Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No.

la. Type of										i	IN	MLC02878	טדט		
	Well 🛛	Oil Well	_		□ Dry	□ Ot					6. If	ndian, Allo	ottee or	r Tribe Name	
b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr. Other											7. Unit or CA Agreement Name and No. NMNM88525X				
2. Name of COG O	Operator PERATING	LLC	F	-Mail: c			ASITY JACI	KSON				ase Name a URCH KE			
3. Address 550 WEST TEXAS AVENUE SUITE 100 3a. Phone No. (include area code)											9. API Well No.				
MIDLAND, TX: 79701 Ph: 432-686-3087 4. Location of Well (Report location clearly and in accordance with Federal requirements)*											30-015-39523-00-S1 10. Field and Pool, or Exploratory				
			-	na m acc	ordanice	with i cuc	, ar requiremen	1113)			В	URCH KE	ELY-C	SLORIETÁ-UPPE	
At top prod interval reported below NENIW 330ENII 1650EW											11. Sec., T., R., M, or Block and Survey or Area Sec 18 T17S R30E Mer NMP				
At top prod interval reported below NENW 330FNL 1650FWL											12 County or Parish 13 State NM				
At total depth NENW 330FNL 1650FWL 14. Date Spudded 15. Date T.D. Reached 16. Date Completed											17. Elevations (DF, KB, RT, GL)*				
02/27/2				3/04/201			l⊓D	& A /22/2012	Ready to P	rod.		362	1 GL	.,, 02/	
				4655 19. Plug Bac 4655			.D MD TVE	00 00	•	Depth Bridge Plug Set: MD TVD					
COMPE	lectric & Othe ENSATEDNI	EUT HNO	GSMCFL F	INGS		of each)			22. Was v Was I Direct	vell cored OST run? tional Sur	ſ	No INO	T Yes	s (Submit analysis) s (Submit analysis) s (Submit analysis)	
. Casing ar	nd Liner Reco	rd <i>(Repo</i>	ort all string			Pottom	Stage Com-	tor No	f Clan 0-	Ç1	Vol			<u> </u>	
Hole Size	e Size Size/Grade		Wt. (#/ft.)	To _l (MI		Bottom (MD)	Stage Cemen Depth		f Sks. & f Cement	Slurry (BB		I ('ement'i		Γop* Amount Pulled	
17.500	7.500 13.375 H-40		48.0		0	351			400			0			
11.000			24.0			1143				500		0			
7.875 5.50		00 J-55	5 17.0		0 465		<u> </u>		90				0		
24. Tubing	Record .			<u></u>	l					į					
	Depth Set (M	D) Pa	acker Depth	(MD)	Size	Deptl	n Set (MD)	Packer Dep	th (MD)	Size	De	pth Set (MI	D)	Packer Depth (MI	
