REPORT

DISTRICT II P. O. Drawer DD Artesia, NM 88211-0719

DISTRICT III 1000 Rio Brazos Rd. Aztec, NM 87410

۱,

DISTRICT IV P. O. Box 2088 Santa Fe, NM 87507-2088 WELL LOCATION AND ACREAGE DEDICATION PLAT

| OPERATOR CERTIFICATION / hereby certify that the information contained herein is true and complete le the best of my knowledge and belief. Bitenatures James P. "Phil" Stinson Thite Agent for Santa Fe Snyder 11-11-99 SURVEYOR CERTIFICATION / hereby certify that the well location shown on this plat was plotted from field noise of actual sources made by me or under my supervision, and that the best of my belief. Date of Survey OCTOBER 28, 1999 BigmatureSchurger OCTOBER 28, 1999 BigmatureSchurger V. LYNN BEZINEFA ************************************ | 1 API Number | | 2 Pool Code | 3 Poo | l Name | | | | | | |
|--|---|------------------------------|-----------------------------------|-----------------------------------|---------------|---|------------------------------|---------------------------------|------------------|------|---|
| **Property Code ** Construction * | 30-025 | ~34789 | 96665 | | Oio Chis | o W. (Morroy | J) | | | | |
| *GOED No. 20305 * Operator Name SANTA FE SNYDER CERPERATION * Evention 3457' UL or ict mo. P Section Township 22 SOUTH Sange 34 EAST, N.M.P.M. Ist 146 Feet from the Morth/South Has Peet from the Sect/Test Has 050'T Section East/Test Has 24 EAST County Last ''B OPTIOM HOLE LOCATION IF DIFFERENT FROM SURFACE ''Borth/South Has Section Section Section Section Section Section Section Section County ''B Dedicated arree ''Joint or Infill ''Consolidation Code ''Order No. Section Sect | * Property Code | | | | | | | | | | |
| 20305 SANTA FE SNYDER CORPORATION 9457' "SURFACE LOCATION UL or ist no. Section Township Bases 17 22 SOUTH Geo' SOUTH Geo' East County 'BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE UL or ist no. Section Township Bange Lot Ma Feet from the Neet/Yeart line County 'BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE UL or ist no. Section Township Bange Lot Ma Feet from the Neet/Yeart line County 'BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE UL or ist no. Section Township County 320 NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OCONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION I Antipic Construction the first information colspan="2">CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION I Antipic Construction the Section the Section of Mone on the plate way and of my howhedded completed of any bounded colspan="2">CONSOLIDATED | 18928 | , | | | 6 | | | | | | |
| * SURFACE LOCATION Ut or iot no. Section P South South P P P South South Base P P South South Base P P P South Base P P P South Base P P P P South Base P P P P P P P P P P P P P P P P P P P | ' OGRID No. | | | | | | | | | | |
| Ut or iot no. Section Township Range Lot Ma Pet from the Morth/South Hase Feet from the GGO' EAST ULA "BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE Ut or ist no. Section Township Range Lot Ma Peet from the Morth/South Hase Feet from the Sect/West Has County "BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE Ut or ist no. Section Township Range Lot Ma Peet from the Morth/South Hase Feet from the Sect/West Has County "BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE "Decision or Latill * Consolidation Code * Order No. 320 NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION James P. "Phil" Stinson The Division SURVEYOR CERTIFICATION Interfor Santa Fe Snyder James P. "Phil" Stinson The Site of Survey OPENT <td <="" colspan="2" td=""><td colspan="6">20305 SANTA FE SNYDER CORPORATION</td><td></td><td>3457</td><td>•</td></td> | <td colspan="6">20305 SANTA FE SNYDER CORPORATION</td> <td></td> <td>3457</td> <td>•</td> | | 20305 SANTA FE SNYDER CORPORATION | | | | | | | 3457 | • |
| P 17 22 SOUTH 34 EAST, N.M.P.M. 660' SOUTH 660' EAST IEA "BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE Ut or iot no. Section Tormahip Range Lot ide Feet from the North/South line Feet from the East/Vert line County "Dedicated Acree "Joint or Ianill "Consolidation Code "Order No. 320 NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE EEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION "OPERATOR CERTIFICATION (Interlog colspan="2">(Interlog colspan="2") OPERATOR CERTIFICATION Interlog colspan="2">(Interlog colspan="2") OPERATOR CERTIFICATION (Interlog colspan="2") (Interlog colspan="2") Interlog colspan="2" SURVEYOR CERTIFICATION (Interlog colspan="2") (Interlog colspan="2 | " SURFACE LOCATION | | | | | | | | | | |
| "BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE UL or iot no. Section. Township Range Lot ida Feet from the North/South His Pediosted Acree Joint or Ianil "Consolidation Code "Order No. 320 NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION "OPERATOR CERTIFICATION // Areaby certify that the information contained herein is true and complete to the best of my knowledge and blick. "Magestury" "Intel Contained herein is true and complete to the best of my knowledge and blick. "Magestury" "Intel Contained herein is true and complete to the best of my knowledge and blick. "Magestury" "Intel Contained herein is true and complete to the best of my knowledge and blick. "Magestury" "Intel Contained herein is true and complete to the best of my knowledge and blick. "Magestury" "Intel Contained herein is true and contained herein is true and contained herein is true and contained herein is plate was plotted from field notes of actual surveys more they more under my surveys and correct to the best of my beliek. SURVEYOR CERTIFICATION Intel Contained by the outdet my surveys is true and correct to the best of my beliek. Bate of Survey NO.THEOR LINESCENT FOR SUPPORT SURVEYOR CERTIFICATION Intel Contained by the intel Contained by the int | UL or lot no. Sectio | on Township | Range | nge Lot Ida Feet from the North/S | | | Feet from the | East/West line County | | | |
| UL or iot na Section Tornahip Range Lot ide Peet from the North/South line Peet from the East/Veet line County "Dedicated acree U Joint or Infill " Consolidation Code " Order No. 320 NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION // Areaby certify that the information contained herain is true and complete lot the best of my homes of the true Agent for Santa Fe Snyder bit // SURVEYOR CERTIFICATION // Areaby certify that the well accion shown on this plat was plated form field noise of actual well | P 17 | 22 SOUTH | 34 EAST, N.M.P.M. | | 660' | SOUTH | 660' | EAST | LEA | | |
