District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Form C-101 May 27, 2004

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit to appropriate District Office

☐ AMENDED REPORT

APP	LICAT	ION FO				RE-F	ENTE	ER, DI	DEPEN	N, PL				D A ZONE
Operator Name and Address								² OGRID Number: 184860						
Melrose Operating Co., c/o Box 953, Midland, TX 79										30)-025 -		PI Number)L
3 Prope	erty Code	7			Pr	roperty N	Varne							ell No.
	25191			Ja	almat Fiel	ld Sand	l Yates	Unit				<u> </u>		232
			Proposed Pool 1: almat (T-Y-7R)								¹⁰ Prop	osed Po	ool 2	
					⁷ Sur	rface]	Locat	ion						
UL or lot no.	Section 23	Township	Range 35E	Lot Id		Feet from	m the	North/S	outh line orth	i	t from the 1155	Eas	t/West line East	County Lea
	L	<u></u>	8 Prop	osed Botto	om Hole	Locati	ion If I	Differen	t From S	Surfac				
UL or lot no.	Section	Township	Range	Lot ld		Feet from			outh line		t from the	Eas	t/West line	County
					lditiona			rmatic						
	Type Code N		12 Well Type Co			Cable	٠ _		1	:	ype Code 6		15 Gr	ound Level Elevation 3594'
	fultiple No		¹⁷ Proposed Dep 4200'			18 Form Yat	tes			United			²⁰ Spud Date 10-15-05	
Depth to Grou	ndwater: 30t)-350'		Distance:	from neare	est fresh v	water we	il: over 1/4	mile		Distance from	neares	t surface wa	der: none
	Synthetic X I-Loop System		hick Clay 🔲 🗎	Pit Volume:	3000 bl	bls		Drilling <u>M</u> th Water 1		· Diesel	Oil-based [7 Gas	4ir □	/
			2	1 Propos	sed Cas	sing a							- Sec.	
Hole S	Size	Cas	sing Size		g weight/fo			Setting D			Sacks of Cement			Estimated TOC
121/	4"	8	5/8"	24#			350'			250 s	X		Surface	
7.7/	8"	5	1/2"	1	15.5#			4200°		+	1200 sx			Surface
										+				
														
Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary. Propose to drill 12 1/4" hole to 350', set 8 5/8" casing to 350', cement w/250 sx Cl C – circulating cement to surface. WOC. Drill 7 7/8" hole to 4200', run open hole logs, set production casing string to approximately 4200' cementing with 1200 sx Cl C, circulating cement to surfrace. Will perforate, stimulate & test well. We do not anticipate encountering any H2S intervals during the drilling of this well.														
D	ate Uni	lees Dril	er From A lling Under	w a y										
			given above is tru			best ,			OIL (CONS	SERVA'	NOI	DIVIS	SION
of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines X, a general permit \(\Bar{\text{\text{\text{general}}} \), or an (attached) alternative OCD-approved plan \(\Bar{\text{\texi}\text{\text{\text{\text{\text{\text{\text{\text{\text{\texic					ran L	Approved by:								
Printed name: Ann E. Ritchie						Title:				1		_		
Title: Regula	itory Agent						Appro	val Date:		ETR	I FUM	NG	NEER:	
E-mail Addre	ss: ann_ritcl	nie@wtor.net					OCT	1.9	າກກະ	FIII			- ""	
Date: 10-5-0	5		Phone: 432 6	84-6381			90,	ions of Ap	2005 proval Att	ached [

State of New Mexico

DISTRICT I 1625 N. PRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

Revised JUNE 10, 2003 Submit to Appropriate District Office

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

í

DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FE, NM (WELL LOCATION AND	ACREAGE DEDICATION PLAT	ED REPORT
API Number	Pool Code	Pool Name	
30-025- 37506	33820	Jalmat (T- Y- 7 Rvrs)	
Property Code	Pr	operty Name Well Num	ber
25191		JYSU 23	2
OGRID No.		erator Name Elevatio	n
184860	MELROSE OP	ERATING COMPANY 3594	ļ'

Surface Location

UL or lot No.	Section	Township	Range	Lot idn	Feet from the	North/South line	Feet from the	East/West line	County
Α	23	22-S	35-E		1310	NORTH	1155	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint o	r Infill Co	nsolidation	4	der No. Water Flood	d Unit	<u> </u>		<u> </u>

