Districa I

1625 N. French Dr., Hobbs. N.M. 88240

District II

1301 W. Grand Ave., Artesia, N.M. 88210

District III 1000 Rio Brazos Rd., Aztec, N.M. 87410

District IV 1220 S. St. Francis Dr.,, Santa Fe, N.M. 87505

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 1220 S. St. Francis Dr. Santa Fe, NM 87505

Form C-101 Revised February 10, 1994 Instructions on back Submit to Appropriate District Office State Lease - 6 Copies Fee lease - 5 Copies

AMENDED REPORT

							· · · · · · · · · · · · · · · · · · ·				DD A ZON
				-	e and Address					´ OGR	ID Number
				e Operat	_			RECEIN	/ED		184860
				Box 95				I ILUEI	/EU		1 Number
			Midland	i, TX 79	702			SEP 1 0	2004	30-0 15	-33635
⁴ Property (perty Name	•	OP-ART	resi/	ę .	6 Well No.
26	081				Art	tesia Unit				<u>`L.,</u>	87
					7 Surface	Location					
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South	ine F	eet from the	East/W	est line	County
C	35	17S	28E	٧	990'	North		2518'	ν	Vest	Eddy
		8. 1	Propose	d Botton	Hole Loca	tion If Diff	ferent l	From Surf	face		
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South	ine F	eet from the	East/W	est line	County
		9. Propos	sed Pool 1	······································				10. Pro	posed Po	ool 2	···
Artesia	, Queen	-Graybu	rg-San	Andres (03230)						
· · · · · · · · · · · · · · · · · · ·									· · · · · · · · · · · · · · · · · · ·		
11. Work T	-		12. Well Type	Code	13. Cab	le/Rotary		 Lease Type Constitution 	ode	15. G	round Level Elevation 3684'
	ultiple		7. Proposed D	enth	18. For					0. Spud Date	
no	•		3500	-	San Ar		T T	nited Drlg	.		0/5/04
				~~~~		 		-	•		0/3/04
			2	1. Propo	sed Casing a	and Cemen	t Prog	ram			
Hole Siz	re l	Casii	Casing Size Casin		g weight/foot	Setting De	epth	Sacks of	f Cement		Estimated TOC
12 1/4"			/8"		24#	3907	400	O 275 sx			surface
7 7/8"		4 1/2"	/5 1/2"	9	0.5/17#	3500'		600	SX		surface
			· · · · · · · · · · · · · · · · · · ·	- 				ļ			
				 				1			
	1				1						
2 Describe th	e proposed	nrogram If	this is to D	FEDEN of D	LIG BACK size	the data on the		dustina sana	d		- Anatina
22. Describe the tone. Describe t	ne proposed he blowout	Propo Cl C produ	program, if ose to dr circulati action st	any. Use add ill 12 l/4 ng to sur ring casi	LUG BACK give to ititional sheets if no it hole to 36 face. Drill 7 ng to TD, ce e and stimula	ocessary. O', set 8 5/8 O' 7/8" hole Ementing w	" casir to 350 /600 s:	400', ng to 3190', 0', run ope	ceme en hole	nt w/27 e logs, s	′5 sx
