* Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

AUG 1 8 2011

HOBBS OCD

OCD- Hobbs

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

	WELL	COMPL	LETION	את אבי	COMP	LETIC	IN REPU	'K I	AND L	.UG			ease Seriai No NMLC029405			
la. Type o	of Well	Oil Well	Gas Well Dry Other					RECEIVED				6. If Indian, Allottee or Tribe Name				
b. Type o	of Completion	22	lew Well er	□ Worl	k Over	□ De	epen	Plug	Back	□ Diff.	Resvr	7. C	nit or CA Agr	eement l	Vame and N	vo.
2. Name o	f Operator OPERATING	G LLC	E	E-Mail: cj			ASITY JAC						ease Name and		0.	
3 Address 550 WEST TEXAS AVENUE SUITE 1300 3a. Phone No. (include area code) 9 API Well No												0.005.4	005 40005 00 04			
4. Location		•		nd in acco	ordance v	vith Fede						10.	ى Field and Pool		0005-00-S	5 1
At surface SWSE 330ESL 2310EEL																
	prod interval			SE Lot C	330FS	L 2310F	EL					C	Sec., T., R., Mor Area Sec 1	9 T17S	R32E Me	vey r NM
At total depth SWSE Lot O 330FSL 2310FEL												County or Pari EA	sh	13. State NM		
14. Date S 05/22/2				5. Date T.D. Reached 16. Date Completed 16. Da						ed Ready to	Prod.	17.	Elevations (DF 3922		Γ, GL)*	
18. Total I	Depth.	7041 7041								20. Dep	Depth Bridge Plug Set: MD TVD					
	Electric & Ot ENSATEDI		nical Logs R	lun (Subn	nit copy o	of each)				Was	well cored DST run? ctional Sur	? vev?	No ∃	Yes (Su	bmit analys bmit analys bmit analys	sis)
23. Casing a	ınd Liner Red	cord (Repo	ort all string.	s set in w	ell)								<u> </u>	105 (54		
Hole Size	Hole Size Size/Grade		Wt (#/ft)		Top Bot (MD)		Stage Ceme Depth	enter	No. of Sks. & Type of Cement		Slurry Vol. (BBL)		l. Cement Top*		Amount Pul	lled
	17.500 13.375 H-40		48.0		0 74		745		650		0			0		
11.000	+	625 J-55	32.0		0	2115					950			0		
7.875	5.	500 L-80	17 0	 	0	7036		\dashv		115	<u> </u>			0		
	†		-			-					+		<u> </u>			
_								\neg								
24. Tubing		72. 1 2														
Size 2 875	Depth Set (N	MD) P: 6452	acker Depth	(MD)	Sıze	Depth	Set (MD)	Pa	acker Dep	oth (MD)	Size	De	pth Set (MD)	Pack	er Depth (l	MD)
	ing Intervals	0402				26.	Perforation I	Reco	rd	_	<u></u>	Ļ_		<u> </u>		,
F	ormation	T	Тор	Тор Во			Perfora	forated Interval			Size	1	No. Holes	Pe	rf Status	
A)	PADI	оск		5260	54	5430		5260 TO 5		O 5430	30 0.00		26 OPEN, Paddo		addock	
B) .	. BLIN	EBRY		6540		6740		5760 TO 598			0.000				-	_ <u>-</u> _
D) ·	C)						6180 TO 6						26 OPEN, Middle Blin 26 OPEN, Lower Bline			
•	racture, Trea	tment, Cer	nent Squeez	e, Etc.					6470 10	0 6670	0,00	0	26[0	PEN, LO	wer Bline	bry
	Depth Interv	al	T					An	nount and	Type of N	/laterial					
			130 ACIDIZE								_					
<u> </u>							11# 16/30 W	/HITE	SAND, 2	21,619 16/3	0 SIBERPI	ROP				
			980 ACIDIZE				51# 16/30 W	/HITE	SAND	06 060# 16	20 SIREDE	POP				
28. Product	ion - Interval		700 1 1 1 1 0 0 1	17120,072	GALO GI		10/00 44		SAND, 2	10,802# 10	30 SIBERI	NOF.	·			
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF			Oil Grav Corr A		Gas		roducti	on Method			
07/24/2011	07/25/2011	24		86 0	20		358.0	JOH A	36.0	Gravit	, I		ELECTRIC	PUMPIN	G UNIT	
Choke Size	Tbg Press Flwg	Csg Press	24 Hr	Oil	Gas			Gas Oil		Well S	tatus					$\overline{}$
3120	SI	70.0	Rate	BBL 86	MCF 2		358 R	Ratio			POW NO	'n	ern en	ם DI	מחח:	n
28a. Produc	tion - Interva	al B								I	1100		ILU FU	1/ :/1		!/
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	W BI		Oil Grav Corr Al		Gas Gravit		roducti	on Method			\dashv
Choke	Tbg Press	Csg	24 Hr	Oil	Gas	- W	ater G	Gas Oil		Well S	tatus		AUG 7	2011		\rightarrow
Size	Flwg SI	Press	Rate	BBL	MCF	BI		latio				A	Rn	b		
See Instruct	ions and spar	ces for add SSION #1	litional data 14349 VED	on rever.	se side) Y·THF I	RLM W	ELL INFO	RM A	TION C	VSTEM	611	DEMI	J OF LAND	ΜΔΝΔΩ	FMFNT	\neg
	** Bl	M REV	ISED **	BLM R	EVISE	D ** B	LM REVI	ISE	D ** B	MRE	SED.	BL	MSBEVISE	D) ttFF	ICE	

