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

WELL COMPLETION	OR RECOMPLETION	REPORT	AND LOG

	WELL C	OMPL	ETION O	RRE	COMP	LETIC)N RE	PORT	AND L	OG			æase Serial NMLC0544		
Ia. Type of	Well 🛮	Oil Well	☐ Gas V	Vell	Dry	00						6. 1	f Indian, Al	ottee or	Tribe Name
b. Type of	Completion		lew Well er	□ Wo	ork Over	□ De	eepen	□ Plu	g Back	□ Diff	. Resvr	7. 1	Jnit or CA / NMNM885	Agreeme 25X	ent Name and No.
2. Name of COG O	Operator PERATING	LLC	E	-Mail: I	Co kcarrillo@			CARRII ces.com					æase Name BURCH KE		
3 Address	550 WES MIDLAND		S AVENUE S 701	UITE	1300			Phone N 432-68	lo. (include 35-4332	area co	de)	9. 7	API Well No		5-39126-00-S1
4. Location	of Well (Rep	ort locati	ion clearly an 29E Mer NA	d in ac	cordance	with Fed	eral requ	uirement	s)*			10.	Field and P	ool, or	Exploratory
At surfa		Lot K 2	458FSL 246	4FWL								11.	Sec., T., R.	, M , or	Block and Survey
At top p	rod interval r Sec	eported b	elow S R29E Mer	NMP									or Area Se		17S R29E Mer NM
	depth SEN	W Lot F	2310FNL 2	630FV				14 5					EDDY		NM
14 Date Sp 07/08/2	011			ite T.D /16/20	. Reached			D D &	e Complete 2 A 09/2011	ed Ready t	o Prod.	17.		(DF, KI 11 GL	3, RT, GL)*
18. Total D	epth:	MD TVD	4838 4794		19. Plu	g Back T	`D	MD TVD	47 47		20.	Depth B	ridge Plug S	,	MD TVD
21. Type E 3611 G		er Mecha	inical Logs R	un (Sut	omit copy	of each)				W	as well co as DST ri rectional	ın?	No No No	∺ Yes	(Submit analysis) (Submit analysis) (Submit analysis)
23. Casing ar	nd Liner Reco	ord (Repo	ort all strings				T _a								
Hole Size	Size/Gi	rade	Wt. (#/ft.)	To (M		Bottom (MD)	-	Cemente epth		f Sks & of Cemer		rry Vol. BBL)	Cement	Top*	Amount Pulled
17.500	<u> </u>	75 H-40			0	307	1			4	100			0	·
11.000 7 875		325 J-55 500 J-55	24.0 17.0		0	982 4828					500		 	0	
7 875	5.5	000 J- 55	17.0		0	4620	1			,	900				
24. Tubing	Record			Ì			<u> </u>					<u> </u>			
	Depth Set (M	1D) P	acker Depth	(MD)	Size	Dept	h Set (N	4D)	Packer Dep	oth (MD) Siz	e D	Depth Set (M	ID)	Packer Depth (MD)
2.875		4652			Ì										
25 Produci	ng Intervals ormation	- 1	Тор	T	Bottor			ation Rec	ord I Interval		Sız		No. Holes	Т	Perf. Status
A)	PADD	оск	ТОР	4180		480		erroratet	4180 T	O 4480		0.410		OPE	N, Paddock
B)	BLINE	BRY		4550	4	750		-	4450 T	O 4750		0.410	26	OPE	N, Blinebry
C)			·· · · · · · · · · · · · · · · · · · ·	\dashv										<u> </u>	
D) 27. Acid, Fr	acture, Treat	ment, Ce	ment Squeeze	e, Etc.			•						DEC	<u> </u>	
	Depth Interva					1		Д	mount and	i Type o	f Materia	1	REC	LA.	MATION
			480 ACIDIZE 480 FRAC W					16/30 BB	OWN SAN	D 32 10	1# 16/30	SIBERPI	DUE		-9-12
			750 ACIDIZE					10/00 DI	- CAN	D, 02,10	1# 10/50	OIDE! (I I			
20 0			750 FRAC W	/ / 115,0	000 GALS	GEL, 146	6,254# 1	6/30 BRC	OWN SAND	, 35,255	# 16/30 S	IBERPR	OP		
28. Product Date First	ion - Interval	Hours	Test	Oil	Gas		Water	Toil C	Gravity	Ga	<u> </u>	Produ	ction Method		
Produced 08/10/2011	Date 08/13/2011	Tested 24	Production	BBL 71.	MCF	10.0	BBL 480.0	Corr	API [*] 38 9		avity			RIC PU	MPING LINIT
Choke	Tbg. Press	Csg	24 Hr	Oil	Gas		Water	Gas	Oil ·	- W	ili/Status (F1) F(m	MEING UNIT
Size	Flwg 70 SI	Press 70.0	Rate	BBL 71	MCF	10	ввL 480	Ratio)		POW				1200110
	tion - Interva														
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	F	EC	EN	/ED	GG	avity	Produ	SEPMenfod 7	201	
Choke Size	Tbg Piess Flwg SI	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF		we EP	2 Past	2011	W	ell Status RI	PEAIL	OF LAND	A IA A MA	GEMENT
(See Instruct		ces for ac	lditional data	on rev	erse side	NIN	OCI) AR	TESIA		()		SBAD FIE		
ELECTRO	NIC SUBMI:	551UN #	117296 VER VISED **	JETED	BYTH	BBN-	4-151 5159	NHUK!	1-A-1-4-1-N>	PASTED.	1 VEVISE				