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belseft) Signature Ann E. R.; + Siz Printed Name Y=503690.6 N X=808799.3 E LAI = 32'22'50.85" N LONG = 103'19'59.00" W SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual severys made by me or under my supervison and that the same is true and correct to the best of my belief SEPTEMBER 25 1905 Date Surveyor ME Signature & Surveyor ME SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual severys made by me or under my supervison and that the same is true and correct to the best of my belief SEPTEMBER 25 1905 Professional Surveyor ME Certificate New MARY ELISON 12841

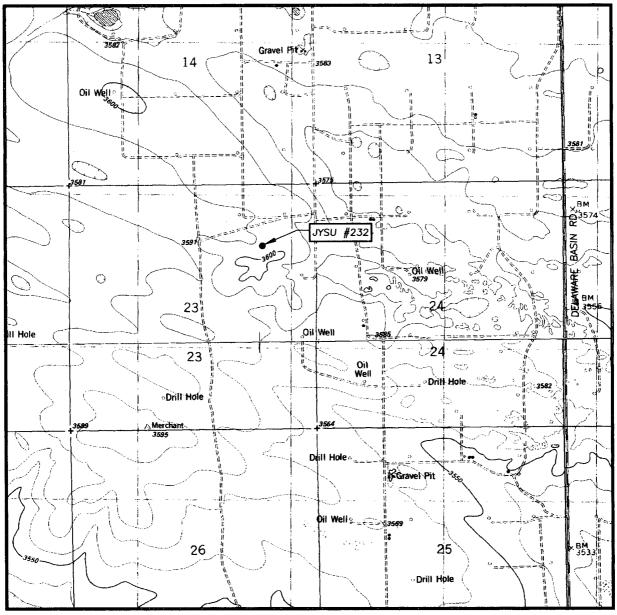
LEA CO	23, TOWNSHIP 22 SC UNTY,	<i>70111</i> , 10-1	140L 33 L		MEXICO
		<u> </u>			7
ļ					1
	150'	NORTH			
ı		FSET 92.7 '			
	1				\$\psi\$
					Morri
- 1	150' WEST JYSU	#232	150' 540	.	!
,009	0FFS2 0'	9	150' EAS □ OFFSET 3596.4'		,009
I	ELEV. LAT.=32°2	3594.2' 2'50.85" N	3396.4		
	LONG. = 103°	19'59.00" W			
1					1
		0			
I	OF	SOUTH FSET			1
	35	96.0'			
1					1
<u> </u>					
DIRECTIONS TO	LOCATION				
WEAVER RD. GO	RSECTION OF DELAWARE BASIN RD. AND WEST ON DELAWARE BASIN RD. APPROX.	100 	<i>0</i>	100	200 Feet
MILES. TURN LEI	I RIGHT AND GO WEST APPROX. 1.1 FT AND GO SOUTH APPROX. 1.3 MILES.		Scale:1 "=10		
	O GO WEST APPROX. 0.2 MILES. THIS PROX. 600 FEET SOUTH.	MEL	ROSE OPERA	TING COM	PANY
		LOCATI	JYSU #232 ED 1310 FEET FROM	1 THE NORTH L	INE
	PROVIDING SURVEYING SERVICES	AND 1155	FEET FROM THE EAS IP 22 SOUTH, RANGE LEA COUNTY, NEV	ST LINE OF SEC E 35 EAST, N.M	TION 23.
	SINCE 1946 JOHN WEST SURVEYING COMPANY	Survey Date: 9			1 Sheets
	412 N. DAL PASO HOBBS, N.M. 88340 (505) 383-3117	W.O. Number: 0:	5.11.1495 Dr By:	LA A	Rev 1:N/A
	,,	Date: 9/29/05	Disk: CD#4	05111495	Scale: 1"=100'

SECTION 2	23, TOWNSHIP	22 SC	DUTH,	RANG	E 35		N.M.P.M.,
			.00'				
			<u>00'</u> _			<u></u>	\neg
		0FI 359	NORTH FSET 92.7'				NAMIN (AMIN)
,009	150' WEST OFFSET □ 3592.9'	(150' E ⊡ OFFS 3596.	ET	,009
		150' OFF	⊒ SOUTH FSET 96.0'				
		60					
DIRECTIONS TO LOC	CATION						
WEAVER RD. GO WE	CTION OF DELAWARE BASIN IST ON DELAWARE BASIN RI	D. APPROX.	100		0	100	200 Feet
0.8 MILES. TURN R MILES. TURN LEFT	IGHT AND GO WEST APPRO. AND GO SOUTH APPROX. 1	X. 1,1 '.3 MILES.			Scale:1 "=	=100'	
	O WEST APPROX. 0.2 MILE. DX. 600 FEET SOUTH.	S. THIS		MELROS	SE OPER	RATING CO	DMPANY
Z 301	PROVIDING SURVEYING SERVICES SINCE 1946 HN WEST SURVEYING COMPAL 412 N. DAL PASO HOBBS, N.M. 88240	MY	Survey D) 1155 FEET TOWNSHIP 22	FROM THE SOUTH, RAISA COUNTY,	ROM THE NORTI EAST LINE OF . NGE 35 EAST, NEW MEXICO.	SECTION 23,
	(505) 393-3117	<u> </u>	Date: 9/2		k: CD#4	05111495	Scale: 1"=100'
						-	