2.875	ng Intervals	575				136	Perforation R	2224							
5. Producii	ng intervals					1 20.									
			Ton	$\overline{}$	Bottor	n		· · · · · · · · · · · · · · · · · · ·		Size	IN	In Holes	I	Perf Status	
Fo	ormation PADD	оск	Тор	4300	Bottor 4	n 500		ed Interval	O 4500	Size 0.3		lo. Holes	OPE	Perf. Status N, Paddock	
Fo () (3)	ormation	оск	Тор	4300				ed Interval	O 4500			26		N, Paddock	
Fo (A) (B) (C)	ormation	оск	Тор	4300				ed Interval	O 4500			26	ote	N, Paddock	
Fo. (3) (3) (5) (5) (5) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6	ormation							ed Interval	O 4500			26	ote	N, Paddock	
Fo A) B) C) D) 27 Acid, Fr	PADD racture, Treati	nent, Cer	nent Squeez	e, Etc.	4	500	Perforat	ed Interval		0.3		26	ote	N, Paddock	
Fo A) B) C) D) 27 Acid, Fr	PADD racture, Treature Depth Interva	nent, Cer I 00 TO 45	nent Squeez	e, Etc.	00 GALS	500 15% ACIE	Perforat	ed Interval 4300 To	Type of M	0.34		26	ote	N, Paddock	
Fo A) B) C) D) 7 Acid, Fr	PADD racture, Treature Depth Interva	nent, Cer I 00 TO 45	nent Squeez	e, Etc.	00 GALS	500 15% ACIE	Perforat	ed Interval 4300 To	Type of M	0.34		26	ote	N, Paddock	
Fo A) B) C) D) 7 Acid, Fr	PADD racture, Treati Depth Interva 436	ment, Cer I 00 TO 45	nent Squeez	e, Etc.	00 GALS	500 15% ACIE	Perforat	ed Interval 4300 To	Type of M	0.34		26	ote	N, Paddock	
Fo A) B) C) D) 27 Acid, Fr 1	PADD racture, Treati Depth Interval	ment, Cer I D00 TO 45 A	nent Squeez 500 ACIDIZ 500 FRAC V	E W/2,000 W/99,978	00 GALS	15% ACIE	Perforat	Amount and	Type of M	0.34	40	ACCE REC DUE	ote	N, Paddock	
Fo A) B) C) D) T Acid, Fr 1 28. Production the First beduced	PADD racture, Treati Depth Interval 436 436 ion - Interval Test Date	nent, Cer I DO TO 45 DO TO 45 A	nent Squeez	E W/2,00 W/99,978	00 GALS GALS GALS GALS G	15% ACID	Perforat D. O9# 16/30 BRO Water On Co	Amount and	Type of M 15,660# 16/	0.3d	40	ACCE REC DUE	ole NA	N, Paddock Of for reco MOCD 16 MATION 22272	
Fo N) N) N) N N N N N N N N N	PADD Facture, Treate Depth Interval 436 436 ion - Interval Test Date 04/02/2012	ment, Cer 1 00 TO 45 00 TO 45 A Hours Tested 24	ment Squeez 500 ACIDIZ 500 FRAC V	E W/2,000 W/99,978	Gas MCF	15% ACID EL, 111,8	Perforat 0. 09# 16/30 BRC Water Cc 251 0	Amount and DWN SAND,	Type of M 15,660# 16/	0.3d laterial 30 CRC	40	ACCE REC DUE	ole NA	N, Paddock	
Fox (A) (B) (B) (B) (B) (B) (B) (B) (B) (B) (B	PADD racture, Treati Depth Interval 43i 43i ion - Interval Test Date 04/02/2012 Tbg Press Flwg	ment, Cer I 00 TO 45 00 TO 45 A Hours Tested 24 Csg Press	ment Squeez 500 ACIDIZ 500 FRAC	E W/2,000 W/99,978	00 GALS GALS GALS GALS G	15% ACIDEL, 111,8	Perforat 0. 09# 16/30 BRC Water Or CC 251 0 Vater Gabl Ra	Amount and OWN SAND, I Gravity orr API 38.6	Gas Gravity Well St	0.34 Internal 30 CRC	40	ACCE REC DUE	ole NA	N, Paddock Of for reco MOCD 16 MATION 22272	
Fo A) B) C) D) F7 Acid, Fr I 1 E8. Productive First oduced 14/02/2012	PADD racture, Treati Depth Interval 43i 43i ion - Interval Test Date 04/02/2012 Tbg Press	ment, Cer I DO TO 45 DO TO 45 A Hours Tested 24 Csg Press 70 0	ment Squeez 500 ACIDIZ 500 FRAC V Test Production 24 Hr	E W/2,00 W/99,978	00 GALS GALS GALS G	15% ACID	Perforat 0. 09# 16/30 BRC Water Cc 251 0 Vater Gi	Amount and DWN SAND, I Gravity orr API 38.6	Gas Gravity Well St	0.3d Internal 30 CRC	40	ACCE REC DUE	ole NA	N, Paddock Of for reco MOCD 16 MATION 22272	