Date First Produced Date Choke Size Flwg S1 28c. Production - In Date First Produced Date Choke Size Flwg S1 29. Disposition of CAPTURED 30. Summary of Poston Show all importests, including and recoveries Formatic YATES SAN ANDRES GLORIETA YESO	Press Interval D Hours Tested Csg Press Gas(Sold, use Prous Zones (tant zones of depth interval	nclude Aquife	Oil BBL Oil BBL Oil BBL oil BBL oil BBL ontents there	tool open,	Description	shut-in pressures	Gas Gravity Well State Gas Gravity Well State	Production Method	Top Meas. Dep
Choke Size Flwg S1 28c. Production - In Date First Date Produced Date Choke Size Flwg S1 29. Disposition of CAPTURED 30. Summary of Position of Captures, including and recoveries Formatic YATES SAN ANDRES GLORIETA	Csg Press Interval D Hours Tested Csg Press Gas(Sold, use Prous Zones (tant zones of depth interval	Test Production 24 Hi Rate 24 Hi Rate 24 Hi Rate d for fuel, vent nclude Aquifer porosity and coll tested, cushion Top 996 2626 4074	Oil BBL Oil BBL ed, etc.) rs): ontents there on used, time	Gas MCF Gas MCF 	Water BBL Water BBL Water BBL Description	Gas Oil Ratio Oil Gravity Corr API Gas Oil Ratio all drill-stem shut-in pressures	Gas Gravity Well State	Production Method us B1. Formation (Log) Markers	Meas. Dep
28c. Production - In Date First Produced Choke Size Tbg Pres Flwg S1 29. Disposition of CAPTURED 30. Summary of Po Show all importests, including and recoveries Formatic YATES SAN ANDRES GLORIETA	Press Interval D Hours Tested Csg Press Gas(Sold, use Prous Zones (tant zones of depth interval	Test Production 24 Hi Rate d for fuel, vent nclude Aquifer porosity and coll tested, cushion Top 996 2626 4074	Oil BBL Oil BBL ed, etc.) rs): ontents there on used, time	Gas MCF Gas MCF Gof: Cored in tool open,	Water BBL Water BBL Mater BBL Description	Oil Gravity Corr API Gas Oil Ratio all drill-stem shut-in pressures	Gas Gravity Well Statu	Production Method us B1. Formation (Log) Markers	Meas. Dep
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29. Disposition of CAPTURED 30. Summary of Position of CAPTURED 30. Summary of Position of Position of CAPTURED Show all importests, including and recoveries Formation YATES SAN ANDRES GLORIETA	Gas(Sold, use orous Zones (tant zones of depth interva	Rate d for fuel, vent nclude Aquifer porosity and could tested, cushic Top 996 2626 4074	ed, etc.) rs): contents there on used, time	of: Cored in tool open,	ntervals and flowing and Description	all drill-stem shut-in pressures		31. Formation (Log) Markers	Meas. Dep
29. Disposition of CAPTURED 30. Summary of Position Show all importests, including and recoveries Formation YATES SAN ANDRES GLORIETA	Gas(Sold, use prous Zones (tant zones of depth interval	d for fuel, vent nclude Aquifer porosity and co il tested, cushio Top	ed, etc.) rs): contents there on used, time	of: Cored III	ntervals and flowing and Description	all drill-stem shut-in pressures as, Contents, etc.	3	· · · · · · · · · · · · · · · · · · ·	Meas. Dep
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30. Summary of Po	tant zones of depth interval	Top 996 2626 4074	ontents there on used, time	tool open,	Description	shut-in pressures	3	· · · · · · · · · · · · · · · · · · ·	Meas. Dep
Show all importests, including and recoveries Formation YATES SAN ANDRES GLORIETA	tant zones of depth interval	Top 996 2626 4074	ontents there on used, time	tool open,	Description	shut-in pressures		· · · · · · · · · · · · · · · · · · ·	Meas. Dep
tests, including and recoveries Formation YATES BAN ANDRES GLORIETA	depth interv	Top 996 2626 4074	on used, time	tool open,	Description	shut-in pressures		Name	Meas. Dep
Formatic YATES SAN ANDRES GLORIETA		Top 996 2626 4074	<u> </u>	DOI	Description	ns, Contents, etc.		Name	Meas. Dep
YATES SAN ANDRES GLORIETA	on	996 2626 4074	Bottom	I SAI	LOMITE & S			Name	Meas. Dep
YATES SAN ANDRES GLORIETA	o n	996 2626 4074	Bottom	I SAI	LOMITE & S			Name	Meas. Dep
SAN ANDRES GLORIETA		2626 4074		I SAI					
GLORIETA		4074			LID.	SAND	.	TOP SALT	641
						ANHYDRITE		YATES QUEEN	996 2626
				SAI	ND & DOLC	MITE		SAN ANDRES	4074
								GLORIETA	4143
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32 Additional rem		plugging proc	edure):	<u> </u>				· · · · · · · · · · · · · · · · · · ·	
Logs will be m	nailed.								
							·		
33. Circle enclosed	attachments	:							
 Electrical/M 	fechanical Lo	gs (1 full set re	eq'd)		2. Geologic	Report	3. D	ST Report 4 Direct	ctional Survey
Sundry Note	ice for pluggi	ng and cement	verification		Core Ana	lysis	7 Ot	ther:	
<u> </u>									
34. Thereby certify	that the fore				=			vailable records (see attached instr	uctions):
		Electr	onic Submis	ssion #1172 COG OPF	296 Verified	by the BLM Wel LC, sent to the C	l Informat	tion System.	
		Committed	to AFMSS f	or processi	ing by KUR	T SIMMONS on	09/14/2011	I (11KMS2547SE)	
. Name(please p	orint) KANIC	IA CARRILLO)			Title PRI	EPARER,		
								a tal 1 to ma	,
Signature	(Electro	onic Submissi	ion)			Date 09/	12/2011		
	(=:=30)								