SECTION 23, TO	OWNSHIP 22 SC	DUTH, RAM	IGE 35 EAS	T, N.M.P.M., NEW MEXICO
	6	500'		
	OF. 35:	NORTH FSET 92.7'		
- 150' W OFFS 3592	E37 E7	″ #232 ○ 3594.2' 2'50.85" N 119'59.00" W	150' EAST □ OFFSET 3596.4'	,009
	150 ' OF	⊡ SOUTH FSET 96.0'		
	6	00'		
DIRECTIONS TO LOCATION				
FROM THE INTERSECTION OF I NEAVER RD. GO WEST ON DEI		100 HHHH	0 100	200 Feet
0.8 MILES. TURN RIGHT AND MILES. TURN LEFT AND GO S	OUTH APPROX. 1.3 MILES.		Scale:1"=100'	
TURN RIGHT AND GO WEST AF LOCATION IS APPROX. 600 FE		MELF	POSE OPERATING	COMPANY
s	URVEYING SERVICES INCE 1946 IRVEYING COMPANY	AND 1155 F TOWNSHIF	JYSU #232 WELL D 1310 FEET FROM THE EET FROM THE EAST LINE D 22 SOUTH, RANGE 35 L LEA COUNTY, NEW MEX	E OF SECTION 23, EAST, N.M.P.M., ICO.
HOGE	N. DAL PASO S, N.M. 88240	Survey Date: 9, W.O. Number: 05		1 of 1 Sheets Rev 1:N/A
	5) 393-3117	Date: 9/29/05	Disk: CD#4 0511	1495 Scale:1"=100'

SECTION 23, TOWNSHIP 22 .	SOUTH, RANGE 35 EAST, N.M.P.M.,
	600'
	60' NORTH OFFSET 3592.7'
OFFSET :: 3592.9' ELL LAT.=3	(SU #232 150' EAST ○ □ OFFSET 3596.4' 2°22'50.85" N 03°19'59.00" ₩
1.	□ 50' SOUTH OFFSET 3596.0'
	600'
DIRECTIONS TO LOCATION FROM THE INTERSECTION OF DELAWARE BASIN RD. AN WEAVER RD. GO WEST ON DELAWARE BASIN RD. APPR 0.8 MILES. TURN RIGHT AND GO WEST APPROX. 1.1 MILES. TURN LEFT AND GO SOUTH APPROX. 1.3 MILES TURN RIGHT AND GO WEST APPROX. 0.2 MILES. THIS	Scale: 1"=100'
PROVIDING SURVEYING SERVICES SINCE 1946 JOHN WEST SURVEYING COMPANY	JYSU #232 WELL LOCATED 1310 FEET FROM THE NORTH LINE AND 1155 FEET FROM THE EAST LINE OF SECTION 23, TOWNSHIP 22 SOUTH, RANGE 35 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO. Survey Date: 9/23/05 Sheet 1 of 1 Sheets
412 N. DAL PASO HOBBS, N.M. 88240 (505) 383-3117	W.O. Number: 05.11.1495 Dr By: LA Rev 1:N/A
	Date: 9/29/05 Disk: CD#4 05111495 Scale: 1"=100'

LOCATION VERIFICATION MAP

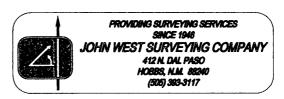


SCALE: 1" = 2000'

