Dustrict I PO Box 1980, Hobbs, NM 88241-1980

District [] PO Drawer DD, Artesia, NM 88211-0719

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

Form C-101 & Revised February 10, 1994 Instructions on back

Submit to Appropriate District Office

District III 1000 Rio Brazos F	Rd., Azt∝.	NM 87410		PO Box 2088 Santa Fe, NM 87504-2088  RECCIVED  ARTESIA						State Lease - 6 Copies Fee Lease - 5 Copies		
District IV			<b>0</b>	,	\ 1		OCD YBIC	·	JAMEN	DED REPORT		
APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZON												
Max	me and Address.					1	3954					
) Mai	nzano J. Box		<u>.</u> '							17	PI Number	
Ros	swell,	NM 88	202-21	.07						30 - 0 (	5-3074~	
* Prope	rty Code				' P	roperty Name					· Well No.	
231	72				Esp	eranza					2	
		-			<sup>7</sup> Surface	Location						
UL or lot no.	Section	Towaship	Range	Lot Ida	Feet from the	North/South	ise	Foot from the		Vest Lac	County	
J	4	22S	27E		1650	South 1650		<u> </u>	East	Eddy		
		<sup>8</sup> Pro	oposed	Bottom	Hole Locat	ion If Diff	erer	t From Sur	face			
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South	lac	Feet from the	East/V	Vest Sine	County	
			ed Pool I			L		10.00				
Fsn	eranza	. (Delaw		27 (	110			гторо	ed Pool :	•		
ЕЗР	CTUTIZA	(50.00		326	-K)							
" Work 1	Type Code	- 1	Well Type	: Code	12 Cable	able/Rotary "Lease Type Code "Ground Level E					id Level Elevation	
N						R		Р		3097'		
" Mu	utiple		Proposed	Depth	18 Formation		1º Contractor			<sup>36</sup> Sped Date		
No			5300	יכ	Delaware		WE	K Drilling	g Co.	9/15/99		
Minim	um W	QC time	(S brill	Propos	ed Casing a	nd Cement	Pro	ogram				
Hole Si	DR .				ng weight/foot	Setting Depth		Sacks of Cemen			Estimated TOC	
12-1/4			8-5/8"		24#	400'		300 sks		Surface		
7-7/8	311	5-1	5-1/2"		15.5#	5300'		400 sks		1800'		
						9-3-99						
Describe the	PEN or PLUG BA	CK give the dat	ogti	Re-e	Y IV Y	ad propose	d new productive					
mae. Describe	the blowou	t prevention p	rogram, if	any. Use so	lditional sheets if s	eccessity.		, , , , , , , , , , , , , , , , , , , ,	7			
Drill	to 530	00'. Ru	ın opei	n hole	logs and	side wall	l co	res to ev	aluat	e Dela	ware	
Drill to 5300'. Run open hole logs and side wall cores to evaluate Delaware Sand. Run production if justified.												
<sup>13</sup> I bereby ceruf	y that the in	formation give	a above us t	rue and come	lete to the best							
of my knowledge and better						OIL CONSERVATION DIVISION						
Signature:						Approved by: ORIGINAL SIGNED BY TIE W. GUM BOX						
Printed name:  D.E. Brown						Title: DISTRICT II SUPERVISOR						
Title:	۷P	Enginee			^	pproval Date: C	3.3	30-99	Expiration	8:310 E	3c.Ce	
Date: 8/	25/99		Phone	(505) 6	/3-199bil	onditions of Appr				<u></u>		

Mea	C-101 in surements and dimensions are to be in feet/inches. Well locations	etructions will refer to	the New Mexico Principal Meridian.				
IF T	HIS IS AN AMENDED REPORT CHECK THE BOX LABLED ENDED REPORT AT THE TOP OF THIS DOCUMENT.	18	Geologic formation at TD				
1	Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.	19 20	Name of the intended drilling company if known.  Anticipated spud date.				
2	Operator's name and address						
3	API number of this well. If this is a new drill the OCD will assign the number and fill this in.	21	Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed comenting volume, and estimated top of cament				
4	Property code. If this is a new property the OCD will assign the number and fill it in.	22	Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary.				
5	Property name that used to be called 'well name'	23	The eignature, printed name, and title of the person				
6	The number of this well on the property.		authorized to make this report. The date this report was signed and the telephone number to call for questions about this report.				
7	The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no,' box. Otherwise use the OCD Unit Letter.		evour nim report.				
8	The proposed bottom hole location of this well at TD						
9 and	10 The proposed pool(s) to which this well is beeing drilled.						
11	Work type code from the following table:  N New well  E Re-entry  D Drill deeper  P Plugback  A Add a zone						
12	Well type code from the following table:  O Single oil completion  G Single gas completion  M Mutiple completion  I Injection well  S SWD well  W Water supply well  C Carbon dioxide well						
13	Cable or rotary drilling code C Propose to cable tool drill R Propose to rotary drill						
14	Lease type code from the following table:  F Federal  S State  P Private  N Navajo  J Jicarilla  U Ute  I Other Indian tribe						

