HOUSE, Was L'SUBLIT IN TO

(Other instructions on reverse side)

FORM APPROVED OMB NO. 1004-0136 Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR

			٠		 , 2	a' 1332	
	5.	LEASE	DE	B10.5	 		_
١				4.0.	THD	BERIAL	N

	BUREAU OF	LAND MANA	GEMENT			LC-054	6.8
APPL	ICATION FOR P	ERMIT TO	DRILL OR DE	EPEN			TTEE OR TRIBE HAME
1s. TYPE OF WORK							
	ILL X	DEEPEN				7. UNIT AGREEME	KI NAMB
b. Tipe of wall	AS TO		SINGLE OT	MULTI	PLE C		
WELL	VELL X OTHER		SINGLE X	ZONE		8. FARM OR LEASE NAM	E WELL NO.
2. NAME OF OPERATOR		/====		10 (10)	•	RHODES FEDE	RAL UNIT # 41
	MANAGEMENT COMPA	ANY (ZENO	FARRIS) 972-4	43-648	9	9. ATWELLING.	- 34000
3. ADDRESS AND TELEPHONE NO.		7501/				, 16 mm	2-134376
	IRVING, TEXAS		Section 1			10. FIELD AND POO	
At surface	-		-	IEDER'- I			S-7 RIVERS GA
	n' FWL SEC 4 T2	6S-R37E LE	A CO NM			11. SEC., T., R., M., AND SURVET O	OR BLE.
At proposed prod. zon	ne SAME					SEC. 4 T	26S-R37E
14. DISTANCE IN MILES	AND DIRECTION FROM NEAR	EST TOWN OR POS	T OFFICE*			12. COUNTY OR PAI	LISE 13 STATE
Approximately 5	miles South of	Jal New Me	xico			LEA CO.	NEW MEXICO
15. DISTANCE FROM PROP			1 16. NO. OF ACRES IN	(LEASE	1 17. NO. O	F ACRES ASSIGNED	
LOCATION TO NEAREST PROPERTY OR LEASE !		660'			TO TH	160	
(Also to Bearest dr)	g. unit line, if any)		160	 -	20 8074	TOU CABLE TOULS	
	RILLING. COMPLETED.	5001	3380'	•		TARY	
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)	CAPTERN (104 1 77 7	······	22. APPROX. DATE	WORK WILL START
		GR. 2984	CONTROLLED	WATER	i basin	As soon as	approved
23.		PROPOSED CAS	ING AND CEMENTING	G PROGRA	м	ras soon as	approved
SIZE OF ROLE	GRADE, SIZE OF CASING	WEIGHT PER F			T	QUANTITY OF C	THE TENT
121/2		: 24	750'		600 5	circulate	-
7 7/8"	K-55 8 5/8" K-55 4½"	11.6	3380'				to surface
 / / / 6 -	K-33 43	11.0			1000 02	. CILCUIACE	to sarrace
					Ì	70	
400 Sx. of	hole to 750'. Ru Halco Light + ac circulate cement	iditives, t	ail in with 2	J-55 00 Sx.	24# ST	&C casing. C	ement with flocele/Sx
2. Drill 7 7/8 in two stag + ½# flocel	B" hole to 3380'. ges. First stage Le/Sx. Second sta Le/Sx., circulate	Run and s cement wit	et 3380' of 4 h 400 Sx. of with 600 Sx.	of Class	"C" ceme ss "C" I	ent + 3# of	salt/Sx.
		\neg		AFU	140 471E (COUDEMENT	C AND
OIL CONSE	RVATION DIVISION					EQUIREMENT	עוווע
	CHIBIT NO. 16			SPE	CIAL ST	IPULATIONS	
	S. 12015 & 12017	-			ACHED		
N ABOVE SPACE DESCRIB Expen directionally, give perti	E PROPOSED PROGRAM: If p	roposal is to deepen, and measured and to	give data on present produce vertical depths. Give bl	uctive zone lowout preve	and proposed nter program, i	new productive zone. (any.	If proposal is to drill or

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL IF ANY:

TITLE Agent

(ORIG. SGD.) ARMANDO A. LOPEZ

ce for Federal or State office use)

(This

APPROVED BY

acting are institute

MAY 04 1998

04/07/98

*See Instructions On Reverse Side

STRICT I . Box 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

STRICT H Drawer DD, Artesia, RM 88211-0719

STRICT III 00 Rio Brazos Ed., Axtec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe. New Mexico 87504-2088