| ¹⁰ Deducted Acree ¹⁰ Joint or Infill ¹⁰ Cosmolidation Code ¹⁰ Order No. 320 NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION 1 OPERATOR CERTIFICATION / Interby certify that the information of my knowledge and belief. 1 Interby certify that the information of my knowledge and belief. 1 Interby certify that the information of my knowledge and belief. 1 Interby certify that the information of my knowledge and belief. 1 Interby certify that the information of my knowledge and belief. 1 Interby certify that the information of my knowledge and belief. 1 Interby certify that the well of my knowledge and belief. 1 Interby certify that the well of my knowledge and belief. 1 Interby certify that the well of my knowledge and belief. 1 Interby certify that the well of my knowledge and belief. 1 Interby certify that the well of my knowledge and belief. 1 Interby certify that the well of my knowledge and care to the best of my belief. 1 Interby certify that the well weak of actual provision, and that the set of my belief. 1 Interby certify that the well weak of actual provision formation formation the well provision formation the weak of actual provision formation the well provision formation t | "BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE | | | | | | | | | | |
| 320 NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION / hardby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature // Artig / hardby // hardby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature // Artig / hardby // hardby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature // Artig / hardby // hardby certify that the well // hereby certify that the best // hereby certify that the best // hereby certify that the best // hereby certify that the well // hereby certify that the best // hereby certify that thereby certify that thereby | UL or lot no. Sectio | on Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County | | |
| 320 NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION / hardby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature // Artig / hardby // hardby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature // Artig / hardby // hardby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature // Artig / hardby // hardby certify that the well // hereby certify that the best // hereby certify that the best // hereby certify that the best // hereby certify that the well // hereby certify that the best // hereby certify that thereby certify that thereby | ļ | | | | | | | | | | |
| NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION / hereby certify that the information / ames P. "Phil" Stinson Tile Agent for Santa Fe Snyder Date // hereby certify that the well /oction shown on this plat was // same is true and correct to the best of my bolief. Date of Survey OCTOBER 28, 1999 Bignatures (Salther St. 1999) Bignatures (Salther St. 1992) | | ³ Joint or Infill | ¹⁴ Consolidation Code | 15 Order 1 | io. | | | | | | |
| CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION / hardy cartify that the information contained hards is fue and competed to the base of my knowledge and basic Strated Manae James P. "Phil" Stinson Title Agent for Santa Fe Snyder Date of Sarrey OCTOBER 28, 1999 Strature at the base Strate Control of the Strate Strate Strate Control of the Strate S | 320 | | l | l | | | | | | | |
| OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete is the best of my knowledge and belief. Bignature I ames P. "Phill" Stinson Thile Agent for Santa Fe Snyder II-11-99 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plated for field neise of actual Surveys made by me or under my supervision, and that the same is true and correct to the best of my bollef. Date of Survey OCTOBER 28, 1999 Signature, Survey Score 660' Score Cerdital System Line Cerdital System Line Survey | | | | | | | | | | | |
| Critical Survey Control Walk of the State of a Complete to the best of my knowledge and belief. Strature "Phill" Stinson This Agent for Santa Fe Snyder Date 11-11-9 SURVEYOR CERTIFICATION 1 hereby certify that the well location shown on this plat was plated from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Surrey OCTOBER 28, 1999 Strature (The Stringer (The Stringer (The Stringer)) Survey Control (The Stringer) Survey (The Stringer) | • | | | | | · · · · · · · · · · · · · · · · · · · | | | | | |
| Contained herein is true and complete to the best of my knowledge and beliet. Bignatures of my knowledge and beliet. Dates P. "Phil" Stinson This Agent for Santa Fe Snyder Big 1:11-99 SURVEYOR CERTIFICATION / hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey OCTOBER 28, 1999 Struet Stature N. LYNN BEZNER 35 NO. THEN SURVEY DESS. J. 449 Certified Name LNN DESS. #7820 | | | 1/1/17 | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | |
| lo the best of my knowledge and belief. Signature (P) - M' Grinde Name James P. "Phil" Stinson Title Agent for Santa Fe Snyder Date 1:-1]-99 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was platted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey OCTOBER 28, 1999 Signature Set of Survey OCTOBER 28, 1999 Signature Set of Survey OCTOBER 28, 1999 Signature Set of Survey NO.7720 Signature Set of Survey S | | İ | | | | <u>Š</u> | I hereby cert | ify that the info | ormation | | |
| Strature of Phil [®] Stinson This Arent for Santa Fe Snyder Bis (1-11-99 SURVEYOR CERTIFICATION / hereby certify that the well footion shown on this plot br>well footion shown on this footion shown on | | | | | | 81 | | | | | |
| James P. "Phil" Stinson File Agent for Santa Fe Snyder Date Image S. "Phil" SURVEYOR CERTIFICATION / hereby certify that the well / oction shown on this plat was plate y supervision, and that the some is true and correct to the best of my belief. Date of Survey OCTOBER 28, 1999 Signature Start for Market Start for Start S | | | Ň | | | - N- | | | | | |
| Griated Name James P. "Phil" Stinson Title Agent for Santa Fe Snyder Date 11-11-99 SURVEYOR CERTIFICATION / hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey OCTOBER 28, 1999 Supature State Protection Guilder W. LYNN BEZNER * NO.7/2005 //. LYNN Certification Survey Cardinal Survey Cardinal Survey Certification Survey Cardinal Survey Cardin | | | N N | | | | 11 A V | A. B.A. | 10 | | |
| Tile Agent for Santa Fe Snyder Date 11.11.99 SURVEYOR CERTIFICATION / hereby certify that the well location shown on this plat was plotted from Field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey OCTOBER 28, 1999 Strature of Survey BEZNER NO.7920 SURVEY NE LAW PLAN Certified No.7920 660' K. LYNN Survey BEZNER NO.7920 SURVEY NO.7920 SURVEY NO.7920 SURVEY | | | | | | | Printed Name | | Calerro. | | |
| Agent for Santa Fe Snyder Date 11-11-99 SURVEYOR CERTIFICATION 1 hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey OCTOBER 28, 1999 Signature Survey Su | | | | | | | | | | | |