22. Describe the zone. Describe t	ne proposed he blowout	Propo Cl C produ surface	program, if ose to dr circulati action st ce. Will	any. Use add ill 12 1/4 ng to sur ring casi perforate	"hole to 360 face. Drill 7 ng to TD, ce and stimulate this is a re	b', set 8 5/8 7/8" hole menting wate and test	" casir to 350 /600 s:	400', ng to 3190', 0', run ope	ceme en hole	nt w/27 e logs, s	′5 sx
zone. Describe t	he blowout	Propo Cl C produ surfac (Initia	program, if ose to dr circulati action st ce. Will	any. Use add ill 12 1/4 ng to sur ring casi perforate t expired	" hole to 360 face. Drill 7 ng to TD, ce and stimulate this is a re	o', set 8 5/8 7/8" hole menting wate and test	e" casir to 350 /600 s	4 69 ng to 380', 0', run ope x Cl C, cir	ceme en hole culati	nt w/27 e logs, s ng to	5 sx set
zone. Describe t 3. I hereby certif f my knowledge :	he blowout	Propo Cl C produ surfac (Initia	program, if ose to dr circulati action st ce. Will	any. Use add ill 12 1/4 ng to sur ring casi perforate t expired	"hole to 360 face. Drill 7 ng to TD, ce and stimulated this is a reserved to the best of t	7/8" hole ementing wate and test	e" casir to 350 /600 s	400', ng to 3190', 0', run ope	ceme en hole culati	nt w/27 e logs, s ng to	5 sx set
3. I hereby certif f my knowledge	he blowout	Propo Cl C produ surfac (Initia	program, if ose to dr circulati action st ce. Will	any. Use add ill 12 1/4 ng to sur ring casi perforate t expired	"hole to 360 face. Drill 7 ng to TD, ce and stimulated this is a reserved to the best of t	o', set 8 5/8 7/8" hole menting wate and test	e" casir to 350 /600 s	y co ng to 300', 0', run ope x Cl C, cir	ceme en hole culati	nt w/27 e logs, s ng to	5 sx set
zone. Describe t	he blowout	Proper Cl C produ surface (Initial formation gives	program, if ose to drecirculation store. Will all Permi	any. Use add ill 12 1/4 ng to sur ring casi perforate t expired	"hole to 360 face. Drill 7 ng to TD, ce and stimulated this is a reserved to the best of t	o', set 8 5/8 7/8" hole ementing wate and test chile) OII proved by:	casir to 350 /600 ss	y cong to 300', o', run ope cong Cl C, cir	ceme en hole culati	nt w/27 e logs, s ng to DIVIS	'5 sx set
3. I hereby certif f my knowledge s Signature:	he blowout	Proportion Proportion Cl C produ surfac (Initial	program, if ose to dr circulati action st ce. Will	any. Use additil 12 1/4 ng to suring casi perforate t expired	"hole to 360 face. Drill 7 ng to TD, ce and stimular this is a relete to the best Ap	o', set 8 5/8 7/8" hole ementing wate and test chile) OII proved by:	casir to 350 /600 s:	ng to 380', 0', run ope c Cl C, cir	ceme en hole culati	nt w/27 e logs, s ng to DIVIS	'5 sx set