PETROLEUM ENGINEEM

AUG 2 2 2011

Date First Test Hours Tested Production BBL MCF BBL Corr API Gas Gravity Production Method	28b. Proc	luction - Inter	val C												
Cole See Dig Proc See Size Dig Cole See Size Dig Cole See Size Dig Cole See Size Dig Cole See Size Dig				Test	Oil	Gas	Water	Oil Gravity		Gas	Production Method				
See Prof. Prof. Rate Dec.	Produced	Date	Tested	Production	BBL	MCF	BBL	Corr API	ľ	Gravity		·			
Disc Data		Flwg								Well Status					
December	28c. Prod	luction - Inter	val D		<u> </u>			<u> </u>							
Size Park											Production Method	,			
29. Dispension of Gas/Sold, used for fact, venied, etc.] 30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and concents thereof: Cored merculas and all drill-stem tests, including depth interval tested, essibility of the concents the etc.] Formation Top Bettom Descriptions, Contents, etc. Name Top Mess Dapth YATES SAN ANDRES 3759 SAN ANDRES 3759 SAN ANDRES 3750 SAND SAND TUBB 3750 SAND TUBB TUBB TUBB TUBB TUBB TUBB TUBB TUB		Flwg							,	Well Status	L				
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 shur-in pressures and recoverios. Formation Top Bottom Descriptions, Contents, etc. Name Top Meas Depth Meas Depth Meas Depth Meas Depth Meas Depth Top SAN ANDRES 3750 SAN ANDRES 3760 SAN ANDRES SAN ANDRES 3760 SAN ANDRES SAN ANDRES SAN ANDRES SAN AND		osition of Gas	(Sold, used	for fuel, ven	ted, etc.)										
Show all important zones of portoity and contents thereof: Coxel intervals and all drill sconsess including depth interval tested, cushion used, time tool open, flowing and shut in pressures and recoveries. Formation			s Zones (In	clude Aquife	rc).					I 31 For	mation (Log) Mark	erc			
Pormation Top Bottom Descriptions, Contents, etc. Name Meas Depth Act Name 1985 ANA MORES 3750 A	Show tests,	all important including dep	zones of p	orosity and c	ontents ther	eof: Cored ne tool open	intervals and	d all drill-stem d shut-in press	ures						
SAN ANDRES GLORIETTA 5198 5256 5198 5256 5198 5256 5198 5256 5198 5256 5256 5256 5256 5256 5256 5256 525		Formation		Тор	Bottom		Descripto	ons, Contents,	etc.		Name		Top Meas Depth		
32. Additional remarks (include plugging procedure): 44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. CONTINUED 6180-6380 ACIDIZE W3,795 GALS 15% ACID. 6180-6380 FRAC W125,068 GALS 6EL, 144,380# 16/30 WHITE SAND, 28,927# 16/30 SIBERPROP. 6470-6670 ACIDIZE W/3,558 GALS 15% ACID. 6470-6670 ACIDIZE W/3,558 GALS 15% ACID. 6470-6670 FRAC W/120,550 GALS GEL, 148,154# 16/30 WHITE SAND, 29,307# 16/30 SIBERPROP. 33 Circle enclosed attachments. 1 Electrical/Mechanical Logs (1 full set req'd) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement venfication 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#114349 Verified by the BLM Well Information System. For COG OPERATING LLC, sent to the Hobbs Committed to AFMS for processing by DEBORAH MCKINNEY on 08/03/2011 (11DLM0650SE) Name(please print) CHASITY JACKSON Title Signature (Electronic Submission) Date 08/02/2011	SAN AND GLORIET YESO			3750 5198 5256		SA DC DC	ND DLOMITE & DLOMITE &	SAND	<u> </u>	TUBB			3750		