| Date 11-11-99 SURVEYOR CERTIFICATION / hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey OCTOBER 28, 1999 Signature and set of the BEZNER NO.77200 Solo V. LYNN Good' 660' 660' | | | | | | | | | | | |
| II-II-99 SURVEYOR CERTIFICATION / hereby certify that the well / location shown on this plat was plated from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of survey OctoBER 28, 1999 Strature of survey BEZNER NO.7820 5 660' 650' V. LYNN V. LYNN BEZNER Survey V. LYNN Survey Survey < | | ł | \sim | | İ | | Agent for | <u>Santa Fe S</u> | nyder | | |
| SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey OCTOBER 28, 1999 Stenature and the BEZNER V. LYNN BEZNER 5, NO.7920 5, | | ļ | N N | | | N I | | 99 | | | |
| I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey OCTOBER 28, 1999 Signature and Same Professional durwer Merses NO.THER BEZNER MO.THER Same 1, 1449 Certified and correct 10 the best of my belief. The same is the same of the best of my belief. The same is the same of the best of my belief. The same is the same of the best of my belief. The same is the same is the same of the best of my belief. The same is the same is the same of the best of my belief. The same is the same is the same of the best of my belief. The same is the same is the same of the best of my belief. The same is the same of the same is the same of the best of my belief. The same is the same of the best of my belief. The same is the same of the best of my belief. The same is the same of the best of my belief. The same of the same is the same of the best of my belief. The same of the same of the same of the best of my belief. The same of the same of the same of the best of my belief. The same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of | | | R I | | | | | | | | |
| I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey OCTOBER 28, 1999 Signature and Same Professional durwer Merses NO.THER BEZNER MO.THER Same 1, 1449 Certified and correct 10 the best of my belief. The same is the same of the best of my belief. The same is the same of the best of my belief. The same is the same of the best of my belief. The same is the same is the same of the best of my belief. The same is the same is the same of the best of my belief. The same is the same is the same of the best of my belief. The same is the same is the same of the best of my belief. The same is the same of the same is the same of the best of my belief. The same is the same of the best of my belief. The same is the same of the best of my belief. The same is the same of the best of my belief. The same of the same is the same of the best of my belief. The same of the same of the same of the best of my belief. The same of the same of the same of the best of my belief. The same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of | | | Ň. | | | | CIIDIDIDIO | | | | |
| location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey OCTOBER 28, 1999 Signature soit Seal of V. LYNN BEZNER * BEZNER * BEZNER * Certitievel No.7220 5 V. LYNN Certitievel No.7220 * V. LYNN Certitievel No.7220 * V. LYNN Certitievel No.7220 * V. LYNN Certitievel No.7220 * V. LYNN Certitievel No.7220 * V. LYNN Certitievel No.7220 * V. LYNN * V. LYNN * * * * * * * * * * * * | | | K | | | | SURVEIUE | CERTIFICA | TION | | |
| plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey OCTOBER 28, 1999 Signature and Sale of V. LYNN BEZNER SURVEY V. LYNN BEZNER SURVEY Correction of Survey V. LYNN Certime of Survey V. LYNN Survey | | | N N | | | 31 | I hereby co | ertify that th | e well | | |
| Surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Surrey OCTOBER 28, 1999 Signature and Same is V. LYNN BEZNER * BEZNER * Certificat Autority V. LYNN Certificat Autority Certificat Autori | | | | | | | location sho plotted from | wn on this pl field notes of | at was actual | | |
| Same is true and correct to the best of my belief. Date of Surrey OCTOBER 28, 1999 Signature and Seal of Professional Query MC V. LYNN BEZNER Solution BEZNER Solution Certification V. LYNN Certification V. LYNN Certifica | | | <u> </u> | | | 31 | surveys ma | de by me or | under | | |
| best of my belief. Date of Survey OCTOBER 28, 1999 Signature and Seal of Professional Surveyor // BEZNER * BEZNER * BEZNER * Certification (NOT * 20) * V. LYNN * Certification (NOT * 20) * V. LYNN * Certification (NOT * 20) * V. LYNN * Certification (NOT * 20) * V. LYNN * Certification (NOT * 20) * V. LYNN * Certification (NOT * 20) * V. LYNN * Certification (NOT * 20) * V. LYNN * Certification (NOT * 20) * V. LYNN * Certification (NOT * 20) * V. LYNN * Certification (NOT * 20) * V. LYNN * Certification (NOT * 20) * V. LYNN * Certification (NOT * 20) * V. LYNN * Certification (NOT * 20) * V. LYNN * Certification (NOT * 20) * V. LYNN * V. LYNN * * * * * * * * * * * * * * | | | \sim | | | 31 | my supervi | sion, and th | at the | | |
| Date of Surrey OCTOBER 28, 1999 Signature Gaid Seel jo Professional Survey of Market BEZNER BEZNER Solution State 1999 V. LYNN BEZNER Solution State 1999 V. LYNN BEZNER Solution State 1999 V. LYNN Certile Ital No. 7720 V. LYNN Certile Ital No. 7920 V. LYNN Certile Ital No. 7920 V. LYNN Certile Ital No. 7920 V. LYNN Certile Ital No. 7920 V. LYNN Solution State 1999 Signature Gaid State 1999 Signature Gaid State 1999 Signature Gaid State 1999 V. LYNN V. | | | Ň | | | 3 | best of my | e and correct belief. | (o (n e | | |
| OCTOBER 28, 1999 Signature Said Seal of Professional Surveyor V. LYNN BEZNER BEZNER NO.7520 S. U.LYNN Certificated Not V. LYNN Certificated Not V. LYNN V. LYNN Certificated Not V. LYNN V. LYNN Certificated Not V. LYNN V. LYNN | | 1 | N . | | 1 | 31 | | | | | |
| 660' Certifierte Min Professional Startwy of Min Professi | | 1 | 2 | | Ì | 31 | | | | | |
| 660' V. LYNN BEZNER NO.7720 5 V. LYNN BEZNER NO.7720 5 V. LYNN BEZNER V. LYNN Certification (1990 V. LYNN V. LYNN Second State V. LYNN Second State V State | | 1 | Ň | | | 3 L | | | | | |
| 660' Certific to Min Parts. #7920 | | i i | | | | 31 | Signature | Sel State | | | |
| 660' BEZNER * BEZNER | | | Ň | | | 31 | E.S. | MEL | | | |
| 660' BEZNER * BEZNER | | | R . | | | 21 | I SA | •6 | à | | |
| 660' NO.7920 5 660' Certiline Land R. 11-4.97 V. L. LANDRIES. #7920 | | | \sim | | | | NEZE/V. | / X | | | |
| 660' V. L. Cortille U. NO. V. L. LANDRES. #7920 | | | Ň | | ł | 660' | | | | | |
| 660' Certile te No: 60 J V. L. DEZNER LANDR. 5. #7920 | | 1 | Ň | | | 1-000 3 | NO Sten | 0.1920 | 11. da | | |
| V. LANDER LANDERES. #7920 | | | N N | | | 660' | Cart State | 10234 | L" + 78 | | |
| | | 1 | R | | | | V. LABEZNI | B LANDR BS | #7920 | | |
| | L | i | | 11/11 | 11X/1/// | 1/1/2/17 | | | V.H.B. | | |