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

TRICT III o Rio Brazos Rd., Astec, NM 87410 OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

AMENDED REPORT

DISTRICT IV P.O. BOX 2008, SANTA PE, N.M. 67504-2068

Dedicated Acres

Joint or Infill

Х

Consolidation Code

WELL LOCATION AND ACREAGE DEDICATION PLAT

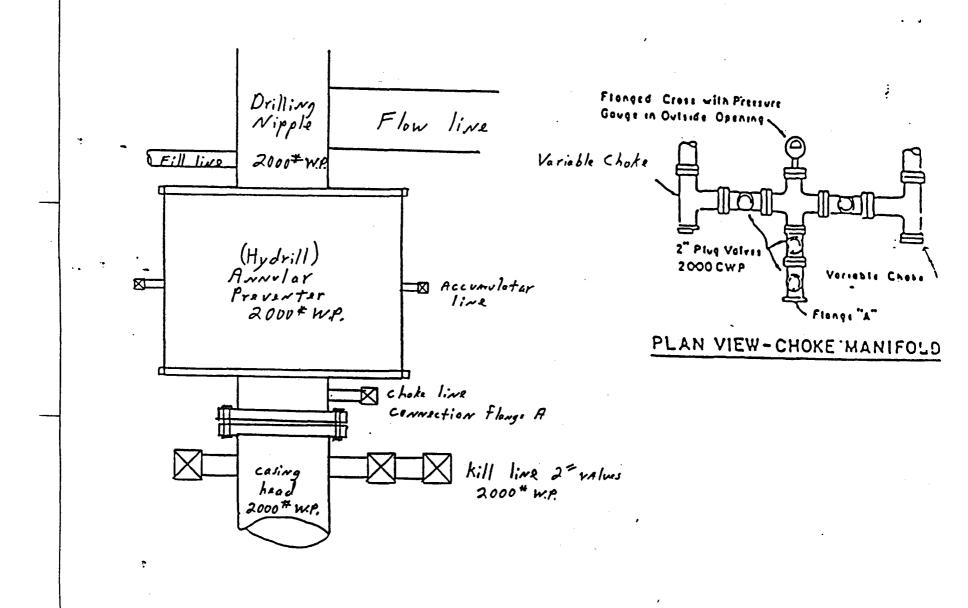
re-filing

API	Number			Pool Code			Pool Name			
		03230 Artesia, Queen-Grayburg-San Andres						Andres		
Property Code Property Name ARTESIA UNIT						Well Number 87				
ogrid n 184860	o.			Operator Name MELROSE OPERATING CO.					Elevation 3684	
					Surface Loc	ation				
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
С	35	17 S	28 E		990	NORTH	2518	WEST	EDDY	
			Bottom	Hole Loc	cation If Diffe	erent From Sur	face			
UL or lot No. Section Township Range Lot Idn Feet				Feet from the	North/South line	East/West line	County			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

Order No.

,066	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and being.
2518'	Signature Ann E. Ritchie 9-2-04 Printed Name
,	Regulatory Agent Title 11-28-00 915 684-6381 Date
	SURVEYOR CERTIFICATION
	I hereby certify that the well location shown on this plat was plotted from field nature of actual surveys made by me or under my supervison and that the same is true and correct to the best of my bolis.
	NOVEMBER 09, 2000 Date Surveyed LMP Signature & Seal of Professional Surveyor
	Certificate No. PONAID J. EIDSON 3239 Continue No. PONAID J. EIDSON 3239 12841



Dkinct I 462~; N. French Dr.. I I obbs. NM SN240 Ditricl 11 130 I W. Grand Ax coue. Arte,ia. NNI I;N2 I 0 Di-tricl III 1000 Rio Brazos Road. Aztec, NVI S7410 Di triet IV
1220 S. St. Francis Dr., Santa Fc. NX4 87i()~,

