District Office Energy, Minerals and Natural Resources Department Revis State Lease - 6 copies OIL CONSERVATION DIVISION API NO. (assigned by OCD on New DISTRICT I P.O. Box 1980, Hobbs, NM 88240 P.O. Box 2088 Santa Fe, New Mexico 87504-2088 3D-D25-32136	n C·101		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	sed 1-1-89		
Santa Fe. New Mexico 87504-2088	API NO. (assigned by OCD on New Wells) 3D-D25-32134 5. Indicate Type of Lease STATE X FEE		
Salita FE, NEW MEXICO 07.004-21188			
5. indicate Type of Lease			
P.O. Drawer DD, Artesia, NM 88210 STATE X			
DISTRICT III 1000 Rio Brazos Rd., Azzec, NM 87410 V	-2787		
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	///////////////////////////////////////		
1a. Type of Work: 7. Lease Name or Unit Agreement 1	Name		
DRILL KX RE-ENTER DEEPEN PLUG BACK			
OIL WELL WELL GAS SINGLE MULTIFLE WELL WELL OTHER ZONE Thistle Unit 33 St	ate		
2. Name of Operator 8. Well No.			
Santa Fe Energy Operating Partners, L.P. 2			
	deat		
550 W. Texas, Suite 1330, Midland, Texas 79701 Undesignated (Del 4. Well Location	aware)		
Unit Letter E : 1980 Feet From The North Line and 990 Feet From The West	Line		
Section 33 Township 23S Range 33E NMPM Lea	Courter		
	County		
	ry or C.T. .otary		
13. Elevations (Show whether DF, RT, GR, etc.) 14. Kind & Status Plug. Bond 15. Drilling Contractor 16. Approx. Date Work			
3676' GR Blanket - current To be determined August 15,			
3676' GR Blanket - current To be determined August 15, 17. PROPOSED CASING AND CEMENT PROGRAM	1993		
3676' GRBlanket - currentTo be determinedAugust 15,IT.PROPOSED CASING AND CEMENT PROGRAMSIZE OF HOLESIZE OF CASINGWEIGHT PER FOOTSETTING DEPTHSACKS OF CEMENTE17-1/2''13-3/8''48.0600'600 sxCirc	1993 EST. TOP		
3676' GR Blanket - current To be determined August 15, 17. PROPOSED CASING AND CEMENT PROGRAM SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT E 17-1/2'' 13-3/8'' 48.0 600' 600 sx Circ 12-1/4'' 8-5/8'' 32.0 5100' 2500 sx Surf	1993 ST. TOP . - surf.		
3676' GRBlanket - currentTo be determinedAugust 15,17.PROPOSED CASING AND CEMENT PROGRAMSIZE OF HOLESIZE OF CASINGWEIGHT PER FOOTSETTING DEPTHSACKS OF CEMENTE $17-1/2''$ $13-3/8''$ 48.0 $600'$ 600 sxCirc $12-1/4''$ $8-5/8''$ 32.0 $5100'$ 2500 sxSuff $7-7/8''$ $5-1/2''$ $15.5 \& 17.0$ $9200'$ 1500 sx 4800	1993 EST. TOP surf. ace		
3676' GRBlanket - currentTo be determinedAugust 15,7.PROPOSED CASING AND CEMENT PROGRAMSIZE OF CASINGWEIGHT PER FOOTSETTING DEPTHSACKS OF CEMENT $17-1/2''$ $13-3/8''$ 48.0 $600'$ 600 sxCirc $12-1/4''$ $8-5/8''$ 32.0 $5100'$ 2500 sxSuff $7-7/8''$ $5-1/2''$ $15.5 \& 17.0$ $9200'$ 1500 sx 4800 Move on location and rig up.Spud $17-1/2''$ hole and drill to $\pm 600'$. Run $13-3/8''$ $casing and cement with sufficient Class ''C'' containing 2% CaCl2 to circulate to surface. WOC 4 hours prior to cut-off and weld on 13-3/8'' casing head and NU 13 annular preventer and choke manifold. Test casing to 600 psi and BOP stack to 1500 psi. Drill 12-1/4'' hole to \pm 5100'. Run 8-5/8'' casing and cement with sufficient 35/65/6 Class C Lite followed by Class C Neat to circulate. Drill 7-hole to 9200'. Run 5-1/2''' casing and cement to 4800' with Class ''C'' cement with a stage collar at \pm 6000'.An 11''' x 3000 psi BOP stack will be nippled up on the 8-5/8''' casing. It will co$	1993 EST. TOP surf. ace '' -3/8" 7/8"		
