RECEIVED

Form 3160-4 (August 2007)

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

SEP 27 2010 HOBBSOCD

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

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WELL COMPL	FTION OR RE	COMPLETION	I REPORT	ANDIOG

	ON REPORT AND LOG	5. Lease Serial No. NMLC029405B			
b. Type of Completion New Well Work Over D	Other	6. If Indian, Allottee or Tribe Name			
Other	Deepen Plug Back Diff. Resvr	7. Unit or CA Agreement Name and No.			
Name of Operator Contact: K COG OPERATING LLC E-Mail: kcarrillo@conch	8. Lease Name and Well No. GC FEDERAL 49				
3. Address 550 WEST TEXAS AVENUE SUITE 100	3a. Phone No (include area code)	9. API Well No.			
MIDLAND, TX 79701-4287 4. Location of Well (Report location clearly and in accordance with Ference 1)	Ph: 432-685-4332	30-025-39422-00-S1 10. Field and Pool, or Exploratory			
At surface SESE 385FSL 1170FEL	derai requirements)	MALJAMAR; Yeso, Wast			
At top prod interval reported below SESE Lot P 385FSL 1170	FFI	11. Sec., T., R , M., or Block and Survey or Area Sec 19 T17S R32E Mer NMP			
At total depth SESE Lot P 385FSL 1170FEL	12. County or Parish 13. State LEA NM				
14. Date Spudded 15. Date T.D. Reached 06/10/2010 06/19/2010	17. Elevations (DF, KB, RT, GL)* 3923 GL				
18. Total Depth: MD 6925 19. Plug Back TVD 6925	T.D.: MD 6860 20. TVD 6860	Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each		cored? No Yes (Submit analysis)			
CÔMPENSATEDNEUT	Was DST Directions	cored? No Yes (Submit analysis) run? No Yes (Submit analysis) al Survey? No Yes (Submit analysis)			
23. Casing and Liner Record (Report all strings set in well)					
Hole Size Size/Grade Wt. (#/ft.) Top (MD) Bottom (MD)	Stage Cementer No. of Sks. & S Depth Type of Cement	lurry Vol. (BBL) Cement Top* Amount Pulled			
17.500 13 375 H40 48.0 0 65		0 0			
11.000 8.625 J55 32.0 0 206 7 875 5.500 L80 17.0 0 691		0 0			
7 675 5.500 E60 17.0 0 691	5 1100	0 0			
24 Tubing Record					
	oth Set (MD) Packer Depth (MD) S	lize Depth Set (MD) Packer Depth (MD)			
2.875 6418					
	6. Perforation Record				
Formation Top Bottom A) YESO	Perforated Interval S 5270 TO 5420	No. Holes Perf. Status OO0 26 OPEN			
		0.000 26 OPEN			
B) PADDOCK 5270 5420	5940 TO 6140				
B) PADDOCK 5270 5420 C) BLINEBRY 6480 6680	6210 TO 6410	0.000 26 OPEN 0;000 26 OPEN			
B) PADDOCK 5270 5420 C) BLINEBRY 6480 6680		0.000 26 OPEN 0,000 26 OPEN 0 000 1 D 26 OPEN D D C A D D			
B) PADDOCK 5270 5420 C) BLINEBRY 6480 6680 D)	6210 TO 6410	0.000 26 OPEN 0.000 26 OPEN 0.000 7 [] 726 OPEN D D [] []			
B) PADDOCK 5270 5420 C) BLINEBRY 6480 6680 D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 5270 TO 5420 ACIDIZE W/2,500 GALS 15% ACI	6210 TO 6410 6480 TO 6680 Amount and Type of Mater	0.000 26 OPEN 0,000 — 26 OPEN 0,000 \(\chi \) \(\chi			
B) PADDOCK 5270 5420 C) BLINEBRY 6480 6680 D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 5270 TO 5420 ACIDIZE W/2,500 GALS 15% ACIDIZE W/2,500 TO 5420 FRAC W/ 106,695 GALS GEL, 11	6210 TO 6410 6480 TO 6680 Amount and Type of Mater ID 11,436# 16/30 OTTAWA SAND, 15,512# 16/30	0.000 26 OPEN 0,000 — 26 OPEN 0,000			
B) PADDOCK 5270 5420 C) BLINEBRY 6480 6680 D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 5270 TO 5420 ACIDIZE W/2,500 GALS 15% ACI	6210 TO 6410 6480 TO 6680 Amount and Type of Mater ID 11,436# 16/30 OTTAWA SAND, 15,512# 16/30 ID	0.000 26 OPEN 0.000 26 OPEN 0.000 1 D 26 OPEN D DECAP 110 D I D I D I D I D I D I D I D I D I D			
B) PADDOCK 5270 5420 C) BLINEBRY 6480 6680 D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 5270 TO 5420 ACIDIZE W/2,500 GALS 15% ACI 5270 TO 5420 FRAC W/ 106,695 GALS GEL, 11 5940 TO 6140 ACIDIZE W/3,500 GALS 15% ACI 5940 TO 6140 FRAC W/ 124,336 GALS GEL, 14 28. Production - Interval A	6210 TO 6410 6480 TO 6680 Amount and Type of Mater ID 11,436# 16/30 OTTAWA SAND, 15,512# 16/30 ID	0.000 26 OPEN 0.000 26 OPEN 0.000 7 C D 26 OPEN D D C O D			
B) PADDOCK 5270 5420 C) BLINEBRY 6480 6680 D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 5270 TO 5420 ACIDIZE W/2,500 GALS 15% ACI 5270 TO 5420 FRAC W/ 106,695 GALS GEL, 11 5940 TO 6140 ACIDIZE W/3,500 GALS 15% ACI 5940 TO 6140 FRAC W/ 124,336 GALS GEL, 14 28. Production - Interval A Date First Test Date Hours Tested Production BBL Gas MCF	6210 TO 6410 6480 TO 6680 Amount and Type of Mater ID 11,436# 16/30 OTTAWA SAND, 15,512# 16/30 ID	0.000 26 OPEN 0.000 26 OPEN 0.000 7			