State of New Mexico **Energy Minerals and Natural Resources**

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

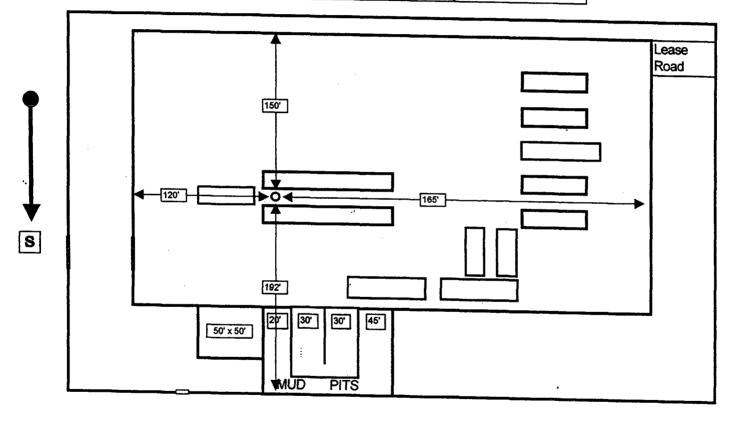
Form C-144

June 1, 2004

Pit or Below-Grade Tank Registration or Closure

Is pit below grade tan Type of action: Registration of a pit o	k covered by a "general plan"" Yes No or beloew-grade tank Cloures of a pit of below-gra	de tank [
Operator: Melrose Operating Company Address: C/O P.O. Box 953, Midland, TX 79702	432 846381 e-mail address: ann.ritchie@wto	or.net
Facility or well name: Artesia Unit, Well #87 API 4. pendin	g U/L or Qtr/QtrC See 35 T17	, R
County: Latitude Longitude Eddy		wner Federal State Private Indian
<u>Pit</u>	Below-grade tank	
Type: DrillingX_Production Disposal	Volume:bbl Type of fluid:	
Workover Emergency	Construction material:	
Lined Unlined	Double-walled, with leak detection? Yes O If not	, explain why not.
Lincr type: Synthetic X Thickness 20 Mill Clav		
Pit Volume 6000_bbl		
	Less than SO feet	(20 points) RECEIVED
Depth to ground water (vertical distance from bottom of pit to seasonal ghigh	no feel or more, bui less than I 00 feet	(10 points) ego 1 0 2004
water elevation of ground water.) 275	100 feet or more 100 ft.	(10 points) SEP 1 0 2004
	100 1t.	OCD-ARTESIA
Wellhead protection area: (Less than 200 feet from a private domestic	Yes	(20 peints)
water source, or less than 1000 feet from all other water sources.)	No No	(0 points) 0
Distance to grade a material distance to all modern de alors	Less than 200 feet	(20 points)
Distance to surface water: (horizontal distance to all wetlands, playes,	200 feet or more, but less flum 1900 feet	(10 points)
irrigation canals, ditches, and perennial and ephemeral watercourses.)	I 600 feet or more 1000 ft or more	(0 points)
	Ranking Score (Total Points)	0 Points
Iffbis is a oil cleaure, (I) auach a diagram of the facility showing the pit's		te disposal location: (check the onsite box if-
you are burying in place) onsite: offsite O If offsite, name of facility	(3) Attach a generall d	lescription of remedial action taken including,
remediation start date and end date (4) Groundwater encountered: No 0 Ye	· · · · · · · · · · · · · · · · · · ·	FL and attach ,ample results. (:,)
Attach soil sample results and a diagram of sample locations and excavations	_	
Additional Comments:	• • • • • • • • • • • • • • • • • • • •	
Additional Comments.		
I hereby certify that the information above is true and complete to the best of been/will be constructed or closed according to NMOCD guidefines X . Date: -2-0-4	my knowledge and belief. I further certify that the a g,eneral pemit, . or an attached alformative O	above-described pit or below-grade tank has CD-approved plan
Printed Name tittle Ann E. Ritchie, Regulatory Agent	_Signature Mul Valshe	<u> </u>
Your certification and NMOCD approval of thisapplication/closure does not otherwise endanger public health or the environment. Nor does it relieve the regulations.	relieve the operator of liability should the contents of operator ofits responsibility for compliance with any o	the pit or tank contaminate ground water or other federal, state, or local laws and/or
Approval: Printed Name/Title	_ Signature	Date: SEP 13 2004

Melrose Operating Company
Drilling Rig Pad Schematic
Artesia Unit, Well#87
Eddy County, New Mexico
Wellbore is 40' North of the pit



September 15, 2004

RECEIVED
SEP 1 7 2004
COCO-PRIESIA

Bryan Armant Oil Conservation Division 1301 W. Grand Ave. Artesia, NM 88210

RE: Melrose Operating Company, Artesia, Queen-Grayburg-San Andres Pool, Artesia Unit, Township 17S, Range 28E, Eddy County, New Mexico

Concerning the above referenced Artesia Unit, operated by Melrose Operating Company, please see attached a copy of the Duke Energy Field Services gas statement. Please note on the "Analysis" that the H2S Mol% concentration is 0.4970. This letter and statement are being submitted to comply with the NMAC Rule 118 concerning drilling operations.

As per the Oil Conservation Division, Rule 118, the gas produced from the Artesia Unit is less than 100 ppm. According the the field supervisor and as per the gas statement, this unit/pool is not in a gas producing area where there is a "substantial probability of encountering H2S in concerntrations of 100 ppm or more" (Rule 118). There are no public dwelling located on the Unit or within 1/4 mile of the Artesia Unit to the best of my knowledge.

Please let us know if you need any further information concerning the gas production from the Artesia Unit, or any information concerning the drilling program for this unit.

