JERGY AND MINERALS DI U	WEL WEL WEL	SAN L COMPLE		X 2088 MEXICO	0 87501		State 5. State Oil	Type of Lease Fee X 6 Gas Lease No.	
DISTRIBUTION SANTA FE FILE U.S.O.S. LAND OFFICE OPERATOR TYPE OF WELL . TYPE OF WELL . TYPE OF COMPLETION WORK WILL WORK OVER Name of Operator NRM Petroleum (Address of Operator 600 W. Illinois Location of Well		SAN L COMPLE	P. O. BO	X 2088 MEXICC	0 87501		State 5. State Oil	Fee X	
SANTA FE FILE U.S.G.S. LAND OFFICE OPERATOR TYPE OF WELL . TYPE OF WELL . TYPE OF COMPLETION NEW WORK WILL WORK OVER NAME OF COMPLETION NEW CORE OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER OVER		L COMPLE	TION OR RECO	MEXICO		AND LOG	5. State Oil		
FILE U.S.G.S. LAND OFFICE OPERATOR TYPE OF COMPLETION NEW WORK WILL WORK WILL WORK OVER NAME of Operator NRM Petroleum (Address of Operator 600 W. Illinois Location of Well		L COMPLE		OMPLETIO		AND LOG			
LAND OFFICE OPERATOR TVPE OF WELL TVPE OF COMPLETION NEW WORK WILL WORK WILL WORK OVER Vame of Operator NRM Petroleum (Kdaress of Operator 600 W. Illinois Cocation of Well		CAS WELL PLUG DACK			N REPORT	AND LOG		MINNIN,	
OPERATOR TYPE OF WELL TYPE OF COMPLETION WURL WORK WILL WORK WILL WORK OVER Vame of Operator NRM Petroleum (Address of Operator 600 W. Illinois Location of Well		CAS WELL PLUG DACK							
TYPE OF WELL TYPE OF COMPLETION NUM WORK WILL WORK VORK OVER Vame of Operato: NRM Petroleum (Address of Operator 600 W. Illinois Location of Well	DEEPEN	PLUG BACK		OTHER		<u> </u>	VIIII.	///////////////////////////////////////	
TYPE OF COMPLETION WULL WORK WILL WORK Name of Operato: NRM Petroleum (Address of Operator 600 W. Illinois Location of Well	DEEPEN	PLUG BACK		OTHER_					
NEW WORK WELL WORK Name of Operator NRM Petroleum (Address of Operator 600 W. Illinois cocation of Well	DEEPEN	PLUG BACK		OTHER_		1	7. Unit Agre	eement Name	
WEW WORK WELL WORK Name of Operator NRM Petroleum (Address of Operator 600 W. Illinois Location of Well	Corporation	PLUG BACK		-					
WELL OVER Name of Operator NRM Petroleum (Address of Operator 600 W. Illinois Location of Well	Corporation		DIFF. BESVD				8. Farm or 1	Lease Name	
NRM Petroleum (Address of Operator 600 W. Illinois cocation of Well		1		OTHER			Metzg	er	
Address of Operator 600 W. Illinois _ocation of Well		1				-	9. Well No.		
Address of Operator 600 W. Illinois _ocation of Well		L					3		
ocation of Well	s, Suite 8(10. Field ar	nd Pool, or Wildcat	
ocation of Well		00- Midlan	d, TX 79701				Chave	roo (San Andres	
T LETTERB							//////		
	10CATED 567	, 	ow Two North		1787	FIST FROM	AIIIII		
				11111	11/1/1/	111111	12. County	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Eash LINE OF SEC.	17	79	2/E		ANNAN I		Pagarat		
Date Spudded 16.	Date T.D. Reac	hed 17. Date	Compl. (Ready to F	rod.) 18.	Elevations (D	F, RKB, RT, G	$R_{R, etc.}$		
11/19/83					4318 G				
	21. Plug Be		22. If Multipl	e Compl., Ho		ervals , Rotar	v Tools	<u>4318</u> Cable Tools	
4390'	1	347 '	Many	,	Dril	ileci By			
Producing Interval(s), of			Name				orton	25. Was Directional Sur	
riouceing microi(s), or	the comprehend	rop, Dottom	, , , , , , , , , , , , , , , , , , ,					Made	
4223'-4263' Sar	Andree								
Type Electric and Other			i i i i i i i	·····				Yes las Well Cored	
Sidewall Neutro			atomalag Mig	The CET	CD				
SIGEWAII NEULIC	$\frac{1}{2}$						Ye	2S	
<u> </u>		CAS	ING RECORD (Rep	ort all string	s set in well)		·		
CASING SIZE	WEIGHT LB./FT	. DEPTH	SET HOL	ESIZE	CEN	MENTING REC	ORD	AMOUNT PULLE	
8 5/8"	24#			1,11	500 sx 1	ite, 250 e	sx-cl-6	None	
4 1/2"	10.5#	439	0'7	7 7/8"	1330 sx	<u>lite, 250</u>	sx cl c	None	
			<u> </u>	•	<u> </u>				
	LINE	RRECORD	<u> </u>		30.	<u> </u>	UBING RECO	ORD	
SIZE	TOP	воттом	SACKS CEMENT	SCREEN	SIZ	E DE	PTH SET	PACKER SET	
			÷						
Perforation Record (Inter	val, size and nu	mber)	·········	32.	ACID, SHOT,	, FRACTURE,	CEMENT SQI	UEEZE, ETC.	
				DEPTH	INTERVAL	AMOL	JNT AND KIN	ND MATERIAL USED	
4223'-4263' 7/16" 20 holes					4223-4263 3250			gals 15% HCL acid	
			PROD	UCTION					
te First Production	Productio	n Method (Flou	ing, gas lift, pump		id type pump)		Well Stotus	s (Prod. or Shut-in)	
12/30/83	Pump	_	-				Prod.		
	us Tested	Choke Size	Prod'n. For	Oil - Bbl.	Gas - N	AC: Wate	er - Bbl.	Gas - Oil Ratio	
1/3/84	24		Test Period	82	2	4	0		
	sing Pressure	Calculated 24-	Oíl – Bbl.	Gas I		Water Bbl.		Gravity - API (Corr.)	
	0	How Rate	82	24	. 1	0	t i	24.2 @ 60°	
Disposition of Gas (Sold,		ented, etc.)			<u> </u>		t Witnessed B		
Equipment, ope							le Brown		
List of Attachments							DIOWII		
	We								
Lone listed abo		· <u> </u>			-				
Logs listed abo	information 1	k 1 · · ·	-1 +1		1 + to the 1	ed my have 1 - 1			
Logs listed about the line of the second sec	information shou	m on both sides	of this form is tru	e and comple	te to the best	of my knowled	ge and belief.		
			· •		erintende		ge and belief. DATE $\frac{1}{4}$		