B) PADDOCK 5270 5420 C) BLINEBRY 6480 6680 D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 5270 TO 5420 ACIDIZE W/2,500 GALS 15% ACI 5270 TO 5420 FRAC W/ 106,695 GALS GEL, 11 5940 TO 6140 ACIDIZE W/3,500 GALS 15% ACI 5940 TO 6140 FRAC W/ 124,336 GALS GEL, 14 28. Production - Interval A Date First Produced Date Date Date Date Production Production Frested Production Space Size Flwg 70 Press Rate BBL MCF	6210 TO 6410 6480 TO 6680 Amount and Type of Mater ID 11,436# 16/30 OTTAWA SAND, 15,512# 16/30 ID 17,314# 16/30 OTTAWA SAND, 32,065# 16/30 Water BBL Corr AP! Gravity 596 0 36 4 Water Gas Oil BBL Ratio Well Status	0.000 26 OPEN 0.000 26 OPEN 0.000 1 D 26 OPEN D D C O D INULLI I LU I UN INLUUM D SIBERPROP SEP 20 2010 D SIBERPROP CARLSBAD FIELD OFFICE ELECTRIC PUMPING UNIT.			
B) PADDOCK 5270 5420 C) BLINEBRY 6480 6680 D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 5270 TO 5420 ACIDIZE W/2,500 GALS 15% ACI 5270 TO 5420 FRAC W/ 106,695 GALS GEL, 11 5940 TO 6140 ACIDIZE W/3,500 GALS 15% ACI 5940 TO 6140 FRAC W/ 124,336 GALS GEL, 14 28. Production - Interval A Date First Test Production Date Date Date Production Tested O7/16/2010 07/17/2010 24 Tested Production BBL MCF 670 Fress Flwg 70 Press Flwg 70 SI Press Rate BBL MCF 70 0 52 8	6210 TO 6410 6480 TO 6680 Amount and Type of Mater ID 1,436# 16/30 OTTAWA SAND, 15,512# 16/30 ID 17,314# 16/30 OTTAWA SAND, 32,065# 16/30 Water BBL Corr API Gas Gravity 596 0 36 4 Well Status	0.000 26 OPEN 0.000 26 OPEN 0.000 10 26 OPEN			
B) PADDOCK 5270 5420 C) BLINEBRY 6480 6680 D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 5270 TO 5420 ACIDIZE W/2,500 GALS 15% ACI 5270 TO 5420 FRAC W/ 106,695 GALS GEL, 11 5940 TO 6140 ACIDIZE W/3,500 GALS 15% ACI 5940 TO 6140 FRAC W/ 124,336 GALS GEL, 14 28. Production - Interval A Date First Produced Date Date Date Production Production Frested Production BBL MCF 07/16/2010 07/17/2010 24 Tested Production BBL MCF 520 8.0 Choke Tbg Press Flwg 70 Press Rate BBL MCF 51 70 0 52 8 288. Production - Interval B Date First Test Hours Test Oil Gas 288. Production - Interval B	6210 TO 6410 6480 TO 6680 Amount and Type of Mater ID 11,436# 16/30 OTTAWA SAND, 15,512# 16/30 ID 17,314# 16/30 OTTAWA SAND, 32,065# 16/30 Water BBL Corr AP! Gravity 596 0 36 4 Water Gas Oil Ratio POW Water Oil Gravity Gas OIL Gravity Gas Well Status POW	0.000 26 OPEN 0.000 26 OPEN 0.000 10 26 OPEN			
B) PADDOCK 5270 5420 C) BLINEBRY 6480 6680 D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 5270 TO 5420 ACIDIZE W/2,500 GALS 15% ACI 5270 TO 5420 FRAC W/ 106,695 GALS GEL, 11 5940 TO 6140 ACIDIZE W/3,500 GALS 15% ACI 28. Production - Interval A 28. Production - Interval A Date First Trest Date Tested Date Tested Production Todace First Test Flwg 70 Press Flwg 70 Press Size Flwg 70 Press Tate Production BBL MCF 28a. Production - Interval B Date First Test Date Tested Production BBL MCF Todace First Test BBL MCF Todace Flow Todace MCF Tested Production BBL MCF Tested BBL MCF Tested BBL MCF Test BBL BBL MCF	Amount and Type of Mater ID 1,436# 16/30 OTTAWA SAND, 15,512# 16/30 ID 17,314# 16/30 OTTAWA SAND, 32,065# 16/30 Water BBL Corr AP! S96 0 36 4 Water BBL Ratio S96 154 POW Water BBL Oil Gravity Corr API Gas Oil BBL Ratio FOW Well Status FOW Water BBL Gravity Gas Oil BBL Gravity BBL Gravity	O.000 26 OPEN O.000 26 OPEN O.000 10 26 OPEN			
B) PADDOCK 5270 5420 C) BLINEBRY 6480 6680 D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 5270 TO 5420 ACIDIZE W/2,500 GALS 15% ACI 5270 TO 5420 FRAC W/ 106,695 GALS GEL, 11 5940 TO 6140 ACIDIZE W/3,500 GALS 15% ACI 28. Production - Interval A Date First Treatment Production Date Tested Date Tested Production Tested Production To 107/17/2010 24 To 10 Gas Flwg 70 Press Five First Test Hours To 10 Gas 28a. Production - Interval B Date First Test Hours Tested Production BBL MCF 370 0 To 10 Gas BBL MCF 52 0 8.0 Choke Tbg Press Tested Production BBL MCF 70 0 To 10 Gas MCF 52 0 8.0 Choke Tbg Press Csg 24 Hr Oil Gas MCF 707/16/2010 07/17/2010 24 Tested Production BBL MCF 52 0 8.0 Choke Tbg Press Csg 24 Hr Oil Gas MCF 52 0 8.0 Choke Tbg Press Csg 24 Hr Oil Gas MCF 52 0 8.0	Amount and Type of Mater ID 1,436# 16/30 OTTAWA SAND, 15,512# 16/30 ID 17,314# 16/30 OTTAWA SAND, 32,065# 16/30 Water BBL Corr AP! S96 0 36 4 Water BBL Ratio S96 154 POW Water BBL Oil Gravity Corr API Gas Oil BBL Ratio FOW Well Status FOW Water BBL Gravity Gas Gravity	0.000 26 OPEN 0.000 26 OPEN 0.000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			