DRILLING PROGRAM

SANTA FE SNYDER CORP.

Gaucho Unit No. 6

In conjunction with Form 3160-3, Application to Drill the subject well, Santa Fe Snyder Corp. submits the following ten items of pertinent information in accordance with Onshore Oil & Gas Order No. 1.

- 1. Geologic Name of Surface Formation: Alluvium
- 2. Estimated Tops of Significant Geologic Markers:

| Rustler | 1050' |
|-------------|--------|
| Salado | 1400' |
| Delaware | 5000' |
| Bone Spring | 8450' |
| Wolfcamp | 10900' |
| Strawn | 11900' |
| Atoka | 12100' |
| Morrow | 12700' |
| Total Depth | 13600' |

3. The estimated depths at which water, oil or gas formations are expected:

| Water | None expected in area |
|-------|-----------------------|
| Oil | Bone Spring @ 9100' |
| Gas | Upper Morrow @ 13100' |

- 4. Proposed Casing Program: See Form 3160-3 and Exhibit A
- 5. Pressure Control Equipment: See Exhibit B
- 6. Drilling Fluid Program: See Exhibit C
- 7. Auxiliary Equipment: A mud logging unit will be utilized to monitor penetration rate and hydrocarbon shows while drilling below 4600' to TD.
- 8. Testing, Logging and Coring Program:

Drill Stem Test: None Planned

Logging: Dual Laterolog W/MSFL and Gamma Ray 11850'-13600' Compensated Neutron/Litho-Density/Gamma Ray 5000'-11850' & 11850'- 13600' Compensated Neutron/Gamma Ray (thru csg) Surface-5000'

Coring: No conventional cores are planned.