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INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-diffed or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

т.	Anhy 1948 (+2382)	Τ.	Canyon	Τ.	Ojo Alamo	Т.	Penn. ''B''
т.	Salt 1972 (+2358)	Τ.	Strawn	T.	Kirtland-Fruitland	Τ.	Penn. "C"
B.	Salt 2269 (+2061)	Т.	Atoka	Τ.	Pictured Cliffs	T.	Penn. "D"
Т.	Yates 2375 (+1955)	Т.	Miss	Τ.	Cliff House	Τ.	Leadville
т.	7 Rivers 2375 (+1158)	Τ.	Devonian	T.	Menefee	Τ.	Madison
т.	Queen 2950 (+1380)	Т.	Silurian	τ.	Point Lookout	Τ.	Elbert
T.	Grayburg 3172 (+1158)	Т.	Montoya	T.	Mancos	Τ.	McCrucken
Т.	Sen Andres3418 (+912)	Т.	Simpson	T.	Gallup	Τ.	Ignacio Qtzte
т.	Gloriete	Т.	McKee	Bas	se Greenhorn	Τ.	Granite
т.	Paddock	Т.	Ellenburger	Τ.	Dakota	Τ.	·
Т.	Blinebry	Т.	Gr. Wash	Т.	Morrison	Τ.	
					Todilto		
					Entrada		
					Wingate		
					Chinle		
					Permian		
т	Cisco (Bough C)	Τ.		Τ.	Penn. ''A''	T.	
			. OIL OR GAS	SF	ANDS OR ZONES		
No.	1, from 4222'	••••	to	Nò	. 4, from		
No.	2, from 4302'		to	No	. 5, from	•••••	to
No.	3, from		to	No	. 6, from		to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from	to	feet.	······
No. 2, from	to	feet.	·
No. 3, from	to	f e et.	·····
No. 4, from	to	feet.	

FORMATION RECORD (Attach additional sheets if necessary)

From	То	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	60	60	Surface				
60	1825	1765	Redbed, anhy & salt			· ·	
1825	1832	7	Anhydrite				
1832	1912	80	redbed, salt				
1912	1963	31	anhydrite				
1963	1972	. 9	anhy, shale & salt				
1972	2269	597	salt				
2269	2384	115	sand, shale, salt				
2384	2950	566	salt, anhy, sand				
2950	3106	156	sh, sd, salt & anhy				
3106	3418	312	Sand, shale, dolo, anhy				
2418	4350	932	dolo, anhy				
4350	4390	40	lime				
							• .
	1			ll –	l		

AN 30 1984

Deviation surveys taken on NRM Petroleum's Metzger #3 well in Roosevelt County, New Mexico:

Depth	Degree
487	.75
1464	.25
1830	.50
2323	.75
2824	.50
3294	• 50
3794	1.50
3886	.75
4116	1.00
4390	1.50

I hereby certify that I have personal knowledge of the date and facts placed on this sheet and that such information given above is true and complete.

Norton Drilling Company

Before me, the undersigned authority, on this day personally appeared Sherman H. Norton, Jr., known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is the drilling contractor of the well identified in this instrument and that such well was not intentionally deviated from the vertical whatsoever.

Sherman H. Norton, Jr.

SWORN AND SUBSCRIBED TO before me this 5th day of January 1984.

Notary Public in and for Lubbock County, Texas