3676' GRBlanket - currentTo be determinedAugust 15,7.PROPOSED CASING AND CEMENT PROGRAMSIZE OF HOLESIZE OF CASINGWEIGHT PER FOOTSETTING DEPTHSACKS OF CEMENTE $17-1/2''$ $13-3/8''$ 48.0 $600'$ 600 sxCirc $12-1/4''$ $8-5/8''$ 32.0 $5100'$ 2500 sxSurf $7-7/8''$ $5-1/2''$ $15.5 \& 17.0$ $9200'$ 1500 sx 4800 Move on location and rig up.Spud $17-1/2''$ hole and drill to $\pm 600'$. Run $13-3/8''$ casing and cement with sufficient Class "C" containing 2% CaCl2 to circulate to surface.MOC 4 hours prior to cut-off and weld on $13-3/8''$ casing head and NU 13annular preventer and choke manifold. Test casing to 600 psi and BOP stack to 1500 psi.Drill $12-1/4''$ hole to $\pm 5100'$. Run $8-5/8'''$ casing and cement with sufficient $35/65/6$ Class C Lite followed by Class C Neat to circulate. Drill 7-hole to $9200'$. Run $5-1/2'''$ casing and cement to $4800'$ with Class "C" cement with a stage collar at $\pm 6000'$.	1993 EST. TOP surf. ace -3/8" 7/8" nsist and		

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I hereby certify that the information skinkature	on above is true and complete to the best of my 200 Adhents	<pre>/ knowledge and belief. Sr. Drilling Engineer</pre>			
TYPE OR PRINT NAME			TELEPHONE NO.		
(This space for State Use)	Orig. Signed by Paul Kautz Geologist		PATE UL 2 3 1993		
APPROVED BY		TILS	DATE DL DO 1000		
CONDITIONS OF APPROVAL, IF ANY:		Permit Expires 6 Months From Approval Date Unless Drilling Underway.			

DISTRICT I P. O. Gox 1980 (hobs, NM 82240 DISTRICT II TODO GRO Brazes Re Santa Pe, New Mexico 87504–2088 Santa Pe, New Mexico 87504–2088 Market Santa Pe, New M		Submit to the Appropriate District Office State Lease — 4 copies Fee Lease — 3 copies	En y, Mir		New Mexico ural Resources Г	irtment		Form C-102 Revised 1-1-89			
DISTRICT III NOME NO BYGOS NO Atte: NM SYA10 TELL LOCATION AND ACREAGE DEDICATION PLAT. All distances must be from the outer boundaries of the section. Operation of SyA10 Nell Mage Nell No.		P. O. Box 1980 Hobbs, NM 88240 DISTRICT II P. O. Drower DD		P. 0. 1	Box 2088						
SANTA FE ENERGY IDFER. PART, L.P. Parte THISTLE UNIT '33' STATE Pail No. Unit letter Section 33 23 SOUTH Rame 33 EAST, N.M.P.M. County LEA Incluip foreign besides formation Foodstate formation Pool Unit Active Term the WEST Lea 380° feet from the NORTH Los and 980' feet from the WEST Los 380° Delaware Pool Undersignmeet 40 Acres 380° Delaware 40 Acres 3878 No. If onseer is 'yee, 'ype of consolidation' the ownership thereof (bath as to working interest and royality). 3. If more than one lease of different ownership is dedicated to the well, how the interest of all the owners been consolidated by communitization, forced-pooling, etc.? Unitization Interest in a fracesership. No allewable will be assigned to the well until all interests how been consolidated. (Use the reverse side of this form if neccessorship.) No allewable will be assigned to the well until a non-standard unt, elimination hore in is true and complete to the base of my knowledge and belief. 990' 990' Starting Partnerse, IP. Interest of my knowledge and belief. 990' 1990' Starting Partnerse, IP. Interest of m		DISTRICT III 1000 Rio Brozos Rd WELL LOCATION AND ACREAGE DEDICATION PLAT									
E 33 Links 23 SOUTH 33 EAST, N.M.P.M. LEA 1980' feet from the NORTH the end 990' feet from the WEST the 1980' Delaware Pool Understand WEST the 3970' Delaware 40 Acres 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 40 Acres 1. Outline the acreage dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royolty). 3. If more than one lease of different ownership is dedicated to the well, how the interest of all the owners by consolidated by communitation, multization, form if necessary. Interest how consolidated. (Use the reverse sign of this towner is 'yes', type of consolidation lowe actually been consolidated. (Use the ownership interest, how been consolidated (by communitization, unitization, form if necessary. Interest how been consolidated (by communitization, unitization, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the division. 930' 930' 0PERATOR CERTIFICATION 1980' 1980' 1 Acres 1980' 1980' 1 Acres 1980' 1990' 1 Acres 1980' 1 Acres 1 Acres	Operator SANTA FE ENERGY OPER, PART, L.P. Lease THISTLE UNIT "33"										
