Form 3160-4 (August 2007)

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

"IECEIVED HOBBSOCD

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well											NMLC029509A  6. If Indian, Allottee or Tribe Name			
	D. Type of Completion New Well Work Over Deepen Other						□ Plug Back □ Diff. Resvr.			7. Unit or CA Agreement Name and No.				
COG	of Operator OPERATIN				Co oaaron@	ontact: NE	THA AARO	ON Om			8. Lease Nam MC FEDE	e and W	ell No.	
		D, TX 79	705				Ph: 432-	e No. (include -818-2319	area code	) !	9. API Well N	lo.	30-025-39500	
	on of Well (R			and in ac	cordance	with Fede	ral requireme	ents)*			10. Field and		Exploratory SO, WEST	
At surface Lot M 1025FSL 635FWL  At top prod interval reported below Lot M 1025FSL 635FWL										-	11. Sec., T., R., M., or Block and Survey or Area Sec 21 T17S R32E Mer			
					of SL 63	5FWL				-	2. County or	Parish	13. State	
At total depth Lot M 1025FSL 635FWL  14. Date Spudded							d .		LEA COU 17. Elevations		NM B. RT. GL)*			
			0	1/19/20	11			Date Complete 0 & A 2/09/2011	Ready to F	rod.	4	007 GL	_, <b>,</b> ,	
18. Total	18. Total Depth: MD TVD			7025 19. Plu 7025			D.: MD				Bridge Plug	Bridge Plug Set: MD TVD		
СОМ	Electric & Ot PENSATED	NEUT				of each)			Was I	l well cored? DST run? tional Surve	<b>⋈</b> No	Yes	s (Submit analysis) s (Submit analysis) s (Submit analysis)	
3. Casing	and Liner Re	cord (Repo	ort all string			· · · · ·								
Hole Size	Size/G	Grade	Wt. (#/ft.)	To (MI		Bottom (MD)	Stage Cemen Depth	nter No. of Type of		Slurry V (BBL)	I ('emeni	Тор*	Amount Pulled	
17.50 11.00	-	13.375 H40			0	813			700			0		
.7.87		8.625 J55 5.500 L80			0	7014	<del></del>		700 1100	<u> </u>		0		
									-					
<del></del>				<del> </del>										
24. Tubin				<u> </u>		<u>-</u>				<u> </u>				
Size 2.875	Depth Set (I	MD) Pa	acker Depth	(MD)	Size	Depth	Set (MD)	Packer Depti	h (MD)	Size	Depth Set (M	(D)	Packer Depth (MD	
25. Produc	ing Intervals					132.8	erforation R	ecord	j					
						26. P	CHOIALION K	ccoru						
	Formation	DOCK	Тор	5450	Bottom			ed Interval	5000	Size	No. Holes	Ι	Perf. Status	
A)		DOCK	Тор	5450 6060	56					1.000	. 26	OPEN	N .	
A) B) C)	PADI BLIN BLIN	EBRY EBRY	Тор	6060 6380	56 63 64	310 580		ed Interval 5450 TO 6060 TO 6380 TO	6310 6580	1.000 1.000 1.000	26 26	OPEN	V	
A) B) C) D)	PADI BLIN BLIN	EBRY EBRY		6060 6380 6650	56 63 64	300 310		ed Interval 5450 TO 6060 TO	6310 6580	1.000 1.000	26 26	OPEN	V	
A) B) C) D)	PADI BLIN BLINI BLINI Fracture, Trea Depth Interv	EBRY EBRY tment, Cen	nent Squeez	6060 6380 6650 e, Etc.	56 63 65 68	600 310 580 350	Perforate	ed Interval 5450 TO 6060 TO 6380 TO	6310 6580 6850	1.000 1.000 1.000 1.000	26 26	OPEN	V	
A) B) C) D)	PADI BLINI BLINI BLINI Fracture, Trea Depth Interv	EBRY EBRY tment, Cen al	nent Squeez	6060 6380 6650 e, Etc.	56 63 68 68	1600 310 580 350	Perforate	5450 TO 6060 TO 6380 TO 6650 TO Amount and T	6310 6580 6850	1.000 1.000 1.000 1.000 aterial	26 26 26	OPEN	V	
