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

Date. 11/07/08

Phone 432-685-4332

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

NOV 1 0 2008 OCD-ARTESIA

Form C-101 May 27, 2004

Submit to appropriate District Office

☐ AMENDED REPORT

1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa							M 875	05				
APPL	<u>ICATI</u>	ON FO	R PERMIT	TO D	RILL, RI	E-ENTI	er, oi	EEPE	N, PLUGBA	CK, OR A	DD A ZONE	
	C	Operator Name OG OPERA OW. Texas	and Addre	LLC 1200		OGRID Number 299137				37		
	33	0 w. Texas Midland, T	, Suite X 7970	01		³ API Number 30-015-26581						
3 Prope				GJ West	rty Name Coop U	Name "Well No. 90"						
			Proposed Pool 1						10 Propo	osed Pool 2		
Grayb	kson; 7R	VS-QN-GE	8-Glorie									
UL or lot no	Section	ction Township Range			7 Surface Location Lot Idn Feet from the North/South line				Feet from the	East/West line	County	
G	28	17S	Range 29E	Lot		2310		orth	2310	East	Eddy	
	,		⁸ Propo	sed Bott	tom Hole Lo	ocation If	Differer	nt From	Surface			
UL or lot no	Section	Township	Range	Lot	Idn Fe	et from the	North/South line Feet from the		Feet from the	East/West line	County	
					dditional V		ormati					
I .	Type Code D	ļ	12 Well Type Co	ode	· ·	Cable/Rotary Rotary		'	⁴ Lease Type Code S	150	¹⁵ Ground Level Elevation 3569	
	ultiple N		¹⁷ Proposed Dep 5700	epth 18 Formation					¹⁹ Contractor	A c. c.	²⁰ Spud Date As soon as approved	
Depth to Grou			3700	Distanc	ce from nearest	Yeso fresh water	well	L	Distance from nearest surface water			
Pit Liner.	Synthetic	n	nils thick Clay	☐ Pit V	/olume	bbls	Di	rilling Me	thod			
Close	d-Loop Sys	stem 🛚	2			1.6			r 🛛 Brine 🗌 Die	sel/Oil-based	Gas/Aır	
		T			sed Casin							
Hole S			ing Size	Casın	Casing weight/foot Setting Depth Sacks of Ceme 24 380 250		ment	Estimated TOC				
7-7/			3-5/8 5-1/2	17			4563		250 1800			
4-3/					11.3		5700		115			
7-3/7 7 11.3							3700		113			
						ve the dat	a on the p	present productive zo	one and propos	ed new productive zone		
Describe the	blowout pr	evention pro	gram, if any Us	se additions	al sheets if neo	cessary						
					Se	e Atta	chme	nts				
			n given above is					OII «C	ONSFRVAT	YON DIVI	SION	
best of my knowledge and belief I further certify that the drilling pit will be constructed according to NMOCD guidelines , a general permit , or							ved by	Len	JW. Z	Terre	<i>J</i>	
			roved plan 🔲.				Li	Li	SILS	Lalas		
Printed name: Kanicia Carrillo V				Title.					Company & Land			
Title	R	Regulatory Analyst					val Date.	11//	3/08 E	xpiration Date	11/13/10	
E-mail Addre	ss ko	carrillo@con	choresources cor	n	·			 			-	

Conditions of Approval Attached

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State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102 Revised June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

☐ AMENDED REPORT

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name Grayburg Jackson; 7RVS-QN-GB-Glorieta-Yeso, East			
30-015-26581	97558				
⁴ Property Code	······································	⁶ Well Number			
302497	GJ V	Vest Coop Unit	90		
⁷ OGRID No,		⁸ Operator Name	⁹ Elevation		
229137	COGO	PERATING LLC	3569		

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	28	17S	29E		2310	North	2310	East	Eddy

¹¹ Bottom Hole Location If Different From Surface

Bottom Hote Bottom in Billetom Hom Bullaco										
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
12 Dedicated Acres	13 Joint o	r Infill 14 (Consolidation C	Code 15 Or	der No.					
40										

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

	2310'		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
	ic it it	-	Signature Kanicia Carrillo Printed Name Regulatory Analyst
	•	231	Title and E-mail Address 11/07/08 Date
			18SURVEYOR 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 supervision, and that the same is true and correct to the best of my belief Referred Original Plat
			Date of Survey Signature and Seal of Professional Surveyor Certificate Number

Deepening Procedure

- 1. MIRU rig.
- 2. PU 4-3/4" bit and drill 4-3/4" from 4585' to 5700'.
- 3. POOH w/ bit and drillstring.
- 4. RIH w/ logs and log from TD to 5700'.
- 5. RIH w/ 4", 11.3# casing.
- 6. Cement casing from TD to 4486' w/ 115 sxs Class C cmt.
- 7. RDMO rig.

Completion Procedure

- 1. MIRU rig.
- 2. RIH/ w/ perforating guns and perforate Yeso from 5700 5500 w/ 2 spf, 30 holes.
- 3. Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 180,000 # of sand. Set plug at 5550'.
- 4. RIH w/ perforating guns and perforate Yeso from 5400' 5200'.
- 5. Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 180,000 # of sand. Set plug at 5150'.
- 6. RIH w/ perforating guns and perforate Yeso from 5100' 500'.
- 7. Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 180,000 # of sand.
- 8. RIH and drill out plug at 5150' and 5550'.
- 9. RIH and cut 4" casing at 4486'. POOH w/ 4" casing. Leave 4" liner from 4486' to 5700' (TD).
- 10. RIH w/ tbg and locate end of tbg at 4386'.
- 11. RIH w/ rods and pump.
- 12. RDMO rig.