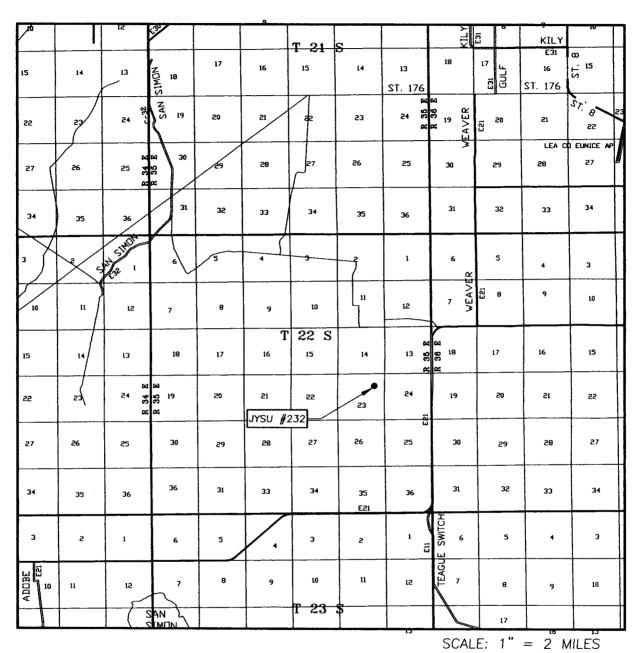
OIL CENTER, N.M.

CONTOUR INTERVAL: OIL CENTER, N.M. - 10'

SEC. <u>23</u>	TWP. <u>22-S</u> _RGE. <u>35-E</u>
SURVEY_	N.M.P.M.
COUNTY_	LEA
DESCRIP1	TION 1310' FNL & 1155' FEL
ELEVATIO	N3594'
OPERATO	R MELROSE OPERATING COMPANY
LEASE	JYSU
U.S.G.S.	TOPOGRAPHIC MAP



VICINITY MAP



SEC. <u>23</u>	_ TWP. <u>22-5_RGE35-E</u>
SURVEY	N.M.P.M.
COUNTY	LEA
DESCRIPTION	ON 1310' FNL & 1155' FEL
ELEVATION	3594'
OPERATOR	MELROSE OPERATING COMPANY
FASE	.17511





Melrose Operating Co.

Drilling Rig Pad Schematic

JF5YU # 232

Lea County, New Mexico

Vellboro in 40' North of the control of the co

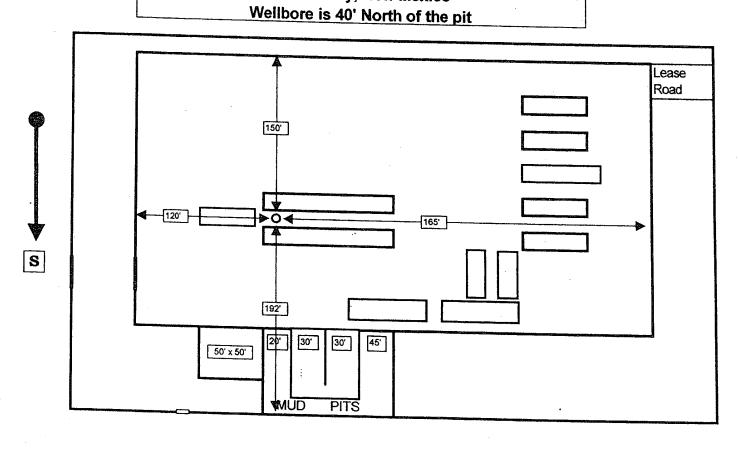
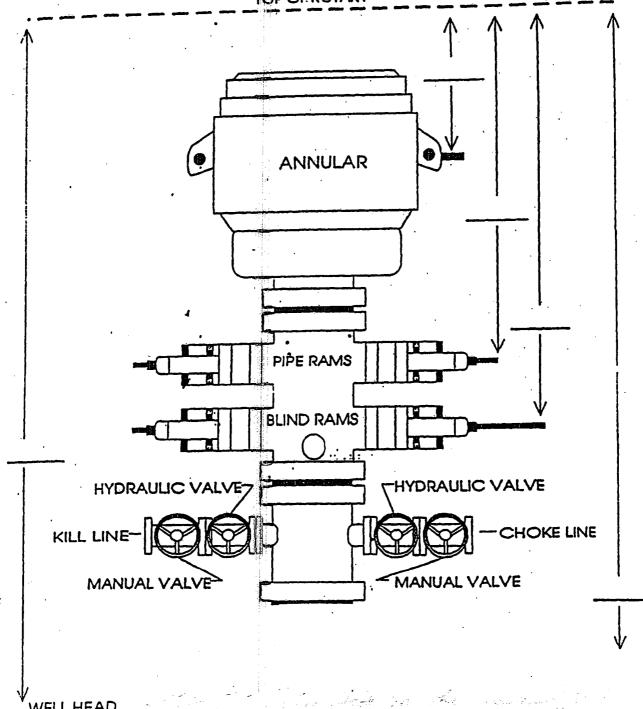


EXHIBIT A

B.O.P. STACK SPACING

SIZE: 3000#

TOP OF ROTARY



WELL HEAD

WELL Jalmot # 232 CONTRACTOR United Dela