28b Proc	duction - Inter	/al C										
Date First Test Hours			Test	Oil	Gas	Water	Oil Gravity	Gas		Production Method		
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr API	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			
	luction - Interv	al D		-		-,1,,,						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Grav	rity	Production Method		
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well	Status			
29. Dispo	osition of Gas(.	Sold, used	for fuel, veni	ted, etc.)	- !	<u> </u>	. 					
	nary of Porous	Zones (Ir	nclude Aquife	rs)					131 For	mation (Log) Marke		
Show tests,	all important	zones of r	orosity and c	ontents the	reof Cored ine tool open	ntervals and, flowing ar	d all drill-stem ad shut-ın pressure	es	31.101	mation (Log) Mark	515	
	Formation		Тор	Bottom		Descripti	ons, Contents, etc	;.		Name		Тор
YATES			1956	ļ	DO	LOMITE 8	SAND		<u> </u>		Me	as. Depth
Acid,	ional remarks Fracture, Tre	atment,	Cement Squ	eeze etc.	SA DO SA	LOMITE 8 ND & DOL LOMITE 8	ANHYDRITE OMITE ANHYDRITE					
6210 SIBE	- 6410 ACIDI - 6410 FRAC RPROP. - 6680 ACIDI	: W/ 124,	444 GALS 0	SEL, 148,2	05# 16/30	OTTAWA	SAND, 33,804#	16/30				•
	enclosed attac									- 		
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3 DST Report 4. Directional Survey									rvev			
5. Sur	ndry Notice for	r plugging	g and cement	verification	•	6 Core An	alysis		Other .			,
34. I hereb	oy certify that	he forego	ing and attacl	ned informa	tion is com	plete and co	orrect as determine	ed from all	l available	records (see attache	ed instructions):	
			Electr	onic Subm Fo	ission #91 <mark>3</mark> or COG OP	65 Verified	by the BLM We	ell Inform	ation Sys	tem.	ed mistractions).	
Name (please print) KANICIA CARRILLO Committed to AFMSS for processing by CHERYLE RYAN on 08/18/2010 (10CMR0228SE) Title PREPARER												
Signature (Electronic Submission)						Date 08	Date 08/18/2010					
Title 18 U	S.C. Section	001 and	Title 43 II S (Section 1	212 make i	t a crime fo	r any nerson know		January Company			

of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

Additional data for transaction #91365 that would not fit on the form

32. Additional remarks, continued

6480 - 6680 FRAC W/123,882 GALS GEL, 146,972# 16/30 OTTAWA SAND, 34,642# 16/30 SIBERPROP.