6180-6380 ACIDIZE W/3,795 GALS 15% ACID. 6180-6380 FRAC W/125,068 GALS GEL, 144,380# 16/30 WHITE SAND, 28,927# 16/30 SIBERPROP. 6470-6670 ACIDIZE W/3,558 GALS 15% ACID. 6470-6670 FRAC W/120,550 GALS GEL, 148,154# 16/30 WHITE SAND, 29,307# 16/30 SIBERPROP. 33 Circle enclosed attachments. 1 Electrical/Mechanical Logs (1 full set req'd) 2. Geologic Report 3. DST Report 4. Directional Survey 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 #114349 Verified by the BLM Well Information System. For COG OPERATING LLC, sent to the Hobbs Committed to AFMSS for processing by DEBORAH MCKINNEY on 08/03/2011 (11DLM0650SE) Name (please print) CHASITY JACKSON Title PREPARER Signature (Electronic Submission) Date 08/02/2011							5 ETC 000	, NITINII ED							
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Electronic Submission #114349 Verified by the BLM Well Information System. For COG OPERATING LLC, sent to the Hobbs Committed to AFMSS for processing by DEBORAH MCKINNEY on 08/03/2011 (11DLM0650SE) Name(please print) CHASITY JACKSON Title PREPARER Signature (Electronic Submission) Date 08/02/2011 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.	1 Ele	ectrical/Mech	anical Logs		•		_	•		_	oort	4. Direction	nal Survey		
Name (please print) CHASITY JACKSON Title PREPARER Signature (Electronic Submission) Date 08/02/2011 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.	34. I here	by certify tha	t the forego		onic Submi	ssion #114	349 Verifie	d by the BLM	Well Inf	ormation Sys	_	ed instruction	ons):		
Signature (Electronic Submission) Date 08/02/2011 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.	No	(nlogge = ==i) -			FMSS for p			AH MCKINN	EY on 0	8/03/2011 (11	IDLM0650SE)				
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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 first trous or fradulent statements or representations as to any matter with the contraction of the United States any false first trous or fradulent statements or representations as to any matter with the contraction of the United States any false first trous or fradulent statements or representations as to any matter with the contraction of the United States any false first trous or fradulent statements or representations as to any matter with the contraction of the United States any false first trous or fradulent statements or representations as to any matter with the contraction of the United States any false first trous or fradulent statements or representations as to any matter with the contraction of the United States any false first trous or fradulent statements or representations as to any matter with the contraction of the United States any false first trous or fradulent statements or representations as the contraction of the United States and the Contraction of the United Sta	Signa	ture	(Electron	ic Submissi	on)			Date	Date 08/02/2011						
	Title 18 U	S.C. Section	1001 and	Title 43 U.S.	C. Section 1	212, make	it a crime fo	r any person kr	nowingly	and willfully	to make to any dep	artment or a	gency		