15

16

17

Ground level elevation above sea level

Intend to mutiple complete? Yes or No

Proposed total depth of this well

PO Box 1980, Hobbs, NM MIN-1980 District II PO Drawer DD. Artesia, NM 2021-0719 District III

District IV

# State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

Form C-102 Revised February 10, 1994 Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - J Copies

AMENDED REPORT

## 1000 Rio Brams Rd., Amer. Ne 27410 PO Box 2082, Sania Fc. NM 2284-2023

**Property Cosin**   *Post Case   *Property Name   Esperanza (Delaware)   **Wall Number   **SUNWANTAZO 4/4% Esperanza   2   **SUNWANTAZO 4/4% Esperanza   2   **SUNWANTAZO 4/4% Esperanza   3097.**  **Property Name   **Sunwas   **Sun			WE	LL LO	CATION	N AND AC	REAGE DEDI	CATION PI	LAT			
Property Code    Cognid No.   C	•	₹		<sup>2</sup> Pool Cod	•		<sup>3</sup> Post Name					
SURVANIAN OF STATE   September   Septemb				Espe				eranza (Delaware)				
** Operator Name**  **Operator Name**  **UL or tot no. Section Terminip Range**  **Lot Idn Foot From the North/South line**  **I' Bottom Hole Location If Different From Surface*  **UL or tot no. Section Terminip Range**  **Lot Idn Foot From the North/South line**  **Dedicated Acres**  **Justin enfold**  **Consert**  **Dedicated Acres**  **Justin enfold**  **Dedicated Acres**  **Justin enfold**  **Consert**  **Dedicated Acres**  **Justin enfold**  **Consert**  **Dedicated Acres**  **Justin enfold**  **Dedicated Acres**  **Justin enfold**  **Dedicated Acres**  **Justin enfold**  *	* Property Code					* Propert	y Name				Well Number	
OGRID No.  O13954  MANZANO OIL CORPORATION  10 SUTFACE LOCATION  11 SUTFACE LOCATION  UL or tot so. Section Terremain Range Lot do Free from the 1650 EAST EDDY  11 BOTTOM Hole Location if Different From Sutface  UL or tot so. Section Terremain Range Lot do Free from the North-South face Free from the East-Week face EDDY  11 BOTTOM Hole Location if Different From Sutface  UL or tot so. Section Terremain Range Lot lds Free from the North-South face Free from the East-Week face Conserv  12 Destinant Across Section Terremain Range Lot lds Free from the North-South face Free from the East-Week face Conserv  13 Destinant Across Section Terremain Range Lot lds Free from the North-South face Free from the East-Week face Conserv  14 Destinant Across Section Terremain Range Lot lds Free from the Range Range Range Lot lds Free from the Range Ran	1			KRANZO	<del>****</del>	Esperanza	1				2	
10 SUTTACE LOCATION  UL or lot no. Section Termanip Range Lot Idn Foot from the 1650 SOUTH 1650 EAST EDDY  11 BOTTOM Hole Location if Different From Suttace  UL or lot no. Section Termanip Range Lot Idn Foot from the Nerth/South line Foot from the East/West line ConstruCt.  11 BOTTOM Hole Location if Different From Suttace  UL or lot no. Section Termanip Range Lot Idn Foot from the Nerth/South line Foot from the East/West line ConstruCt.  12 Deficement Acres 1 Jeins or Institute Code Order No.  13 DEFINATION OF THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION  14 DEFINATION OF THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION  15 DEE. Brown Primate Mance Of Construction of	OCRED	No.				, Obetaro	r Name					
UL or lot no. Section Terrently Range 1650 SOUTH 1650 EAST EDDY  11 BORTOM Floid Location if Different From Surface  UL or lot no. Section Terrently Range Lot Ids Feet from the North/South line Feet from the East/West line Country  "Dedicated Acres" "Joint or left" "Consolidation Code "Order No. 40  NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNTIL HAS BEEN APPROVED BY THE DIVISION  16  17 OFFRATOR CERTIFICATION INTERESTS HAVE BEEN CONSOLIDATED ON A NON-STANDARD UNTIL HAS BEEN APPROVED BY THE DIVISION OR A NON-STANDARD UNTIL	0139	954	MANZ	ZANO O	IL CORP	ORATION					3097.	
