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

Oil Conservation Distriction 201 1220 South St. Francis Dr. D Santa Fe. NM 87505 ES/4 Form C-101 May 27, 2004

Submit to appropriate District Office

☐ AMENDED REPORT

APPL	ICAT	ION I	FOR	R PERMIT	TO D	RILL, RE-	ENTER, D	EEPEN	LPLUGBA	CK, OR	ADI	A ZONE	
Cimarex H	Co.		Operator Name	and Addre	ss		अप्रकृष्ट		OGRID Number 215099				
PO Box 1- Irving, TX		-0907							30 – 015-29871				
³ Prope		T			³ Property	Name	e "Well No.			No.			
OWDES	_				McGrud						ST		
	Hi 11	۲۲ - ت	Proposed Pool 1 Atoka	(Gas)	६५51	10 Proposed Pool 2 Happy Valley; Morrow							
McKirrick Hills Atoka (Gas) & 57 Happy Valley; Morrow 7 Surface Location													
UL or lot no.	Section 13	Town 22		Range 25E	Lot 1	dn Feet fro		South line outh	Feet from the 1924	East/West Wes		County Eddy	
8 Proposed Bottom Hole Location If Different From Surface													
UL or lot no.	Section 13	Town 22		Range 25E	Lot	dn Feet fro	om the North/S	South line	Feet from the East/West line County			County Eddy	
Additional Well Information													
11 Work Type Code A G						E .	e/Rotary R	14 Lease Type Code S			15 Ground Level Elevation 3404' GR		
16 Multiple				¹⁷ Proposed Dep 10765''	th		mation TOW		¹⁹ Contractor N/A		²⁰ Spud Date When Approved		
Yes Depth to Groundwater 50' – 100'			10703	Distanc		sh water well > 1	000'		n nearest su	nearest surface water > 1000'			
Pit: Liner: Syntheticmils thick Clay Pit Volume:bblsDrilling Method:													
Closed-Loop System													
²¹ Proposed Casing and Cement Program													
Hole Size Casing S				Casing weight/foot		Setting Depth		Sacks of Cement		Estimated TOC			
26"		20" K-55			94#		355	355'		ζ	Surface		
17-1/2"		13-3/8" J-55			54.5#		1216	1216'		ζ .	Surface		
12-1/4" 9-5		5/8" J-55/K-55		40#		5000'		1727 sx		Surface			
		' P-110/HCP-110		17#			11455'		x	4326'			
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.											ew productive zone.		
The McGruder 13 No. 1 ST is currently completed in the Happy Valley; Morrow zone with perfs from 10836'-11151'. Cimarex proposes to re-enter the well, set a CIBP @ 10800' w/ 35' cmt, and add Morrow perfs from 10654'-10786' (operations approved 12-													
19-06 via						··· • • · · · · · · · · · · · · · · · ·				(- F			
Once new	Morrow	nerfs l	have i	been stimular	ed as ne	cessary Cima	rex will set a o	composit	te bridge plug (/	D 10560'	and nr	oceed to perfithe	
Once new Morrow perfs have been stimulated as necessary, Cimarex will set a composite bridge plug @ 10560' and proceed to perf the Atoka from 10250'-10260' 4 spf and 10203'-10210' 4 spf. Those perfs will then be stimulated as necessary.													
If pressures and production are compatible, the two zones will be downhole commingled, and permission to do so will be applied for at													
the appropriate time via C-107A.													
²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be							OIL CONSERVATION DIVISION						
constructed	g to NM	OCD 1	guidelines 🔲, a			Approved by:							
<u> </u>			roved plan .			BRYAN G. ARRANT DISTRICT II GEOLOGIST							
Printed name				Zeno		ni,	Title:						
			dministratio	on		Approval Date	JAN 1	9 2007 _E	xpiration D	aJAN	1 9 2008		
E-mail Addre		imar											
Date: January 18 2007 Phone: 972-443-6489 Conditions of Approval Attached													

DISTRICT I 1405 M. FRENCE SR., State of New Mexico

Form C-102 4 JUNE 10, 2003 propriate District Office State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT II

OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR.

DISTRICT III 1000 Rie Branos Rd., Antos, NM 87410

331.08

Santa Fe, New Mexico 87505 <99783

ISTRICT IV po e. st. prance pe., santa pe.	WELL	LOCATION AND	ACREAGE DEDICATION PLAT	AMENDED REPOR
APE Number 30-015-29	371	Pool Code	Melan reel Willatoka (Gas)	EasT
Property Code		McG	Yell Number 1 ST	
0GRED No. 215099			erator Name NERGY COMPANY	Sevation 3404

Surface Location UL or lot No. Range Lot Idn Feet from the North/South line Foot from the East/West line County Section Township SOUTH 1924 WEST **EDDY** Ν 13 22-S 25~E 281 Bottom Hole Location If Different From Surface East/West line Feet from the North/South line UI or let Ne Section Township Range Let Idn Feet from the County WESY EDDY SOUTH 1777 1280 13 22-S 25-E Dedicated Acres Joint or Infill Consolidation Code

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