GAUCHO UNIT NO. 6 Page 2

9. Abnormal Conditions, Pressures, Temperatures & Potential Hazards:

Abnormally high pressured zones with a bottomhole pressure of approximately 7500 psi could possibly be encountered while drilling the Pennsylvanian interval. Sufficient barite will be on location to enable the weighting up to the estimated 11.5 ppg to control any high pressure zone encountered. Along with the above mentioned primary control, a Blow Out Preventer System as outlined in Exhibit B will be utilized should the need arise to shut the well in prior to running and cementing the drilling liner. The estimated bottom hole temperature is $170^{\circ}F$. No Hydrogen Sulfide or other hazardous gases or fluids have been encountered, reported or are known to exist at this depth in this area. No major lost circulation zones have been reported in the offsetting wells.

10. Anticipated Starting Date and Duration of Operations:

Road and location work will not begin until approval has been received from the B.L.M. The anticipated spud date is <u>December 6, 1999</u>. Once spudded, the drilling operation should be completed in approximately 70 days. If the well is productive, an additional 30 days will be required for completion and testing before permanent facilities are installed.

EXHIBIT A OPERATIONS PLAN

SANTA FE SNYDER CORP.

GAUCHO UNIT No. 6 Section 17, T-22-S, R-34-E Lea County, New Mexico

- 1. Drill a 26" hole to approximately 800'.
- 2. Run 20" 94.0 ppf H-40 ST&C casing. Cement with 775 sx 35/65 POZ w 6% gel & 1/4 pps Cello-Flake followed by 250 sx Class "C" cement containing 2% CaCl₂. Run centralizers on every other joint above the shoe. Apply thread lock to bottom two joints and guide shoe.
- 3. Wait on cement twelve hours prior to cutting off.
- 4. Nipple up an annular BOP system and test casing to 600 psi. WOC twentyfour (24) hours prior to drilling out.
- 5. Drill a 12-1/4" hole to approximately 5000'.
- 6. Run 9-5/8" 40.0 ppf K-55 ST&C casing. Cement with 1150sx Cl "C" Lite containing 12 pps salt and 1/4 pps celloflake followed by 400 sx Class "C" with 2% CaCl₂. Run guide shoe on bottom and float collar two joints from bottom. Centralize every other joint for bottom 400' of casing and place two centralizers in surface casing. Thread lock bottom 2 joints.
- 7. Wait on cement for twelve hours prior to cutting off.
- 8. Nipple up and install a Double Ram and Annular BOP system with choke manifold.
- 9. Test BOP system to 3000 psi. Test casing to 1500 psi.
- 10. Drill 8-3/4" hole to the first good lime section after drilling into the Wolfcamp, which is anticipated to be at approximately ±11850'. Run logs.
- 11. Run 11850' of 7" 26.0 ppf S-95 & P-110 LT&C casing set @ 11850'. Cement with 500 sx "Light" cement followed with 300 sx Class "H". Run guide shoe on bottom and float collar two joints off bottom. Centralize bottom 1000' of casing with one centralizer on every other joint. Thread lock bottom two joints. Our plan is to bring the top of cement to ±6000'.
- 12. Nipple down BOP. Set slips. Cut off casing. Nipple up 10000 psi BOP Stack. Test to 10000 psi.
- 13. Test casing to 2500 psi.
- 14. Drill a 6-1/8" hole to ±13600. Log. Run and cement a 4-1/2" 13.5 ppf S-95 flush joint liner from 11650'-13600'. Cement with 225 sx Class "H" containing necessary additives. Lay down setting tool and RIH with a 6-1/8" bit to dress off the liner top. Perform negative test on liner top.
- 15. Clean out inside of 4-1/2" liner.
- 16. Run production equipment and test well as necessary.

\gaucho-7.doo



•



.

•

EXHIBIT C DRILLING FLUID PROGRAM SANTA FE SNYDER CORP. GAUCHO UNIT NO. 6 Section 17, T-22-S,R-34-E Lea County, New Mexico

0 - 800'

Spud mud consisting of fresh water gel flocculated with Lime. Use ground paper for seepage control and to sweep the hole. MW-8.5 ppg and Vis-40.

800 - 5000'

Drill out with fresh water circulating the reserve pit. Utilize ground paper mixed in prehydrated fresh gel to sweep the hole. MW-8.5 - 8.8 ppg and Vis-28.

<u>5000 - 11850'</u>

Drill out with fresh water circulating the outer portion of the reserve pit. Maintain pH at 8.5-9.5 with caustic and sweep the hole as necessary with ground paper. Keep mud weight as low as possible. MW-8.4/8.6 ppg and Vis-28.

11850'-13600'

Drill out with brine containing MF-55, circulating the steel pits. At 12000' mud up existing brine with XCD polymer/Drispac Plus mud system to an initial mud weight of 11.0 ppg with a 38-40 VIS. Add barite as required to control formation pressures and shale.

EXHIBIT D AUXILIARY EQUIPMENT SANTA FE SNYDER CORP.

. ~.

