NCERTO SUIL OUTOF WIS

NM SIZION BERVATION

OF THE INTERIOR

OF THE INTERIOR

Form 3160-4 (August 2007)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SEP 1 3 2017

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG											5. Lease Serial No. NMLC026874B					
la. Type o	f Well <b>[</b>	Oil Well	☐ Gas <sup>v</sup>	Well [	<b>D</b> ry	<b>□</b> 0t	her		- Carlotte			6. If	Indian, Allo	ottee or	Tribe Name	
b. Type o	of Completio	n		□ Work 0	Over	☐ De	epen 🔲	Plug Ba	ck	☑ Diff. R	lesvr.	7. U	nit or CA A	greeme	ent Name and No.	
2. Name o		OURCES	II-A,L.P. E	-Mail: mik			KE PIPPIN						ease Name a			
	C/O MIK		3104 N SUI		<u> </u>		3a. Phon Ph: 505			rea code)			Pl Well No.		30-015-41214	
4. Location	n of Well (R	eport locat	ion clearly an	d in accord	lance wi	th Fede	ral requirem	ents)*					ield and Po		Exploratory -SA 51300	
At surf			. 1750FWL									11. 5	Sec., T., R.,	M., or	Block and Survey	
At top prod interval reported below SESW 330FSL 1750FWL or Area Sec 33 T17S R27E Mer  12. County or Parish 13. State																
		SW 330F	SL 1750FW		<del></del>					·-···		E	DDY COU	NTY	NM	
14. Date S 04/21/	2013			ate T.D. Re /26/2013	ached			Date Co. 0 & A 4/05/20	mpleted R D17	eady to P	rod.	17. E	devations (I	DF, KE 18 GL	3, RT, GL)*	
18. Total I		MD TVD	4604 4604		Plug			MD 4532 TVD 4532			20. Dep	Depth Bridge Plug Set: MD 2765 TVD 2765				
21. Type I	lectric & Ot TION & NE	her Mecha UTRON/I	nical Logs R	un (Subinit	copy of	each)			2		well cored DST run?	?	⊠ No ⊠ No	☐ Yes ☐ Yes	(Submit analysis) (Submit analysis)	
				<del></del>	<del> </del>						tional Sur	vey?	⊠ No □ No	Yes	(Submit analysis)	
23. Casing a	nd Liner Re	cord (Repo	ort all strings	set in well, Top		ttom	Stage Ceme	nter	No. of	Ske &	Slurry	Vol				
Hole Size	Size/0	Grade	Wt. (#/ft.)	(MD)		AD)	Depth		Type of		(BB		Cement T	Гор*	Amount Pulled	
12.250	+	.625 J-55		i	0	437				280	<del></del>	66		0	0	
7.87	5 5	.500 J-55	17.0	i	0	4585		-		1000	)	269		0	0	
•	1	_			1			+	*		<del>                                     </del>					
					+		-	$\neg \vdash$			1					
24. Tubing	Record Depth Set (	MD) I B	acker Depth	(MD)	Size	Dontl	ı Set (MD)	Doole	er Deptl	- (MD)	C:	I D.		, T	Dealers Death (MD)	
	L80	2688	acker Depui	(MD)	Size	Бери	i set (MD)	Fack	ег Бери	I (MD)	Size	De	pth Set (MI	<del>"</del>	Packer Depth (MD)	
	ing Intervals					26.	Perforation I	Record			<u> </u>					
I	ormation		Тор		Bottom		Perfora	ted Inte			Size		No. Holes		Perf. Status	
	E, Q-G-SA	51300	<del></del>	817		+			430 TO 800 TO	_	0.40	_		SA O		
B) C)						+			278 TO		0.40 0.40	-		SA OI		
D)	-					1	<del>'''.'</del>		710 TO		0.4	<del></del>			PERFS BELOW OBP @ 27	
	racture, Trea	itment, Cei	ment Squeeze	e, Etc.			·									
	Depth Inter		T 44 4500 0	1 450/ 110	0.554	055.14	/00.000.11.400			Type of M		01.101	<i>[</i> ]		<del>-/ </del>	
			541 1500 GA 151 1500 GA							<del></del>			<del>- / / / -</del> -		<del>-/</del>	
			626 1500 GA										<del></del>	<del></del>	<del>/                                    </del>	
			452 7350 GA	AL 15% HC	L & FRA	CED W	/317,563# 16	/30 BRA	DY & 38	3,682# 16	/30 SIBER	PROF	SANDIN	K-LINK	ØD GEL	
	tion - Interva	· · · · · · · · · · · · · · · · · · ·	T	I 0:1	Ta	<u> </u>	, La	VI 0 1	/_	T.	<u> </u>			/	V''V	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	В	BL C	oil Gravity Corr. API		Gas Gravity	Ford	roducti	on Method	da	11/100	