A) B) C) D)	PADI BLINI BLINI BLINI Fracture, Trea Depth Interv 54 54	EBRY EBRY tment, Cen al 150 TO 56 150 TO 63	nent Squeez 500 ACIDIZE 500 FRAC V 110 ACIDIZE	6060 6380 6650 e, Etc. ED W/310 W/115,533 ED W/350	56 63 68 68 00 GALS 5 GALS G	5000 310 580 350 350 15% HCL EEL, 121,48	Perforate	6060 TO 6060 TO 6380 TO 6650 TO Amount and T	6310 6580 6850 Type of M	1.000 1.000 1.000 1.000 aterial	26 26 26	OPEN	V	
A) B) C) D) 27. Acid, I	PADI BLINI BLINI BLINI Fracture, Trea Depth Interv 54 54	EBRY   EBRY   EBRY   tment, Cen   150 TO   56   150 TO   56   160 TO   63   160 TO   6	nent Squeez 500 ACIDIZE 500 FRAC V 110 ACIDIZE	6060 6380 6650 e, Etc. ED W/310 W/115,533 ED W/350	56 63 68 68 00 GALS 5 GALS G	5000 310 580 350 350 15% HCL EEL, 121,48	Perforate	5450 TO 6060 TO 6380 TO 6650 TO Amount and T	6310 6580 6850 Type of M	1.000 1.000 1.000 1.000 aterial	26 26 26	OPEN	V	
A) B) C) D) 27. Acid, I	PADI BLINI BLINI BLINI Fracture, Trea Depth Interv 54 54 60 60 tion - Interval	EBRY   EBRY   tment, Cen   150 TO 56   150 TO 63   160 TO 63   A   Heurs	nent Squeez  500 ACIDIZE  500 FRAC V  10 ACIDIZE  10 FRAC V	6060 6380 6650 e, Etc. ED W/311 W/115,533 ED W/350 W/139,204	56 63 65 68 00 GALS 5 GALS G 00 GALS 4 GALS G	5000 310 580 350 350 15% HCL 5EL, 121,48 15% HCL EL, 170,23	Perforate  2# 16/30 WH  10# 16/30 WH	64 Interval 5450 TO 6060 TO 6380 TO 6650 TO Amount and T	6310 6580 6850 Type of M 057# 16/3	1.000 1.000 1.000 1.000 aterial 0 SIBERPR	26 26 26	OPEN	V	
A) B) C) D) 27. Acid, I  28. Produce ate First oduced 02/18/2011	PADI BLINI BLINI BLINI Fracture, Trea Depth Interv 54 54 60 60 tion - Interval Test Date 02/25/2011	EBRY   EBRY   EBRY   tment, Cen   So TO 56   So TO 63   Co TO 63	nent Squeez  500 ACIDIZE  500 FRAC V  10 ACIDIZE  10 FRAC V	6060 6380 6650 e, Etc. ED W/311 W/115,533 ED W/350 W/139,204	56 63 68 68 00 GALS G 5 GALS G 500 GALS G 4 GALS G	1500 310 580 350 15% HCL EL, 121,48 15% HCL EL, 170,23	Perforate  2# 16/30 WH  10# 16/30 WH	64 Interval 5450 TO 6060 TO 6380 TO 6650 TO Amount and T	6310 6580 6850 Type of M 057# 16/3 Gas Gravity	1.000 1.000 1.000 1.000 aterial 0 SIBERPR	26 26 26 OP	6 OPEN 6 OPEN	V	
A) B) C) D) 27. Acid, I  28. Product ate First oduced 02/18/2011 toke	PADI BLINI BLINI BLINI Fracture, Trea Depth Interv  54 60 60 tion - Interval	EBRY   EBRY   tment, Cen   slower   slo	nent Squeez  500 ACIDIZE  500 FRAC V  10 ACIDIZE  10 FRAC V	6060 6380 6650 e, Etc. ED W/311 W/115,533 ED W/356 W/139,204	56 63 68 68 00 GALS G 5 GALS G 500 GALS G 4 GALS G	1500 310 580 350 15% HCL EL, 121,48 15% HCL EL, 170,23	Perforate 32# 16/30 WH 0# 16/30 WH er Oil Cor 438.0 er Gas	ed Interval 5450 TO 6060 TO 6380 TO 6650 TO Amount and T	6310 6580 6850 Type of M 057# 16/3 107# 16/3 Gas Gravity 0. Well Sta	1.000 1.000 1.000 1.000 1.000 0 SIBERPR 0 SIBERPR	26 26 26 OP	6 OPEN 6 OPEN	N N N N N N N N N N N N N N N N N N N	