GAUCHO UNIT NO. 6 Section 17, T-22-S, R-34-E Lea County, New Mexico

| DRAWWORKS | National 80-B |
|----------------------------------|---|
| ENGINES | National 3 Section Compound w/3 Caterpillar D379 diesel engines |
| ROTARY | 27-1/2" National C-275 |
| MAST/SUB | Derrick Service International 142' jackknife. 25' high substructure |
| TRAVELLING EQUIP N ENT | National 545-G 350 ton hook and block. National P-400 ton swivel |
| PUMPS | Two National 8-P-80,6-1/4" x 8-1/2" 800 HP triplex pumps charged by 6" x 8" centrifugal pump |
| PIT SYSTEN | Three steel mud pits with lightning mixers. Two 6" x 8" centrifugal pumps each driven by a 75 HP electric motor |
| light Plant | Two 320 KW AC generators each powered by a turbocharged diesel engine |
| BOP EQUIP. | 13-5/8" 5000 psi WP double ram and 13-5/8" 5000 psi WP Shaffer Annular Preventer. Choke manifold rated at 5000 psi. Valvcon 5-station 80 gallon closing unit. |



EXHIBIT E TOPO MAP OF LOCATION AREA Santa Fe Snyder Corp. GAUCHO UNIT NO. 6 660' FSL & 660' FEL Section 17, T-22-S, R-34-E Lea County, New Mexico