04/06/2017 Choke	04/15/2017		24 Hr.	245.0 Oil	50. Gas		383.0	ias:Oil		AUU	FLIH	リト	UFKETTE	<b>OFUN</b>	KIND UNIT	
Size	Tbg. Press. Flwg.	Csg. Press.	Rate	BBL	MCF	В	BL R	latio		Wellis			1 L /	<b>/</b>	1 \/,/ , //	
28a Produ	SI ction - Interv	ral B		245	50	,	383	1	04	<del>│                                    </del>	ow A. T.	- /	T sof	1	<del>-   N h</del> //	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF			il Gravity Гогт. API		Gar		Produci	of Method	$\langle     \rangle$		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF			ias:Oil /	1		CARLSB		ELD GELT			
(See Instruct	L	ices for adi	ditional data	on reverse	side)		I			/					<del></del>	
	NIC SUBM	ISSÍON #3	373607 VER TOR-SUE	IFIED BY	THE B	LM WI	ELL INFOR ATOR-SU	MATI J <b>BN</b> II	ON SYS	УГЕМ ** <b>ОРЕ</b>	RATO	R-SI	ЈВМІТТІ	ED **	. / /	

TUBB  2881 4264 OIL & GAS TUBB  4264 OIL & GAS OIL & GAS GRAYBURG SAN ANDRES 14 GLORIETA YESO 28 TUBB  32. Additional remarks (include plugging procedure): THIS IS FOR A RECOMPLETION FROM YESO TO SAN ANDRES.	28b. Prod	luction - Inter	val C						<del></del>					<u></u>		
Size   Free   Press												Production Method				
Total Poster   Tot   Total Poster		Flwg.								Well Status						
Date   Trip   Dress   Tity   Dress   State   Production   BBL   Dits   BBL   Gas. Old   State   State   State   Production   BBL   Dits   BBL   Gas. Old   State   S	28c. Prod	luction - Inter	val D		1	· · · · · ·										
29. Disposition of Gas/Sold. used for field. verted. etc.)  29. Disposition of Gas/Sold. used for field. verted. etc.)  30. Summary of Protous Zones (Include Aquifers):  Show all important zones of portosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut in pressures and recoveries.  31. Formation Top Bottom Descriptions, Contents, etc.  Name Tomation Top Bottom Descriptions, Contents, etc.  QLORIETA 2780 2881 Oll. & GAS GRAY BURG GRAY BURG 17 DESCRIPTION OF A RECOMPLETION FROM YESO OLL & GAS GRAY ANDRES 11 GLORIETA 278 DESCRIPTION OF THE PROME A RECOMPLETION FROM YESO TO SAN ANDRES.  32. Additional remarks (include plugging procedure):  THIS IS FOR A RECOMPLETION FROM YESO TO SAN ANDRES.  33. Circle enclosed attachments:  1. Electrical Mechanical Logs (I full set reqd.) 2. Geologic Report 3. DNT Report 4. Directional Surv. 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission 8373607 Verified by the BLM Well Information System.  For LIME ROCK RESOURCES II-AL.P., sent to the Caribad  Name (please print) MIKE PIPPIN  Talle PETROLEUM ENGINEER												Production Method	·			
Sol.D  30. Summary of Porous Zones (Include Aquifers):  Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation  Top  Bottom  Descriptions, Contents, etc.  Name  Markers  Formation  Top  Bottom  Descriptions, Contents, etc.  Name  Markers  These  GLORIETA  2790  2881  4264  OIL 8 GAS  GRAYBURG  12 SAN ANDRES  14 GLORIETA  27 SAN ANDRES  14 GLORIETA  27 TUBB  32. Additional remarks (include plugging procedure):  THIS IS FOR A RECOMPLETION FROM YESO TO SAN ANDRES.  33. Circle enclosed attachments:  1. Electrical Mechanical Logs (1 full set req/d.)  5. Sundry Notice for plugging and cement verification  6. Core Analysis  7. Other:  4. Directional Survers, Sundry Notice for plugging and attached infirmation is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #373697 Verified by the BLM Well Information System.  For LIME ROCK RESOURCES II ALL.P., sent to the Carlboad  Tatle PETROLEUM ENGINEER		Flwg.								Well Sta	eli Status					