J 4 22-S 27-R 1650 SOUTH 1650 EAST EDDY  II BORTOM Floie Location if Different From Surface  UL or lot no. Section Servicing Range Let Ida Fox from the North/South line Fox from the Essa/West line Country  "Dedicated Acres" "Jeins or Infill" "Consolidation Code   "Orien No.  40 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  10 PERATOR CERTIFICATION INTEREST NAME AND CONSOLIDATED OF A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION  11 Prince certly max in infirmation consumed heren at the second consumed to the local of my monomalize and include the plant of the local of my monomalize and include the plant of the local	10 Surface Location											
II BOILOM HOLE LOCATION IF DIFFERENT FROM SUTTACE  UL or lot no. Section Terrestric Range Lot Ids For from the North/South Erre For from the EssayWest line Connect Acres I Joint or Incl.  40 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  10 PERATOR CERTIFICATION IN Interrupt county from the plant of my morning continued increase of my morning continued in the plant of my morning to and complete to the best of my morning to and continued from the most of my morning to an interrupt continued from the most of my morning to an interrupt continued from the most of my morning to an interrupt continued from the most of my morning to my plant of my morning from the most of my man or most of my man or most of my morning from the most of my man or most of my most of my man or most of my most	UL or ice se.	Section	Townsip				North/South fine	Feet from the	set from the   East/West fine   County			
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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION  10  17 OPERATOR CERTIFICATION 1 hereby certify that the improvement heren is true and complete to the best of my chamber of occur  VP Engineering Tule August 25, 1999 Date  11 SURVEYOR CERTIFICATION 1 hereby certify that the well location throw on this plat well planted from flattle once of actual surveys made by the or water my approxime, and these themse is true and correct to the best of my belief.  AUGUST 19, 1999 Date 34-10  AUGUST 19, 1999 Date 34-10  Security that the same is true and correct to the best of my belief.  AUGUST 19, 1999 Date 34-10  Security that the same is true and correct to the best of my belief.  AUGUST 19, 1999 Date 34-10  Security that the same is true and correct to the best of my belief.  AUGUST 19, 1999 Date 34-10  Security that the same is true and correct to the best of my belief.  AUGUST 19, 1999 Date 34-10  Security that the same is true and correct to the best of my belief.  AUGUST 19, 1999 Date 34-10  Security that the same is true and correct to the best of my belief.  AUGUST 19, 1999 Date 34-10  Security that the same is true	40											
17 OPERATOR CERTIFICATION I hereby certify that his information contained heren at the and complete to the best of my movineles and best  D.E. Brown Printed Name  VP Engineering  Title  August 25, 1999 Date  1 SURVEYOR CERTIFICATION I hereby certify that the well location throw on this plat was plated from field note of actual surveys made by an or water my supervision, and that the same is true and correct to the best of my belief.  AUGUST 19, 1999 Date 3, 1999 Date 3	NO ALLO	WABLE								א כסו	CETACLIOS	
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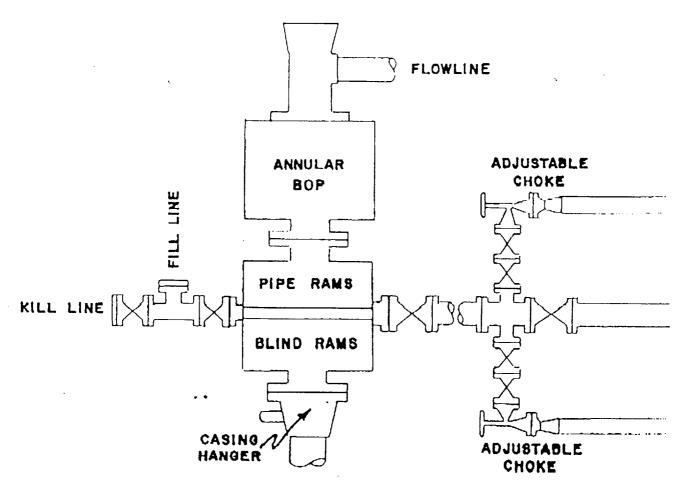
# DRILLING CO., INC. - DIL WELL DRILLING CONTRACTORS

P. D. DOX 1498 ROSWELL, NEW MEXICO 90000-1498 505/025-5070 805/746-2719 ROSWELL, NM ARTERIA, NM

#### RIG #2

### BLOWOUT PREVENTOR ARRANGEMENT

II SHAFFER TYPE LWS, 5000 psi WP
II CAMERON SPHERICAL, 5000 psi WP
I20 GALLON, 5 STATION KOOMEY ACCUMULATOR
5000 psi WP CHOKE MANIFOLD



Manzano Oil Corporation's Esperanza #2 Sec 4, T22S, R27E Eddy County, New Mexico