÷

| | | CIVIT WHI | | ride F | rd | Yales Pet, elal | Enron | | | - (5000) | | | | - |
|-----------------------|---|------------------------------------|---|---------------------------------|---|--------------------------------------|--|--------------------------|---|--|--|--|---|-----------------------------|
| • | · 5.1 | | 34 rates 1 ⁴ | rida E 1+ 1 41 17440 | • | 4 1 99 V-4330 | · | Jumple # 11844 | | Hurtier (| 2 | # 431 61 | 44 144 | 8-18+0 Great We |
| | U.S. | | | 6antine 5.0010 | nlat ry | | Stare, Mf 1 Merchant | | 87A,72 313312 | il Ione) CHM (m. | | | | Onshere, |
| | Mary C Byrton | | ieum t | 7 '' | 4155 | | 0 | | 9 | | 10 | 0 | | · |
| | John n Burton Ir I Bl Ifaag | | Tense of | 5071'1 10 6 600 61 | | | Suc cont Stole 00 1-26 52 | | | Liner / | ed | | | C=101 |
| | المالية بالإنتكار دريم دريم دريم | | (С) U.S., MI | | | -0X2-36 62 -0 ^{1-AC} | | " Grama Ridge+Fed." | | 34 | | · | 'E Greme | |
| ght | | | | State, S Sunta Fe E | | \$No | r | PTA.VE I | <i>U.S.</i> | <u> </u> | U 874 | · | | |
| | Ny ich 51 | ell Engr 17: 1004 | | 11- 1- 91 63556 | | ji tai 2004 | | B-1040 / | | | | | 5 | |
| | 1 " | | μμη 4 ^μ | | 110 🗳 | | 1777, HEC N/2 | | (Tales Fet ell) * ast. ast. [] (1:13: 0:19:) | | BTA (| | | |
| | | | | 18 | | | 7 | i | 16 | | | | ·· | 16 6 |
| | 1414 Sonia 11.414 Sonia 1.414 See 34144 Ener 34144 0 33 154150 | Asher Oil | <u>шл</u> ь 1 | Peter Pres | | | Í | | 10 | Vood. | 8TA | · · - | 1 | 0 14 |
| | | 1 124.46 |]/=u / | 6637: | | \$ ⁷ | 1.151 million | | | 55964 | 170 6A 60 11 | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | វដ |
| • | . U.S. Marchane Le | l , Ml ve Sreek Co. | Merch | U.S., MI mi Live Sia | | U.S. MI SNORD, S | '&" 6 | ¢ ¹ | 22 | 34 | U. | Yates Pet 5. 8114 230 | t, etal - 34 - 1 | |
| fat. | | teil 1384 | XX4 | | | F.L.Engle | (antininte) | B T A | | Hunta | | [| | |
| | 1 ¹ 21 | 10 22 2004 | 63536 | | ,-0 6150 / 1 CI(3) | | | 6 91 43564 | | 3 | Liexal Bruns Jocqu | ght L Ian Iar Ann | H8C W2 | |
| | • | | JVA 1 | | | 184333 CAT 6 95 | \$4 | | | ļ | | 10384 046-1 14tes 14tes 14tes 14tes 14tes 14tes 14tes 14tes 14tes 14tes | 1-12 | |
| | | 24 | יז = בינינ | | | | 0 | | 21 . | | 2 | 2 30313 7 30313 31 52 | 1101405 | Bruns |
| | * <u>E.UII.</u> | Mitchell Ener. - 74 79730 | ה האינ | Santa Fe f 3 91781 110 02 | 22.4 | ,」((1) の(学者 | Santa Fe far 3 1 2004 3 1111 120 11 | | | | | - | * | E. MER. C.o CA TD1473 |
| | U. | | , """ | U.S. | | | 1 1 7, 5, | 1 | ,, r | | • • | | | (PYA 132 P/0126 |
| <u> </u> | F L. Engle | Santa fe Ener | <u>, , 11 il</u> | Sunta le Li | ncr. | Santa Fe Ener: | / . | | <u>u.s</u> | BTA | | S. BTA 4 | ا.0 امرًا | |
| | 1 - 1 - 25 61360 | 6 . 1 . 56 66 271 | | 61:-76 | I | 12- 1- 51 63576 | | د د | 16 Fe Erici 1 7005 14 G Z N | 6-1-31 43564 | Hup 1 41540 | BTA 1 | H#P 43165 | oje (hi red. |
| ngle \$2 | | | 7169 m [] | | | · | \$ ¹ | | 1038 | | الي. محمد (المرك | · · | | |
| | 2 | 5 | ار مربان | 307 | nla Fe Ener | : | 29 | ł . | 28 | | Մասեր | 7 | | |
| 1746 173 | | Asher Oil 1 + 1 = 01 | | | 6 1 76 66271 | <u></u> ₽¥ | F.L.Engre 7 + 1 - 95 61360 | | | HOP | 16-1 91 143364 | 1 43565 4 | 13564 | |
| | | | านเน ส | 1 | | | | | | 73365 | 1 | | rells | * |
| | U.S., MI | <u> </u> | | <u> </u> | | U.S. MI Shore, S | <u> </u> | | U.S. | | U. | ting and the second second second second second second second second second second second second second second s | | 3.555 |
| | Canoca · Inga Bilatsi | Conoco I | <u>лаг - х</u> | Cent ~_nte / 1 61/1 | | I H B | nentel } U. | Camierra Res. | Amoco HBP | Amoco HBP | | | 5 1 Jul | 10 11 (3 mm |
| 1 | (unil) 1 - 1 Kaiser-Francis | B 10752 (Unit) | | CONOCO | | É· | 434 | 6.1.97 89063 13522 | 1 0141 | 13147 Manud Eapli | STA SJTEJV-I Alatus | 1114 | 3 | 1370 |
| 1 | 88P E 3513 | I | 68 | LL LAK | E UNIT | - | - | i · | i | in the second | · · | Maxv Iv (1) | ່ຽ | , Adda |
| 1 | 1 | | 11 35 4 1 ¹ | | | 3 | 2 | l | 33 1 price Per 1 colling | 1 | 3 | 4 | | Fede |
| l | } | t din 1 | | u J | -h | | Amerida | Completion Red | U. S. DIA I 4 74 | ļ | 1.2Mil. | | | |
| | 5. | *** | | U.S., MI , Henich Bro | s.,(S) | . Sr | 1 H80 1 H80 1 Juliite 1 Juliite | 89963 US. | е (Атосо МІУ- НВР сh Всея,(S) | U.S. M.I. Henich | 1 ****.r.s | /.23.34* #4 5. | ** | •• |
| 1 1 1 | Had Allera I Mudsont-Lewis | | ار بارال مەرى | anna Ragan cc four | mah0£.G) | Conace | BurmohOC.G | 1 R L Dunley h | | Bres (S) | i and the second second second second second second second second second second second second second second se | Geeil III | 416 14 14 | дац. |
| et etat 199 141 | cial HBP D66434 | 7.1 1-11 068387 | 017 | 14 jame | rodalless | HUP 01244 | 5-1-t 0581 | 137394 | 1 101 12 1 101 12 | 1 H8P | - B.TA - + 0 13.6 | iu. 1 | Beke V, Hugi 011 rz HBF 13142 | |
| | א 8 ט. | н.в.у. | 31-1-1 A | N 0 | | LAKE | • | 810nco Co. | 1 / 8TA. VI | USMin Hanich Brozist | | ** ¹ | | |
| | | | n 74 - 7 | 6- | Conoco - | BurmahOf.G | 5 | 92199 41 00 Belco, V2 | | | | 3 6 3 ANIE | | |
| | | etal 315P 8+6438 | Burmal 3+1- 05- | 10 2,0 2 | 01244 | Amerada Amerada No. U cil Lake | 01244 | Hunt Oil, ha | Απόςο. ευ μικι | Hun 3 - 1 | 10142 | ļ | | (กกX) LG- |
| 1 | us | H.8.U. | n#= | • | 2 - 0 se 1 2 - 5 3 00 2 3 - 5 - 1 | Livestock (S) | | 13143 | | US Min | ٦ | 1 | 1000 | 51.800 |
| | Cinice Bras (S) | US M.I. Stateist | <u>1111-</u> | U. S. 8 | <u>1" (45 c U- 1"</u> | Livestockis | the second second second second second second second second second second second second second second second s | | .S., HI ich Bros.(S) | Hornich Bros (S) | <u> </u> | | ×1.1 | |
| · | Union + 8 P | Amerada 1 MBP | | 0naca 3-1-1 | Canaca 3-1-58 | Conoco 3-1-58 | Tripor Res Kaiser- HBP Irences | P | hillips HBP | 1 (1.1.1) | JC Wi | let i j | ingkysin (Flarida | (C.R.H. B.TA 11.1.14 |
| l | E-3999 | Γ.1 * 35 | א <i>א</i> וון | 065194 | 06488 | | 0111 Har 060734 | N (| -1932 | 1 | 11 744 (3 | igbel) | Expland | |
| | Union I. | | | | - | - | | | ť | 10 10 10 10 10 10 10 10 10 10 10 10 10 1 | 15 41 Pasi | 2101) 21 1 88 33164 7. 919 | [PIB] * | |
| | A Articular M LSHUTE 12 In Speed | | | | | 54 | יטדטדה ש | | | | jimini I | ⊙ <u>}</u> -9*. 4 | 14.000 m | Am. |
| . | State L(1 Hanich Bras.(S) | | | | | EXHIBIT F Existing wells | | | | | Kiel. | •••• | 16 1.44 | * |
| • | U 1 1113 5. | i i | нит | | | Santa Fe | | | | ন্দে ২০ | 36- () | (1) (1) (1) (1) (1) (1) (1) (1) | ¢' | |
| | 3. | | J annan I | | | | O UNIT N | | | | | <u>. 31810</u> | | |
| | | | den er er | | Se | | SL & 660 | ' Fel | E | <u>ú</u> | | | | |

Section 17, T-22-S, R-34-E Lea County, New Mexico

.