STRICT IV

☐ AMENDED REPORT

i. Box 2088, Santa Fe, NM 87504-2088 WELL LOCATION AND ACREAGE DEDICATION PLAT API Number Pool Code Pool Name RHODES-YATES-7 RIVERS 83810 Property Code Well Number Property Name 415 22321 REU OGRID No. Operator Name Elevation 162683 GRUY PETROLEUM MANAGEMENT CO. 2984 Surface Location JL or lot No. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County 4 660 SOUTH 26 S 37 E 660 WEST LEA Bottom Hole Location If Different From Surface North/South line JL or lot No. Lot Idn Feet from the Section Township Range Feet from the East/West line Dedicated Acres Joint or Infill Consolidation Code Order No. 160 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 OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature Joe T./Janica Printed Name Agent Title 04/07/98 Date 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 supervises and that the same is true and correct to the best of my belief. Date Surveyadumining 26, 1998 JLP Signature D Sout property of MEX, 2982.6" 2982.4" 660'+ CONTROL NO. RONALD EDSON. CARROL EIDSON. CARROL EIDSON. CARROL EIDSON. 2986.11 2983.4" 3239 12165

4.

3.

UNI STATES

PORM	APP	RO	VED
OMBN	o. I	004	Q135
Expires	July	JI,	1996

Do not us abandoned SUBMIT IN 1. Type of Well Oil Well So Gas Well 2. Name of Operator Gruy Petroleum Mail 31. Address P. O. Box 140907 I. 4. Location of Well (Footage,		INTERIOR AGEMENT ORTS ON WEI drill or to re-e D) for such pro uctions on re-	nter an possis.	5. Well N. RHOD 9. API W. 30-02 10. Field at Rhode 11. County	FORM APPROVED OMB No. 1004-0133 Expires July 31, 1996 5. Lease Serial No. LC-054668 6. If Indian, Allottee or Tribe Name					
12 OUEON	A DOD ODDIA TO POVICE OF		ATURE OF NOTICE		o., NM					
12. CHECK	APPROPRIATE BOX(ES) TO	J INDICATE N		REPORT, O	R OTHER DATA					
If the proposal is to deepen Anach the Bond under which following completion of the testing has been completed, determined that the site is re 06/12/98 Drilled 40 06/16/98 MI & RU II 06/17/98 Drilled to 'C' w/ 4% PD @ 1:1 (Witnesse	Acidize Alter Casing Casing Repair Change Plans Convert to Injection Clearly state all pertidirectionally or recomplete horizonta ch the work will be performed or province of the pertidirection of the content of the	lly, give subsurface vide the Bood No. I results in a multiple filed only after a conductor pipe of 12-1/4" hole 24# ST/C J-55 ake and tailed video NU BOP & with the subsurface of the subsurfa	Recomplete ndon	Abandon al I any proposed we true vertical depropried subseques in a new intersectamation, have leady Mix to 9' KB. Cemacle & 1/4# co e to 1000 ps	with of all pertinent markers and zones of reports shall be filed within 30 day; val, a Form 3160-4 shall be filed once been completed, and the operator has surface. ented w/ 275 sx celloflake.					
I hereby certify that the fore Name (Printed/Typed)	going is true and correct	 π	tle .		AU OF LAND MANAGEMENT					
Zeno Farris			Manager Operation	s Administra	ition					
Signature	200 Fan	ا رب	ale June 23, 1998							
	THIS SPACE F	OR FEDERAL	OR STATE OFFICE US	SÉ						
pproved by			Title (aie '					
fully that the applicant holds !	are attached. Approval of this notice legal or equitable title to those right to conduct operations thereon.	does not warrant in the subject les	or Office	<u> </u>						

itle 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or audulent statements or representations as to any matter within its jurisdiction.

