District I 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 South First, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 State of New Mexico
Energy Minerals and Natural Resources

RECEIVED
Revised March 17, 1999

Oil Conservation Division CD - ARTES Submit 30 appropriate District Office

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District IV 2040 South Pacheco, Santa Fe, NM 87505						Santa Fe, NN	1 8750	5 5,82_	632212523	%/	Fee I	Lease - 5 Copies	
							·		205	5021222		AME	NDED REPORT
APPL	CATIC	ON FO				ILL,	RE-ENTE	R, DEF	PEN,	PLUGBAC			A ZONE
MARBO	B ENE	RGY C	ORP	perator Name an ORATION	d Address						OGRII 140	D Number 149	
PO BOX 227								³ API Number					
ARTESIA, NM 88211-0227							Property Name			<u>30 - 015 </u>	3223	Well N	
295						TDE	STATE					1	0.
	T			· · · · · · · · · · · · · · · · · · ·	γ	⁷ Su	rface Location	n			T	·· · · · · · · · · · · · · · · · · · ·	
UL or lot no.	Section	Townshi	ip	Range	Lot 1	dn	Feet from the	North/S	outh line	Feet from the East	East	st/West line County	County
F	2	18 <u>S</u>		27E			1960	NO	RTH	1650	WEST		EDDY
			8 I	Proposed B	ottom	Hole	Location If I	Differe	nt Fron	n Surface			
UL or lot no.	Section	Townsh	ip	Range	Lot	ldin	Feet from the	North/South line Fee		Feet from the	East	ast/West line County	
·		<u> </u>	°Pro	posed Pool 1			1			10 Propo	osed Poo		
RE	D LAK	E QUE		GRAYBUR	G SAN	ANI	RES					~ -	:
11				V			15						
" Work '	Type Code			Well Type Coo	le	13 Cable/Rotary				Lease Type Code		Ground Level Elevation 3561 GL	
16 M	ultiple			'' Proposed Depth		18 Formation			19 Contractor			Spud Date	
	Y		_	4022'	SAN ANDRES								
		 		²¹]	Propose	d Ca	sing and Cer	nent Pr	ogram				
Hole Size Cas			Casin	g Size	Casing weight/foot		Setting D	epth	Sacks of C	ement		Estimated TOC	
12 1	/4"	<u> </u>	<u>8 5</u>	5/8"		24#	!	360	1	250 SX,	CIR	.c	
7 7	'/8 ''		5 1/2"		17#		!	4021'		900 SX, CIRC		.c	
² Describe th	e proposed	program.	If this	application is to	DEEPEN	or PL	UG BACK, give th	e data on	the presen	t productive zone a	nd prop	osed new pro	oductive zone.
Describe the b	lowout prev	ention pro	ogram,	if any. Use add	ditional she	ets if n	ecessary.						
ADD P	AY IN	SAN	AND	RES AS	FOLLO	ws:							
1. S	ET CI	n a	31A	n '									
					N AND	RES	- LOWER:	2624	-294	8' (15) TI	PPER	: 2021	!≏2543¹ (2¢
										GAL NEFE			23 13 (2
							2021 ' -2543	3 W/	3500	GAL NEFE	15%	HCL	
5. F	RAC SA	AN AN	DRE	S DOWN	CASIN	G		10					
1	\	1	dn giv	en above is true	and comp	lete to t	he best of		OIL C	CONSERVA	TION	DIVISI	ON
my knowledge and belief. Signature:										ML SIGNED			GUM
Printed name: DIANA J. CANNON								. 1	HSTRI	CT N SUPE	AN	M	<u></u>
Title:	PROI	DUCTI	ON	ANALYST			Appr	ovai Date	- Anc	1 0 2003	Expira	tion Date:	MAR 102
Date:	Date: Phone:							Conditions of Approval:					
3/	3/3/03 (505) 748–3303					303 Attac	Attached						

State of New Mexico

DISTRICT I P.O. Box 1980, Robbs, NM 88241-1980 Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office,

State Lease - 4 Copies .

DISTRICT II P.O. Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Fee Lease - 3 Copies

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

DISTRICT IV	WELL LOCATION AND	ACREAGE DEDICATION P	LAT
P.O. BOX 2088, SANTA FE, N.M. 87504-2088 API Number	Pool Code	Po	ol Name
30-015-32231	51300	RED LAKE QUI	EEN GRAYBURG SAN ANDRES
Property Code	Prop	erty Name	Well Number
29595	TDF	STATE	11
OGRID No.		ator Name	Elevation
14049	MARBOB ENER	GY CORPORATION	3561'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	2	18-S	27-E		1960	NORTH	1650	WEST	EDDY
·		<u> </u>	i			<u> </u>			

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	Code Or	der No.				
40									

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

<u>,</u>	01. 1. 1.01.		EN APPROVED DI 11	
LOT 4	LOT 3	LOT 2	LOT 1	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the heat of my knowledge and belief.
39 <u>.59 AC</u>	39.53 AC	39 <u>.44 AC</u>	39.3 <u>8 AC</u>	Signature DIANA J. CANNON
1650				Printed Name PRODUCTION ANALYST Title MARBH 3, 2003 Date
		134567	88707772	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and
		12 20 30 31 12 20 30 31 12 12 12 12 12 12 12 12 12 12 12 12 12	STATE	FEBRUARY 14, 2002 Date Surveyed AWB Signature & Scal left
		\$ 252	25577	ME 2/18/02 ME 2/18/02 02.11/0103
				Certificate No. RONALO 1 EIDSON 3239 GARY EIDSON 12841

TDF State 1 1960' fnl, 1650' fwl Sec 2-18s-27e Eddy Co., NM

13 Jan 03

Workover Procedure—Add Pay

Objective: Add pay in San Andres. The Lower San Andres will be acidized and swab tested by itself. If it yields a good oil show, it is likely that the Lower and Upper San Andres will be fraced together assuming the Upper San Andres yields a good oil show. If the Lower San Andres is not included in the frac, a decision may be made to decrease the size of the attached frac job. The San Andres will be pump tested by itself initially then commingled with the Yeso later.

Well Data: See wellbore sketch.

Procedure:

- 1. Set CIBP or 5K composite BP at approx. 3100' to cover the Yeso. Test plug to 2000 psi.
- 2. Perf Lower and Upper San Andres with one shot at the depths shown below using 4" casing gun with Millenium charges.

Lower San Andres: 2624', 2633', 2670', 2679', 2694', 2698', 2730', 2757', 2780', 2845', 2860', 2871', 2917', 2925', 2948' (15)

Upper San Andres: 2021', 2044', 2060', 2073', 2084', 2116', 2130', 2161', 2165', 2224', 2230', 2237', 2282', 2300', 2340', 2373', 2381', 2396', 2525', 2543' (20)

Perfs above picked on Density-Neutron log dated 8-17-02. The Depth Control Log generally appears to be 3 feet off – add 3 feet to the above depths to place the perfs on the Depth Control Log.

- 2. Acidize the Lower San Andres 2624-2948' with 2000 gal NE Fe 15% HCl with 30 ballsealers. Swab test for oil show. If good oil show, will probably frac Lower and Upper SA together.
- 3. Acidize the Upper San Andres 2021-2543' with 3500 gal NE Fe 15% HCl with 40 ballsealers. Swab test for oil show.
- 4. Frac San Andres down casing per attached frac design. If Lower SA is not to be fraced, a decision might be made to reduce the size of the attached frac job.

Kbc/tdf state 1a

