Form 3160-4 (October 1990) OCD-ART	ESIA		UNITED				_		CATE* o other in-	E		APPROVED O. 1004-0137 ecember 31,1991
002	DEP		<b>MENT (</b> AU OF LAI				UR		erse side)	5. LEASE		ATION AND SERIAL NO 028775B
WELL CO	MPLET	ION O	R RECC	MPL	ETION	REPO	ORT A	ND LC	G*	6. IF INDI	AN, ALL	OTTEE OR TRIBE NAM
b. TYPE OF COM		OIL WELL	GAS WELL		DRY 🗌	Other _	RE	CEIVE	<u>.</u>	7. UNIT A	GREEME	NT NAME
NEW WELL 2. NAME OF OPERATO	WORK OVER	DEEPEN	PLUG BACK	11	RESVR.	Other _	MA'	γ <b>0 3</b> 20	96	8. FARM		ASE NAME, WELL N
COG Operating							ULL	-Mate	914	9. API WE	LL NO.	
3. ADDRESS AND	TELEPHONI		. =>/==					- 40-0	*			15-34573 SI
550 W. Texas, 4. LOCATION OF W							32) 685			┪		OL, OR WILDCAT
At surface  At top prod. inter			leany and in		630 FSL	-	•	นรา			T., R., M.,	KSON SR Q G SA
At total depth	variepoited	peiow								Se	ec. 27	T17S R29E
				14. PER	IIT NO.		DATI	E ISSUED		12. COUN PARIS E(	TY OR	13. STATE
15. DATE SPUDDED	5. DATE SPUDDED 16. DATE T.D. REACHED 17. DA			COMPL 16	Ready to prod.)		18 ELEVA	TIONS (DF, R	KB DT CE		<del></del>	LEV. CASING HEAD
2/28/2006	3/8/2	2006		3/25	2006			3541	' RKB			3532
20. TOTAL DEPTH, MD & 3610	TVD 2	I. PLUG, BA	CK T.D., MD & T 3589	VD	122. IF MULT HOW MA		'L.,	23. INTE	RVALS LED BY	rotary :		CABLE TOOLS
24. PRODUCING INTE	RVAL (S), OF	THIS COM	PLETION - TO	P, BOTT	OM, NAME (	(MD AND 1	r∨D)*				25	. WAS DIRECTIONAL SURVEY MADE
			2700-	3387.5	5', San A	ndres						Yes
26. TYPE ELECTRIC A			utron, Der	nsity, L	.ateralo	g, Spec	tral Ga	mma Ra	ıy		27. V	NO
28.	<del></del>				CORD (F		strings set					
CASING SIZE/GRADE	<del>- </del>	WEIGHT, LB/FT DEPTH				17 1/2		TOP OF CE	480s	ENTING RECO	RD	AMOUNT PULLED
8 5/8, J-55	3/8, H-40 48 5/8, J-55 32		26			2 1/4			500s			None None
5 1/2, J-55	17					7 7/8		860sx			None	
SEPTED FOR	RECORI	LINE	R RECORD		<u>l -</u>			30.	Ť	UBING RE	CORD	
SIZE	<u> </u>		OTTOM (MD)	OM (MD) SACKS CEMENT		SCREEN (MD)		SIZE	SIZE DEPTH SET (N		T (MD)	PACKER SET (MD)
	2006							2 3/	8	341	9	
31. PERFORATION R	ECORD (Inter	val, size a	nd number)			32.						UEEZE, ETC
ALEXIS C. SWOBODA PETROLEUM ENGINEER				-			2700-3387.5'		See 3160-5 for detail			
	2700-33	387.5', .	42, 133									
33.						DUCTION						
3/30/200		PRODUCTI	ON METHOD (FI	lowing, gas <b>2</b>	lift, pumping - " x 1 1/2	size and typ	e of pump) DUMD			WELL shut		Producing or Producing
DATE OF TEST	HOURS TEST	RS TESTED CHOKE SIZE		PROD'N FOR				GAS-MC	F.	WATER-BBL.		GAS-OIL RATIO
4/6/2006	24 hours			- 1531	TEST PERIOD		75		95		;	1267
FLOW. TUBING PRESS.	W. TUBING PRESS. CASING PRESSURE		CALCULATED OIL-BBL 24-HOUR RATE 7		-ввс. 75	GA	GAS-MCF. 95		WATER -	- BBL. OIL GRA		AVITY - API (CORR.)
34. DISPOSITION OF	GAS (Sold, u	sed for fue	l, vented, etc.)		S	Sold			·			
35. LIST OF ATTACH	MENTS			Devi	ation Su	irvev ai	nd Logs	s				N
36. I hereby certify	Hyat the fore	going and	l attached in						ed from a	ıll available	record	s
SIGNED 6	my a	! Sh	enell	т	ITLE	Р	roducti	on Cleri	k	DA	TE	4/22/2006

37. SUMMARY OF POR drill-stem, tests, inclusion recoveries):  FORMATION  FORMATION  SA	ROUS ZONI luding depth  TOP  2700	BOTTOM  BOTTOM  3387.5	37. SUMMARY OF POROUS ZONES- (Show all important zones of porosity and contents thereof; cored intervals; and all creoveries).  FORMATION TOP BOTTOM DESCRIPTION, CONTENTS, ETC.  Grayburg Jackson SR Q G 2700 3387.5  3387.5	NAME NAME Yates Seven Rivers Queen Grayburg San Andres	GEOLOGIC MARKERS  TOP  TOP  TRUE  MEAS. DEPTH  VERT. DEPTH  2566  2500
				Yates Seven Rivers Queen Grayburg San Andres	SECENTED SAME SERVED CONTRACT

## Silver Oak Drilling, LLC

PO Box 1370 Artesia, NM 88211-1370

March 15, 2006

COG, LLC c/o Mack Energy Corporation PO Box 960 Artesia, NM 88211-0960

RE: RJ Unit #134

2630' FSL & 1650' FWL Sec. 27, T17S, R29E Eddy County, New Mexico

Dear Sir,

The following is the Deviation Survey for the above captioned well.

DEPTH	DEVIATION	DEPTH	DEVIATION	
165′	1/4°	2	010′	1 3/4°
380'	1/4°	2	354'	1 1/4°
625'	1 1/4°	2	697'	1 3/4°
850'	1 1/4°	2	913'	2 1/4°
1051'	1°	3	069'	1/2°
1306'	3/4°	3	<del>44</del> 0'	3/4°
1667'	1 1/4°	3	610'	10

Very truly yours,

Eddie C. LaRue
Operations Manager

Chaha of Nove Marrian

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 15<sup>th</sup> day of March, 2006.

My Commission Expires: 8/30/08

Notary Public