Submit i duplicate to appropriate district office

See Rule 401 & Rule 1122

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fc, New Mexico 87504-2088

		IVIO	LITTOIL	A I WIA	D ONE	POIIT	LBAC	C FICE.		KE LEST F		13 W E			
Op	CRUY-MAN	AGEMEN	Т			· 3									
Type Test								Test Date //28/98				Well No. 415			
<u> </u>	Completion Date Total Depth Plug Back TD 2975 2975							2984 Guit				4-26	1-265-37E - TWP - Rze		
Tree Size WL d Set At Perforations:									<u> </u>			County			
1	5½	15.5	4.950	ı	ĺ	firan:	•		To:			LEA			
161). Size	WL	d	j Sα Λ	.]	l'eriorane	ais:					Pool			
	2-3/8	4.7	1.995	275	9	From:	•		To:			}			
	e Well - Single	- Bradenho	ad - G.C. 0-	GQ Mult	iple		Packer Se				,	Formatio	7- 2:		
1200	single ducing Thru	Reservoir	Temp. *I* I	dean Aum	ul Temp.	71:	non	e . P					77-Rive	rs -	
	tbg	850		60°				13	. 2	· · · · · · · · · · · · · · · · · · ·		AIR			
L 27	. 11 59 27		Gg . 896	% CO) <u>.</u> 24.879	9.1	1.146	% I	ĻS	Prover 8"Poss.	chabe	Mas Ru none	a	Taps	
	-/-7		OW DATA	<u> </u>				1 1	UBUN	IG DATA		ASING D	ATA	<u> </u>	
МО	Prover X	Orifice		Press.	Ditt.		Temp.	Pres		Temp.	Pres		Temp.	Duration	
	Sizz	Sizz	<u>`</u>	ışi.g.	h,		411.	p.s.i.		el:	p.s.i.	g.	•F	Flow	
Si	6" Pos	Chok!	<u>e </u>					1 720			78		N/A	! 60min	
<u>1.</u> 2.	24/64	"	<u> </u>			- 		1 75		1 92°	- 78			60min	
3.	18/64	11			<u>'</u>			81		90°	87			60min	
4.	16/64	11						86		89°	92	i		160min	
5.															
	Correct					RATE O	FFLOW			NS Gravity Factor	10	<u>-</u>			
NO.			h_P_		P	M		Temp. or FL		Fg.	Facto	Compress. ir, F pv.	<	us of Flow Q, Medd	
1.	2.591				75.2	1 .7700			<u> </u>	1.056		064	212		
2. 3.	1.771				88.2		.972		+-	1.056		056 056	169	· .	
4.	1.112	1			99.2		.972 .975			1.056		056	1 119		
5.	1	- 			 		, , , , , , , , , , , , , , , , , , ,	<u>-</u>	i		1				
NO.	P	Temp. 9	R	i',	Z	1	iquid Ilydr			N/A				Mc/sbL	
1.	.67	522	1.2	8	.884		-	ity of Liquid Hydrocarbons N/A vity Separator Gas 896 XX					1.444	Deg.	
2.	.71	550	11.3		.896		ilic Gravity	•		.070	xxxx	~	<u> </u>	XXXXX	
3.	.77	550	11.3		.896		≃l Pressure	•		768	ANAA	PSIA	j		
<u>4.</u> 5.	.71	549	11.3		.896	1	zi Tempera			406				R	
	20.1	P.2	14.42												
	P ₁ 2	P.	l p	<u></u> .	P. 4 - P.	(1	P 2	<u>- 1.</u>	89		(2) r	P. 2	7 *=_	1.89	
NO. 1.	1 1	68.9	6.		7.61		p 2 - p	1			P	² - P ²	1		
2.		80.8	6.		7.90	- 		•		• .	r.	,	1		
3.		86.2	7.	43	6.99		F=Q	T P	2	7	400.7				
4.		90.8	8.	24	7.43	\Box		P 2	- P_3	Г					
5.								<u> </u>							
Absol	Absolute Open Flow								of Slo	p≈ θ <u>45</u>	•	Sid	оре, п1	.000	
Remarks: *CALCULATED FROM KNOWN BOTTOM PRESSURES															
* NO LIQUID MADE DURING TEST															
							- · · · ·	C.1	Dec			Checked E	lv•		
whhee	Approved By Division Conducted By: PRO WELL TESTING							Calculated /	uy : 1B			BM	.,,.		

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE. (Scrother in-structions on reverse side) FOR APPROVED

OME	NO. 1004	H0137
Expires:	December	31, 199

_			Decembe			
١.	i.xabe	DESK	MOTTAKE	AND	BERIAL	XO.