1980' test from the Producting Formations NORTH itse and 990' feet from the Underset from th		E	33 23			۲	County	LEA			
Ground Level Rise. Productar Formation Dellaware Peol CM/MCather Undersignative (Dellaware) 40 Acree 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plot below. 40 Acree 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royoth). 3. If more than one lease of different ownership is dedicated to the well, have the interest of all the owners been consolidated by communitization, norreced-pooling, etc.? Unitization Via Yes No If answer is 'yes', type of consolidation unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the division. OPERATOR CERTIFICATION / hereby certify that the information herein is true and complete to the best of my knowledge and belief. 1980' 1980' Signiture Signiture 1980' 1980' Dellaware Signiture and seal 1980' Signiture and seal Signiture and seal Signiture 1980' Signiture Signiture and seal of Signiture and seal of 1980' Signiture and seal of Signiture and seal of Signiture and seal of 1980' Signiture and seal of Signiture and seal of Signiture and seal of 1980' Signiture an		-		line and	990'	et from the		О Т			
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I hereby certify that the information herein is true and complete to the best of my knowledge and beliet. 1950' Signature 1950' Date 990' SURVEYOR CERTIFICATION 1 hereby certify that the information herein is true and complete to the best of my knowledge and beliet. Signature Signature 990' SURVEYOR CERTIFICATION 1 hereby certify that the well location shown on this plat was platted from field notes of actual surveys mode by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. 1 Surveyed 1 bate Surveyed 1 bate Surveyed 3 Surveyed 1 bate Surveyed 1 bate Surveyed 3 Surveyee 3 Surveyee 3 Surveyee	 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interest of all the owners been consolidated by communitization, unitization, forced-pooling, etc.? Yes No If answer is "yes", type of consolidation <u>Unitization</u> If the answer is "no", list the owners and tract descriptions which have actually been consolidated. (Use the reverse side of this form if neccessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest has been 										
Certificate No. LARRY W. BUSBY R.P.S. #11398					2 3 S	ini cc kri Sig Da Pri Da Sr Cor Op Dat Sr Cor Op Dat Sr Cor Op Dat Sign Pro SI	/ he formation implete owledge ature deture inted Name rrell F ition . Drill npany Sa erating e July JRVEYO / her // location s plottea the bes of belief. e Surveyed JUN ature and fessional S	reby certify that the cherein is true and to the best of my and belief. C Polit Roberts Ling Engineer anta Fe Energy g Partners, L.P. 21, 1993 R CERTIFICATION reby certify that the chereit sof the shown on this plat from field notes of the shown on this plat from field notes of the shown on this plat to find the soft supervision, and that is true and correct to of my knowledge VE 30, 1993 Seel of urveyor			

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