30. Summary of Porous Zones (Include Aquifers):  Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation  Top  Bottom  Descriptions, Contents, etc.  Name  Top Meas.  GLORIETA  2790 2881 4264 2881 4264 01L 8 GAS GRAYBURG 11 SAN ANDRES 14 GLORIETA  1280 4284 4264 01L 8 GAS 01L 8 GAS TUBB  32. Additional remarks (include plugging procedure): THIS IS FOR A RECOMPLETION FROM YESO TO SAN ANDRES.  33. Circle enclosed attachments:  1. Electrical Mechanical Logs (1 full set revid.)  5. Sundry, Notice for plugging and cement verification  6. Core Analysis 7. Other:  34. Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #373807 Verified by the BLM Well Information System.  For LIME ROCK RESOURCES 11-AL.P., sent to the Carisbad  Title PETROLEUM ENGINEER  Title PETROLEUM ENGINEER			(Sold, used	for fuel, ven	ted, etc.)	<del> </del>	I									
tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation Top Bottom Descriptions, Contents, etc. Name T. Meas.  GLORIETA 2790 2881 OIL & GAS GRAYBURG 181 GRAYBURG 121 GR			ıs Zones (Ir	nclude Aquife	ers):					·····	31. For	mation (Log) Marke	ers			
Formation Top Bottom Descriptions, Contents, etc. Name Meas.  GLORIETA 2790 2881 Olt. & GAS GAS GRAYBURG 137 SAN ANDRES 14 4264 Olt. & GAS Olt. & GAS GAS GRAYBURG 12 SAN ANDRES 14 GLORIETA 279 SAN ANDRES 14 GLORIETA 279 SAN ANDRES 14 GLORIETA 279 SAN ANDRES 14 SAN ANDRES 15 SAN ANDRES 15 SAN ANDRES 16 SAN ANDRES 16 SAN ANDRES 16 SAN ANDRES 17 SAN ANDRES 17 SAN ANDRES 17 SAN ANDRES 18 SAN AND	tests,	including dep								·						
TUBB  2881 4264 OIL & GAS GAS GRANDICES GLORIETA 27 FESO 28 TUBB  32. Additional remarks (include plugging procedure): THIS IS FOR A RECOMPLETION FROM YESO TO SAN ANDRES.  33. Circle enclosed attachments: 1. Electrical Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Surv. 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #373607 Verified by the BLM Well Information System. For LIME ROCK RESOURCES II-A.IP., sent to the Carlsbad  Name (please print) MIKE PIPPIN  Title PETROLEUM ENGINEER		Formation		Тор	Bottom		tions, Conte	nts, etc.		Name						
33. Circle enclosed attachments:  1. Electrical/Mechanical Logs (1 full set req'd.)  2. Geologic Report  3. DST Report  4. Directional Surve  5. Sundry Notice for plugging and cement verification  6. Core Analysis  7 Other:  64. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #373607 Verified by the BLM Well Information System.  For LIME ROCK RESOURCES 11-A,L.P., sent to the Carlsbad  Name (please print) MIKE PIPPIN  Title PETROLEUM ENGINEER	YESO	ГА		2881	2881 4264 OIL & GAS					GRAYBURG SAN ANDRES GLORIETA YESO				817 1236 1462 2790 2881 4264		
33. Circle enclosed attachments:  1. Electrical/Mechanical Logs (1 full set req'd.)  2. Geologic Report  3. DST Report  4. Directional Surve  5. Sundry Notice for plugging and cement verification  6. Core Analysis  7 Other:  64. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #373607 Verified by the BLM Well Information System.  For LIME ROCK RESOURCES 11-A,L.P., sent to the Carlsbad  Name (please print) MIKE PIPPIN  Title PETROLEUM ENGINEER																