Fo A) B) C) D) P7 Acid, Fr I R8. Productive First oduced obt/02/2012 ooke re R8a. Productive First oduced obt/02/2012 ooke re	PADD racture, Treati Depth Interval 43i 43i ion - Interval Test Date 04/02/2012 Tbg Press Flwg SI	ment, Cer I DO TO 45 DO TO 45 A Hours Tested 24 Csg Press 70 0	ment Squeez 500 ACIDIZ 500 FRAC V Test Production 24 Hr	E W/2,000 W/99,978	00 GALS GALS GALS G	15% ACIDEL, 111,8	Perforat 0. 0. 09# 16/30 BRC 251 0 Vater Garage 251 Vater Garage 251 Vater Garage 251	Amount and OWN SAND, I Gravity orr API 38.6	Gas Gravity Well St	0.34 Material 30 CRC	Producti	ACCE REC DUE	DIE NI	N, Paddock Of for reco MOCD 16 MATION 22272	
Fo A) B) C) D) 27 Acid, Fr I 28. Productivate First roduced 04/02/2012 hoke ze	PADD racture, Treati Depth Interval 43i 43i ion - Interval Test Date 04/02/2012 Tbg Press Flwg S1 tion - Interval	ment, Cer I DO TO 45 DO TO 45 Tested 24 Csg Press 70 0 TB	Test Production 24 Hr Rate Test	Dil BBL 43 COIL	Gas MCI	15% ACIC EL, 111,8	Perforat Output Vater Output BBL Cc Vater Ga BBL Ra 251 Vater Ga BBL Cc Vater Ga Vater Ga	Amount and DWN SAND, I Gravity orr API 38.6 as Oil tito 349	Gas Gravity Well St	0.34 Internal 30 CRC	Producti	REC DUE	Die NA	MATION	

28b. Prod	uction - Interv	al C											
Date First Produced	Test Date			Oil BBL	Gas MCF	Water Oil Gravity BBL Corr API		Gas Gravit	ty	Production Method			
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well S	Status				
28c. Produ	uction - Interv	al D					L						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravit	ty	Production Method			
Choke Size	Tbg Press Csg 24 Hr Press Rate SI			Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well 5	Well Status				
SOLE			•	,									
Show tests,	nary of Porous all important including dept ecoveries.	zones of po	prosity and c	ontents there	eof: Cored 1 e tool open,	ntervals and flowing and	all drill-stem d shut-in pressure	es	31. For	mation (Log) Mari	kers		
	Formation Top			Bottom Descriptions, Co			ons, Contents, etc	i.		Name	. ,	Top Meas. Depth	
RUSTLER YATES QUEEN SAN ANDRES GLORIETA YESO			288 1134 2027 2718 4169 4265		SAI SAI DO SAI	LOMITE & NDSTONE	& DOLOMITE LIMESTONE	,	RUSTLER YATES QUEEN SAN ANDRES GLORIETA YESO			288 1134 2027 2718 4169 4265	
)						•	·					
32 Addit	tional remarks will be maile	(include p	lugging proc	edure):									
Logo	Will be mane	.			•								
					•								
1. Ele	e enclosed atta ectrical/Mecha indry Notice fo	anical Logs	•	• '		2. Geologic Report 3 DS 6. Core Analysis 7 Ott				OST Report 4. Directional Survey ther:			
34. I here	by certify that		Electi	onic Subm Fo	ission #137 r COG OPI	102 Verifie ERATING	orrect as determined by the BLM W LLC, sent to the RT SIMMONS o	Vell Inforr e Carlsbac	nation Sy d		ched instructi	ions):	
Name	(please print)	CHASIT	Y JACKSOI	N .			Title P	REPARE	R				
Signa	Signature (Electronic Submission)						Date <u>0</u>	Date 05/02/2012					
Tale 10 I	I.C. Castion	1001 and	THO 42 TT 9	C Section	1212 malca	it a orima f	and margan land	uningly as	1:11 č. 11	to make to any d			

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.