Form 3160-4 (August 2007)

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

JUN 2 2 2011

HOBBS OCD

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG											NMLC029509A					
·			_		D k Ove	. –	Other RECEIVED  Deepen Plug Back Diff. Resvr.					6. If Indian, Allottee or Tribe Name				
b Type of	Completion	Other									7 Unit or CA Agreement Name and No.					
2 Name of Operator Contact. NETHA AARON COG OPERATING LLC E-Mail oaaron@conchoresources com											Lease Name and Well No     MC FEDERAL 54					
3 Address 550 WEST TEXAS SUITE 100										e) 	9 API Well No 30-025-39427					
4. Location of Well (Report location clearly and in accordance with Federal requirements)*												10. Field and Pool, or Exploratory MALJAMAR, YESO, WEST				
At surface Lot F 1650FNL 1650FWL 32.822738 N Lat, 103.774157 W Lon										11 Sec., T., R., M, or Block and Survey or Area Sec 21 T17S R32E Mer						
At top prod interval reported below Lot F 1650FNL 1650FWL 32 822738 N Lat, 103.774157 W Lon										12 County or Parish 13. State NM						
At total depth										17. Elevations (DF, KB, RT, GL)* 4056 GL						
05/05/2011   18 Total Depth. MD 7045   19 Plug Back T D : MD 6985   20 Depth Bridge Plug Set. MD									MD TVD							
21 Type F	TVD 7045 TVD 6985 TVD  21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  22. Was well cored? No Yes (Submit analysis)															
COMP	ENSATEDN	EUT	mear Logs K	un (Suoi		py or each	,			Was	DST run? ectional Su	•	<b>⊠</b> No	Ħ Ye:	s (Submit analysis) s (Submit analysis)	
23. Casing ar	nd Liner Reco	ord (Repo	rt all strings	set in w	ell)								r		T	
Hole Size	ze Sıze/Grade		Wt (#/ft.)	ft.) Top (MD)		Bottom (MD)	_	Cemente Depth		No of Sks. & Type of Cement		Vol IL)	Cement Top*		Amount Pulled	
17.500	0 13.375 H40		48 0	80 0		-			120				0			
11.000	00 8.625 J55			32.0		2103			<del></del>	600		0				
7,875	7 875 5 500 L80		17.0	<u> </u>		7039			130		001			0		
	<del> </del>			_			-		+							
				<del> </del>			+		<del> </del>		<del></del>				<del></del>	
24 Tubing	Record			L					<u> </u>				·			
<del></del>			acker Depth	er Depth (MD) S			pth Set (	MD)	) Packer Depth (MD)			Depth Set (MD) Packer Depth			Packer Depth (MD)	
2 875		6683									<u> </u>			$\perp \perp$		
25. Produci	ng Intervals					2	6. Perfor	ation Re	cord							
Fo	ormation		Тор	Top B		ottom		Perforate	d Interval		Sıze				Perf. Status	
A)	PADD			5474		5625				O 5625	10					
B)				6040		6240			6040 T	1 000		26 OPEN		···		
<u>C)</u>																
D)	racture, Treat		ment Squeez	6580		6780			0360 1	0 6760]	10	001		OFE	111	
	Depth Interva		Tom Bqueez	, 15.0.					Amount an	d Type of	Material				<del> </del>	
			625 ACIDIZ	ED W/30	00 G/	ALS 15% F	CL									
			625 FRAC V					6/30 WH	ITE SAND,	11,637# 1	6/30 SIBEI	RPROF	•			
			240 ACIDIZ													
			240 FRAC V	V/116,45	3 GAI	LS GEL, 14	6,242# 1	6/30 WH	ITE SAND,	30,274# 1	6/30 SIBEI	RPROF				
	ion - Interval		I	Ia.		^	1	lai	<b>a</b> .	I a		In				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL		Gas MCF	Water BBL		Gravity r API	Gas Grav	ity	Product	ion Method			
05/12/2011	05/14/2011	24		99 0		165 0	202.		39 8		0 60		ELECTF	RIC PU	MPING UNIT	
Choke Tbg Press Csg Flwg 70 Press S1 70			24 Hr Rate			Gas MCF	Water BBL	Gas Rati	Oil io	Well	Well Status POW					
28a Produc	tion - Interva															
Date First Produced	ate First Test Hours		Test Production			Gas Water MCF BBL		Oil Gravity Corr API		Gas Grav	Gas Gravity		Production Method			
Choke Size	Tbg Press Flwg	Csg Press.	24 Hr Rate	Oıl BBL		Gas MCF	Water BBL	Gas Rati	Oil 10	Well	Status	<u> </u>	// -			

	uction - Interv	·	-12	la.		Inc.	lore :	Ic.		Destroy Mathed					
Date First Produced	Test Date	Hours Tested	Production	Oil Gas BBL MCF		Water BBL	Oil Gravity Corr API	Ga: Gra	s avity	Production Method					
Choke Size	Tbg Press Flwg Sl	Csg Press	24 Hr Rate	Oil Gas BBL MCF		Water BBL	Gas Oil Ratio	We	ell Status						
28c. Produ	uction - Interv	al D			·	<del>*</del>	<del>.,</del>								
Date First Produced	Test Date	Hours Tested	Test Production	Oil Gas BBL MCF		Water BBL	Oil Gravity Corr API	Ga. Gra	s avity	Production Method					
Choke Size	Tbg Press Flwg Sl	Csg Press.	24 Hr Rate	Oıl BBL	Gas MCF	Water BBL	Gas Oil Ratio	Wo	ell Status			· ·			
29. Dispos	sition of Gas(S	Sold, used	for fuel, vent	ed, etc)	<u> </u>										
	ary of Porous	Zones (In	clude Aquife	rs).					31. For	mation (Log) Mai	rkers				
Show tests, i	all important a ncluding depti coveries.	ones of p	orosity and co	ontents there	eof. Cored in tool open,	ntervals and a flowing and s	ill drill-stem shut-in pressu	res							
	Formation		Тор	Bottom		Description	ns, Contents, e	etc.		Top Meas Depth					
44 A 6310 6310		Treatme ed w/370 w/113,589	nt, Cement 09 gals 15%	Squeeze, e	SAN DOI SAN DOI	LOMITE & A	NHYDRITE		QU SAI GL YE	YATES QUEENS SAN ANDRES GLORIETA YESO TUBB					
	- 6780 Acıdız		84 gale 15%	HCI											
33. Circle 1 Ele 5. Sui	enclosed attac ectrical/Mecha ndry Notice fo	chments. nical Logs r plugging	s (1 full set re	eq'd.) verification thed informa	ition is comp		3. DST Report     4. Directional Survey     7 Other.  etermined from all available records (see attached instructions).  BLM Well Information System.								
		METH					LLC, sent to	the Hobb	os		<del>.</del>				
Name	(please print)	NETHA A	AARON				Title	AUTHOR	KIZED REP	PRESENTATIVE					
Signat	Signature (Electronic Submission)								Date <u>06/13/2011</u>						
Title 18 U	J.S C. Section	1001 and	Title 43 U S	C Section 1	212, make 1	t a crime for	any person kn	owingly a	nd willfully	to make to any de	epartment or a	gency			

## Additional data for transaction #110465 that would not fit on the form

## 32. Additional remarks, continued

6580 - 6780 Frac w/118,011 gals gel, 147,761# 16/30 White sand, 32,493# 16/30 SiberProp

LOGS WILL BE MAILED