		BURE	EAU OF LA	nd Mai	NAGEME	ENT	_		CAS PHIS	LC	-05466	68	N JAIRES CAN NO.	
WELL CO	MPLE	TION (OR RECO	MPLE	TION	REPO	RT AN	D LO	G*	6. 11	INDIA	M. ALLO	TIBE OR TRIBE NAM	
1a. TYPE OF WE	LL:	QII. WELL	WKLL	X)	DET 🗌	Other				7. 0	NIT AGE	REMENT	P YAME	
NEW WRLL	WORK	DKET-	The skirk (PP.		••			89	20003	8820	_	
2. NAME OF OPERA	TOR	LJ EX	BYCK (HVR.	Other							SE NAME, WELL N al Unit # 415	
Gruy Petrole	um Mar	nagement	Co.								PI WELL		ai Unit # 415	
J. ADDRESS AND	TELEP	HONE NO.									-025-3			
P O Box 1409													L OR WILDCAT	
4. LOCATION OF WE	50 FSL	& 660 FV	cicarly and in VL	accordan	ce with an	y State r	equiremen	ta)*					7 Rivers Gas	
At top prod. in	terval res	ported below	,								or area:			
** ** * * * *	-										7 200	3 07 L		
At total depth										_				
				10. 7	ERMIT NO.			ISSUED			TENUO:	02	13. STATE	
15. DATE SPUDDED	T-14-2:	T T.D. REAC		[48: 4: 4		5-4-9			Lea			NM	
	1				(Ready to	o prod.)	1	ATIONS (of, eks.	RT, GR,	etc.) •	19. 2	LEV. CASINGERAD	
6-12-98	6-20-9		7-23-9		2. IF MI'L	7191 F CO	2984 (5K 1 23. INT			RY TOO	<u> </u>		
3057'	- 110	2980'		-	HOW N		H F 60-4		LLED AT	i Ali	AI TOU	1	CABLE TOOLS	
24. PRODUCING INTER	RVAL(E).		H'LETION-TOP	BOTTOM	. NAME ()	T GNA CP	70) *	<u> </u>	->	1 VII		1 25	. WAS DIRECTIONAL	
Yates - 2740)-2837			•	•		•						SULVET MADE	
												Ye	s	
26. TIPE ELECTRIC	ND OTHE	a Loca RUR										27. W	AS WELL COLED	
Sector Bond	; Gamn	na Ray/C	CL									No		
ea.			CASI	NG REC	ORD (Rep	ort all at	rings set is	well)			. :			
CASING SIZE/GRADE	ARIG	RT, LS./37.	DEPTH SE	T (MD)	HO	LE SISE		TOP OF CE	MENT, C	EMENTING	RECORD	<u> </u>	AMOUNT PULLED	
8 5/8" J-55	24 #		770.9'	12 1/4"				475 sx C w/ 2% CaC						
5 1/2" J-55	15.5	#	3005'	3005' 7 7/8"			850 sx C Poz, sur					-0-		
	J				_									
					<u> </u>									
29.			TER RECORD		 ,			30.		TUBIN				
AIRE	TOP (1	(D) N	OTTOM (MD)	BACKS C	ENTHI.	SCREEN		8128	<u> -</u>		SEL (M	D)	PACKER SPT (MD)	
								2 3/8	²	759'				
31. PERFORATION REC	nen Wei	ernal size i	and number	<u></u>		1 00	1	TD ###	1		*****	<u> </u>	CEZE, ETC.	
2740'-2837' 1	,,,,,,		,			82.	INTERVAL						ATREIAL USED	
2140 2001 1	02 110,0	.o 2 op.				2740'-		. (20)		gals 1				
•						1	-2837		.1				2, 190,000#	
						2/40	2001			0 Brad			2, 100,000 #	
									10,0	<u> </u>	, 000			
83.*					PROI	DUCTION			<u> </u>					
PATE FIRST PROSUCT	10K	Flowin	ION METROD (lowing, s				ype of pu	mp)		PIO	ducing	(Producing or	
PATE OF TEST	HOURE	TESTED	CHOES BES	7200	'N. FOR	0168	BL.	GASM	C7.	WAT	22—88£		GAR-OIL BATIO	
7-28-98	4 ho		24/64	TEST	PER100	0		212	٠	0				
PLOW, TUTKING PROOF.	CABING	PRESECUE	CALCULATED	OIL	-83L		MCP.				$\overline{}$	OIL ST	LATITI-API (CORE.)	
62	78		24-HOUR BAT	• 0		4	100.7]	0]			
34. DISPOSITION OF G	AS (Sole,	wood for fu	el, vented, etc.)							TEST	WITHE	56ED B?	T	
Vented							,							
35. LIST OF ATTACE	MENTS													

C-122 Back Pressure Test, electric log, and deviation summary

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

DATE 8-19-98

Manager, Operations Adm.