Yours truly

Ann E. Ritchie, Regulatory Agent
Melrose Operating Company

Melrose Operating Company

c/o P.O. Box 953 Midland, TX 79702 (432) 684-6381 (432) 682-1458-fax

ann.ritchie@wtor.net

attachment - gas analysis



A New Kind of Energy

Production Date: July 2004
Statement Date: August 19, 2004

PERCENT OF PROCEEDS STATEMENT (Fixed Recoyery)

a for the transfer to the

Recipienf: 125-1991

MELROSE OF CO

8/19/2004 8/19/24AM

		1.	4		Lease Inform	ration .	<u> </u>		
•	Settle ID Pay	meai ID	Lease Name		Facility Name	State	Contract ID	Operator Name/10	Pressure Base
	700317 0683	70031700	ARTESIA UN B	ATT #1 (1)	NM SOUR SUPERSYSTEM	ХМ	AR 1064001R	MELROSE OF CO 1254991	;4.650
			· · · · · · · · · · · · · · · · · · ·		Settlement Su	mmary			
j	System	-	LOW						
	Rate per MCF		6.43432	Component Value	Residue Value		Fees & Adjustments	Gross Value	 Net Value
	Rate per MMBT	v:	4.36463	\$ 3,202.16	\$ 1,532.40		\$ 121.15	\$ 4,613.41	 \$ 4,613.41

Wellhead loformatic	00					Component Se	rtilement				
Gross WII:	MCF 717.00	MMBTU 1,057.00		Theoretical Gallons	Fixed Recoveries	Allocated Gallons	Shrink MMBTU	Contract %	Sectement Gallons	Price	Component Value
Allocation Decimal:		0.000000	H2S				2.18				
Paystation:	717.00	1,057.00	ETHANE	2,413.38	0,8900	1,930.71	128.14	75.00	1,448.03	0.4359153	\$631.22
			PROPANE	1,734.09	0.9000	1,560.68	142.96	75.00	1,170.51	0.6844570	\$801.16
Raw Field Deducts	-50.19	-73.99	ISO-BUTANE	334.39	0.9700	324.36	32.32	75.00	243.27	0.8311534	\$202.20
Net Delivered:	666.81	983.01	NORMAL BUTANE	858.96	0.9700	833.19	86.42	75.00	624.89	0.8053796	\$503.27
			PENTANES PLUS	1,509.39	0.9900	1,494.30	170.94	75.00	1,120.72	0.9496653	\$1,064.31
Wellhead BTU	(14.65DW):	1.4742							•		
Gas Factor:	0.9798				a.			•			-
2 Factor.	0.9935		1	6,850.21		- 6,143.24	562.96	ar.	4,607.42		\$3,202.16

١							Residue Settlen	eat						
	Net Delivered MMBTU	Shrink	Fuel/Flare	Theoretical Residue	Allocated Residue	·			Net Residue MCF	Not Residue MMBTU	Sottlement %	Settlement Residue	Price	Residue Value
	979.97	562.96	63.23	353.78	353.78		0.00		356.56	353.78	75.00	265.34	5.7753000	\$ 1,502.40

Fees / Adjustments	Fee Rate	Value	("At	alysis	i,
			Components	Mol%	GPM
H2S TREATING	0.1442	\$103.41	Helium	0.0000	
NEW MEXICO GAS PROC	0.0186	517.74	Nitrogen	5.3250	
		1	Carbon Diexide	4.2140	
			H2S	0.4970	
•		١	Other Inerts	0.0000	
Plant Product Volu			Methane	54.9930	
	ints		Ethane	13.8070	3.6700
Plant BTU 0.9954			Ргорале	9.6300	2.6370
			Iso Butane	1.5630	0.5085
		l i	Nor Butane	4.1660	1.3062
		i i	Iso Pentane	1.5920	0.5794
		1	Nor Pentane	1.5200	0.5475
		1 :	Hexanes Plus	2.6930	1.1684
			Totals	100.0010	10.4170

	Contr	icls		
Primary:	LILLIE G HÉREDIA (432) 620-4072			
Measwement:	ANITA STOKER (303) 605-1999	Contracts:	BOB BROWN (432) 620-4209	
Taxes:	ROGER RADEBAUGH (9\$8) 523-1169	,		
	Comm	ents		