SANTA FE SNYDER CORP. MULTI-POINT SURFACE USE AND OPERATIONS PLAN GAUCHO UNIT NO 6 Section 17, T-22-S,R-34-E Les County, New Mexico

This plan is submitted with Form 3160-3, Application for Permit to Drill, covering the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of necessary surface disturbance involved, and the procedures to be followed by rehabilitating the surface after completion of the operations, so that a complete appraisal can be made of the environmental effects associated with the operation.

1. EXISTING ROADS.

A. Exhibit E is a 7.5 minute topographic map which shows the location of the proposed wellsite and roads in the vicinity. The proposed location is situated approximately 20 miles West of Jal, New Mexico.

DIRECTIONS

- From the intersection of State Hwy 128 & CR-21, go North and back East 9.6 miles, turn North 2.8 miles to the Gaucho Unit No. 1 location, continue northwest 0.3 miles, and turn right (north) 1.3 miles to the a pipeline ROW, turn right (northeast) 0.7 miles, turn right (south) 0.5 miles and turn right (west) 0.1 miles to the proposed location.
- 2. PLANNED ACCESS ROAD.
 - A. Build ±0.1 miles of new road from the existing road to the proposed location.
- 3. LOCATION OF EXISTING WELLS.
 - A. The well locations in the vicinity of the proposed well are shown in Exhibits E.
- 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES
 - A. There are five producing gas wells within the Gaucho Unit at this time.
 - B. In the event the well is productive, the necessary production equipment will be installed on the drilling pad.
- 5. LOCATION AND TYPE OF WATER SUPPLY.
 - A. It is planned to drill the well with both fresh water and brine water systems. Both types of waters will be hauled to the location by truck over existing roads. Both types will be obtained from commercial sources.

GAUCHO UNIT No. 6 Multi-point Surface Use and Operations Plan Page 2

- 6. SOURCES OF CONSTRUCTION MATERIALS.
 - A. Any caliche required for construction of the drilling pad will be obtained from a pit approved by the BLM.
- 7. METHODS OF HANDLING WASTE DISPOSAL.
 - A. Drill cuttings will be disposed of in the reserve pits.
 - B. Drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry.
 - C. Water produced during operations will be either placed in the reserve pits and allowed to evaporate or collected in tanks until hauled to an approved disposal system or a separate disposal application will be submitted to the BLM for appropriate approval.
 - D. Oil produced during operations will be stored in tanks until sold.
 - E. Human waste will be disposed of per current standards.
 - F. Trash, waste paper, garbage, and junk will be collected in trash trailers and disposed of in an approved waste facility such as a land fill. The trash trailers will contain all of the material to prevent scattering by the wind.
 - G. All trash and debris will be removed from the wellsite within 30 days after finishing drilling and/or completion operations.

8. ANCILLARY FACILITIES

None Required at this time.

9. WELLSITE LAYOUT

- A. Exhibit G shows the dimensions of the well pad and reserve pits, and the location of major rig components.
- B. The ground surface of the location is relatively flat. Minor cutting will be required to level the pad area, which will be covered with at least six inches of compacted caliche.
- C. The reserve pits will be plastic lined.
- D. A 400' X 400' work area which will contain the pad and pit area has been staked and flagged.
- 10. PLAN FOR RESTORATION OF THE SURFACE
 - A. After finishing drilling and/or completion operations, all equipment

GAUCHO UNIT No. 6 Multi-Point Surface Use and Operations Plan Page 3

and other material not needed for further operations will be removed. The location will be cleared of all trash and junk, to leave the wellsite in as aesthetically pleasing a condition as possible.

- B. Unguarded pits, if any, containing fluid will be fenced until they have been filled.
- C. If the proposed well is non-productive, all rehabilitation and/or vegetation requirements of the Bureau of Land Management and the United States Geological Survey will be complied with and will be accomplished as expeditiously as possible. All pits will be filled and levelled within 300 days after abandonment.

11. TOPOGRAPHY

- A. The wellsite and access route are located in a relatively flat area.
- B. The top soil at the wellsite and access route is sandy.
- C. The vegetation cover at the wellsite is moderately sparse, with prairie grasses, some mesquite bushes, and shinnery oak.
- D. No wildlife was observed but it is likely that deer, rabbits, coyotes, and rodents traverse the area.

12. OPERATOR'S REPRESENTATIVES

A. The field representatives responsible for assuring compliance with the approved surface use plan are:

Michael R. Burton Division Manager - Drilling Santa Fe Snyder Corp. 550 W. Texas, Suite 1330 Midland, Texas 79701 915-686-6616 - office 915-556-7063 - cellular GAUCHO UNIT No.6 Multi-Point Surface Use and Operations Plan Page 4

CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Santa Fe Energy Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which is approved.

SIGNED this 11th day of November, 1999

san

James P. (Phil) Stinson Agent for Santa Fe Snyder Corp.

CONFIDENTIAL LOGS ABOVE DATE WHEN INDICATE WHEN ЕГЕ

WILL BE RELEASED