A) B) C) D) 27. Acid, I  28. Produce ate First oduced 02/18/2011 noke ze 28a. Produce	PADI BLINI BLINI BLINI Fracture, Trea Depth Interv  54 60 60 tion - Interval  Test Date 02/25/2011 Tbg. Press. Fiwg. SI	EBRY   EBRY   EBRY   tment, Cen   al	nent Squeez  300 ACIDIZE  300 FRAC V  10 ACIDIZE  10 FRAC V  Test Production  24 Hr. Rate	6060 6380 6650 e, Etc. ED W/316 W/115,533 ED W/356 W/139,204 Oil BBL Oil BBL	56 63 65 68 00 GALS G 00 GALS G 4 GALS G MCF 31 Gas MCF	15% HCL EEL, 121,48 15% HCL EEL, 170,23 Wat BBI	Perforate  2# 16/30 WH  10# 16/30 WH  cer Oil  438.0  er Gas Rat	ed Interval 5450 TO 6060 TO 6380 TO 6650 TO Amount and T	6310 6580 6850 Type of M 057# 16/3 107# 16/3 Gas Gravity 0. Well Sta	1.000 1.000 1.000 1.000 aterial 0 SIBERPR 0 SIBERPR	26 26 26 OP	6 OPEN 6 OPEN	N N N N N N N N N N N N N N N N N N N	
A) B) C) D) 27. Acid, I  28. Produc ate First oduced 22/18/2011 noke ze	PADI BLINI BLINI BLINI Fracture, Trea Depth Interv  54 60 60 tion - Interval Test Date 02/25/2011 Tbg. Press. Fiwg. SI	EBRY EBRY tment, Cen al 150 TO 56 160 TO 63 A Hours Tested 24 Csg. Press. 70.0	nent Squeez  500 ACIDIZE  500 FRAC V  10 ACIDIZE  110 FRAC V	6060 6380 6650 e, Etc. ED W/311 W/115,533 ED W/356 W/139,204 Oil	56 63 65 68 00 GALS 5 GALS G 00 GALS 4 GALS G MCF 31 Gas	15000 310 580 350 350 15% HCL EL, 121,48 15% HCL EL, 170,23	Perforate 32# 16/30 WH 90# 16/30 WH er Oil 438.0 er Gas Rat	ed Interval 5450 TO 6060 TO 6380 TO 6650 TO Amount and T	6310 6580 6850 Type of M 057# 16/3 107# 16/3 Gas Gravity 0. Well Sta	1.000 1.000 1.000 1.000 1.000 1.000 SIBERPR 0 SIBERPR Prod 60 tus	26 26 26 OP	OPEN OPEN	IPING UNIT	
A) B) C) D) 27. Acid, I  28. Produc ate First oduced 02/18/2011 noke	PADI BLINI BLINI BLINI BLINI Fracture, Trea Depth Interv  54 60 60 tion - Interval Test Date 02/25/2011 Tbg. Press. Fiwg. S1 ction - Interval	EBRY   EBRY   tment, Cen   cal	nent Squeez  500 ACIDIZE  500 FRAC V  10 ACIDIZE  10 FRAC V  Test Production 24 Hr. Rate	6060 6380 6650 e, Etc. ED W/310 W/115,533 ED W/356 W/139,204 Oil BBL 132.0	56 63 65 68 00 GALS G 00 GALS G MCF 31 Gas MCF	15000 310 580 350 350 350 350 415% HCL 4EL, 121,48 15% HCL 4EL, 170,23 488 488 488 488 488 488 488 488 488 48	Perforate  32# 16/30 WH  10# 16/30 WH  10# 16/30 WH  10# Gas  Per Gas  Rat  Cor  Gas  Gas	ed Interval 5450 TO 6060 TO 6380 TO 6650 TO Amount and T HITE SAND, 18 HITE SAND, 41, Gravity T. API 38.1 Gravity T. API 5:Oil	6310 6580 6850 Type of M .057# 16/3 107# 16/3 Gas Gravity .0. Well Sta	1.000 1.000 1.000 1.000 1.000 0 SIBERPR 0 SIBERPR 0 SIBERPR 0 V	OP  COP  COP  COP  COP  COP  COP  COP	6 OPEN 6 OPEN	N N N N N N N N N N N N N N N N N N N	