33. Circle enclosed attachments:  1. Electrical/Mechanical Logs (1 full set req'd.)  2. Geologic Report  3. DST Report  4. Directional Surve  5. Sundry Notice for plugging and cement verification  6. Core Analysis  7 Other:  64. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #373607 Verified by the BLM Well Information System.  For LIME ROCK RESOURCES II-A,L.P., sent to the Carlsbad  Name (please print) MIKE PIPPIN  Title PETROLEUM ENGINEER																
33. Circle enclosed attachments:  1. Electrical/Mechanical Logs (1 full set req'd.)  2. Geologic Report  3. DST Report  4. Directional Surve  5. Sundry Notice for plugging and cement verification  6. Core Analysis  7 Other:  64. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #373607 Verified by the BLM Well Information System.  For LIME ROCK RESOURCES 11-A,L.P., sent to the Carlsbad  Name (please print) MIKE PIPPIN  Title PETROLEUM ENGINEER														,		
33. Circle enclosed attachments:  1. Electrical/Mechanical Logs (1 full set req'd.)  2. Geologic Report  3. DST Report  4. Directional Surve  5. Sundry Notice for plugging and cement verification  6. Core Analysis  7 Other:  64. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #373607 Verified by the BLM Well Information System.  For LIME ROCK RESOURCES 11-A,L.P., sent to the Carlsbad  Name (please print) MIKE PIPPIN  Title PETROLEUM ENGINEER																
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Surve 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:  64. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #373607 Verified by the BLM Well Information System.  For LIME ROCK RESOURCES II-A,L.P., sent to the Carlsbad  Name (please print) MIKE PIPPIN  Title PETROLEUM ENGINEER	32. Addit	tional remark S IS FOR A F	s (include p RECOMPL	olugging prod ETION FRO	edure): OM YESO T	TO SAN A	NDRES.			L				<u> </u>		
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Surve 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:  64. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #373607 Verified by the BLM Well Information System.  For LIME ROCK RESOURCES II-A,L.P., sent to the Carlsbad  Name (please print) MIKE PIPPIN  Title PETROLEUM ENGINEER																
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Surve 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:  6. Analysis 7 Other:  6. Linereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  6. Electronic Submission #373607 Verified by the BLM Well Information System.  For LIME ROCK RESOURCES II-A,L.P., sent to the Carlsbad  Name (please print) MIKE PIPPIN  Title PETROLEUM ENGINEER																
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:  64. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #373607 Verified by the BLM Well Information System.  For LIME ROCK RESOURCES II-A,L.P., sent to the Carlsbad  Name (please print) MIKE PIPPIN  Title PETROLEUM ENGINEER	33. Circle	e enclosed att	tachments:				<del></del>	- ·-·								
Electronic Submission #373607 Verified by the BLM Well Information System. For LIME ROCK RESOURCES II-A,L.P., sent to the Carlsbad  Name (please print) MIKE PIPPIN  Title PETROLEUM ENGINEER											•					
Name (please print) MIKE PIPPIN  Title PETROLEUM ENGINEER	34. I here	eby certify tha	at the foreg		ronic Subm	ission #37.	3607 Verifi	ied by the B	LM We	ll Informa	tion Sy		ed instructio	ns):		
	Name	e(please prin	t) MIKE P	PIPPIN	I OI LIMI		LISTORC					INEER				
										Date 04/21/2017						
	0.6110		(2.00.0						<u></u>							