28b. Pro	duction - Inter	val C												
Date First Test Hours Produced Date Tested			Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Grav		Production Method				
	Date	Tested	Production	-	MCr	BBL	Con, API	Grav	vity					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	Status	•		•		
28c. Pro	duction - Inter	val D		<u>.l.</u>	<u> </u>	!	<u> </u>				-			
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Grav		Production Method				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well	Status	is				
29. Disp	osition of Gas	Sold, used	l for fuel, ven	ted, etc.)	<u> </u>			<u> </u>			· -··			
	mary of Porou	s Zones (I	nclude Aquife	ers):				<del></del>	131 For	mation (Log) Mar	cers			
Show tests,	all important	zones of	orosity and c	ontents ther	eof: Cored e tool ope	l intervals and intervals are also and intervals and intervals are also are also and intervals are also are a	nd all drill-stem nd shut-in pressur	res				·		
· 	Formation		Тор	Bottom Descriptions, C			ions, Contents, et	c.	Name			Top Meas. Depth		
YATES QUEENS SAN AND GLORIET YESO	DRES		2087 3065 3831 5332 5402		S/ D( S/	DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE				YATES QUEENS SAN ANDRES GLORIETA YESO				
•														
32. Addit	ional remarks cid, Fracture	(include p	olugging proce	edure):	ata CON	TIMILIED			<u>.</u>		7	<u></u>		
6380 6380	- 6580 Acidi - 6580 Frac e sand	zed w/350	00 gals 15%	HCL			784# 16/30			•				
6650 6650	- 6850 Acidi - 6850 Frac	zed w/350 w/83,932	00 gals 15% gals gel, 73	HCL ,985# 16/3	0 White s	and								
1. Ele	enclosed atta ectrical/Mecha ndry Notice fo	mical Log				Geologi     Core Ai	=		DST Rep	port	4. Direction	nal Survey		
34. I here	by certify that	the forego								records (see attac	ned instruction	ons):		
			Electr	onic Submi Fo	ssion #103 r COG O	3713 Verifi PERATIN	ed by the BLM W G LLC, sent to the	Vell Inform he Hobbs	nation Sy	stem.				
Name	(please print)	NETHA	AARON				Title A	UTHORIZ	ZED REP	RESENTATIVE				
Signa	Signature (Electronic Submission)							Date 03/04/2011						
							<del></del>			,				
Title 18 Un	J.S.C. Section ited States any	1001 and false, fict	Title 43 U.S. itious or fradi	C. Section 1 ulent statem	212, make ents or rep	it a crime fresentations	or any person kno as to any matter v	wingly and within its i	d willfully urisdiction	to make to any de	partment or a	gency		

## Additional data for transaction #103713 that would not fit on the form

32. Additional remarks, continued

LOGS WILL BE MAILED.