District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd. Aztec, NM 87410

State of New Mexico Energy, Minerals & Natural Resources

Submit one copy to appropriate District Office

Oil Conservation Division

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Form C-104

Revised August 1, 2011

The Count The	District IV 1220 S. St. Franc					20 South St. Santa Fe, N		•				AMENDED REPORT	
COG Operating LLC 220187 Reason for Filing Code Effective Date Property Code Property Code Property Code Reason for Filing Code Effective Date NW Property Code Reason for Filing Code Effective Date Property Code Reason for Filing Code Property Name Jack Federal		I. R	EQUES '	T FO		•		CHO	RIZATION	ТОТ	RANSI	PORT	
228 W Main Street									² OGRID Nur	nber	220137		
3	2208 W.	Main Street				·			³ Reason for F	iling C		tive Date	
Wildest G-03 \$262631M; Bone Spring			5 m1 N/.							6 p.			
11. Surface Location			Pool Na	ame	Wildca	t G-03 S26263	1M; Bone S	pring		P	ooi Code	97818	
II. Surface Location County Range Lot Idn Feet from the North Surface Location			8 Proper	ty Nam	ie	Jack Fee	leral			9 W			
Company Comp			Location										
Color Colo	Ul or lot no. Bection Township Range 27E Lot Idn Feet from 190												
O 31 25S 27E 357 South 2045 East Eddy				lange	Lot Idn	Feet from the	North/South	Line	Feet from the	East/	West line	County	
III. Oil and Gas Transporters	0	31	25S 2	27Ĕ		357	South		2045]	East	Eddy	
Transporter Pransporter Pransporter Name and Address Pransporter Name and Address	1	Code	lethod '			¹⁵ C-129 Peri	nit Number	10 (C-129 Effective	Date	17 C-11	29 Expiration Date	
Approved by: Appr			nsporter	rs		19			<u>*</u>			20 0 10 171	
TV. Well Completion Data		ter										2" O/G/W	
IV. Well Completion Data	248440				W			.P				О	
IV. Well Completion Data													
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IV. Well Completion Data										٠			
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IV. Well Completion Data		- 4.34. A				Ì	ΜΔΥ 2	9 20	14		**************************************		
IV. Well Completion Data 23 TD 24 PBTD 25 Perforations 3716/14 571/14 11859 27500 11856 7749-11770 27 DHC, MC 11856													
IV. Well Completion Data 23 Fpud Date 23 Fpud Date 3/16/14 5/11/14 11859 2500 11856 7749-11770 3/16/14 5/11/14 11859 2500 11856 7749-11770 3/16/14 3/16/							MNOCD	AH	ESIA				
IV. Well Completion Data 23 Fpud Date 23 Fpud Date 3/16/14 5/11/14 11859 2500 11856 7749-11770 3/16/14 5/11/14 11859 2500 11856 7749-11770 3/16/14 3/16/													
21 Spud Date 3/16/14 22 Ready Date 11859 25 Oo 11856' 7749-11770' 25 Perforations 7749-11770' 11859 25 Oo 11856' 7749-11770' 749-11770' 749-11770' 740 sx 740 sx 748'' 749-1179' 740 sx 746 74	TT7 TT7 11	G 1.	D 4								* .		
3/16/14 5/1/14 11859/2500 11856' 7749-11770'		te 22	n Data Ready Dat	te	Γ	²³ TD	²⁴ PBTE)	25 Perforat	ions	T	²⁶ DHC, MC	
17 1/2" 13 3/8" 2045' 700 sx 77/8" 5 1/2" 11850' 2235 sx 27/8" 7215' V. Well Test Data Some Delivery Date Style Signature Type of the Oil Conservation Division have been complete with and that the information given above is true and complete to the best of my knowledge and belief. Stormi Davis Title: Regulatory Analyst E-mail Address: sdavis@concho.com Pending BLM approvals will subsequently be reviewed			5/1/14		1	11859, 2500	11856' 7740,11776						
12 1/4" 9 5/8" 2045' 700 sx 77/8" 5 1/2" 11850' 2235 sx 2 7/8" 7 7215' V. Well Test Data 1 Date New Oil 5/4/14 1 Date New Oil 5/4/14 1 Date New Oil 5/4/14 1 Date New Oil 746 1 Date New Oil 748 1 Date New Oil 748 1 Test Length 748 2 Double No Csg. Pressure 200# 1 Test Method Flowing OIL CONSERVATION DIVISION Approved by: Approve	27 Ho	le Size	28	Casing	& Tubir	ng Size	²⁹ De	pth Se	et	-	30 Sack	s Cement	
7 7/8" 5 1/2" 11850' 2235 sx 2 7/8" 7215' V. Well Test Data Test Data Test Length 24 Hrs 200# Test Length 24 Hrs 200# Test Length 25/22/14 Test Length 24 Hrs 200# Test Date 200# Test Length 200# Test Method Flowing Test Method Flowing Title: Dest Test Method Flowing Test Length 200# Test Length 200# Test Length 20#	17	1/2"		1	3 3/8"		3	95'			40	00 sx	
V. Well Test Data 31 Date New Oil	12	1/4"		•	9 5/8"		2045'				700 sx		
V. Well Test Data 31 Date New Oil 5/4/14 32 Gas Delivery Date 5/22/14 33 Test Date 5/22/14 34 Test Length 200# 35 Tbg. Pressure 200# 40 Gas 1870 41 Test Method Flowing 42 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Stormi Davis Title: Regulatory Analyst E-mail Address: sdavis@concho.com Date: Phone: 5/28/14 Phone: 575-748-6946 Phone: 575-748-6946 Prist data mane: Stormi BLM approvals will subsequently be reviewed	77	7/8"		:	5 1/2"		11850'			2235 sx			
31 Date New Oil 5/4/14 32 Gas Delivery Date 5/22/14 33 Test Date 5/22/14 24 Hrs 200# 35 Tbg. Pressure 200# 41 Test Method 746 3512 1870 6 Gas 1870 6 Gas 1870 7 Gas					2 7/8"		. 72	215'	·				
5/4/14 5/22/14 24 Hrs 200# Test Method Flowing Test Method Flowing Complete to the best of my knowledge and belief. Signature: Stormi Davis Title: Regulatory Analyst E-mail Address: sdavis@concho.com Date: 5/28/14 5/22/14 24 Hrs 200# Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Title: Approved by: Approval Date: Pending BLM approvals will subsequently be reviewed							•				-		
746 3512 1870 Flowing 42 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Printed name: Stormi Davis Title: Regulatory Analyst E-mail Address: sdavis@concho.com Date: 575-748-6946 Phone: 575-748-6946 Plowing OIL CONSERVATION DIVISION Approved by: Approved by: Approved by: Phone: Stormi BLM approvals will subsequently be reviewed	5/4/14						24 Hrs 2						
been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Printed name: Stormi Davis Title: Regulatory Analyst E-mail Address: sdavis@concho.com Date: 5/28/14 Phone: 575-748-6946 Approved by: Printed: Approved by: Approved by: Pending BLM approvals will subsequently be reviewed	37 Choke Si	ze			39								
complete to the best of my knowledge and belief. Signature: Printed name: Stormi Davis Title: Regulatory Analyst E-mail Address: sdavis@concho.com Date: 5/28/14 Approved by: Post IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	⁴² I hereby cert	ify that the rule	es of the Oil	l Conse	rvation D	ivision have			OIL CONSERV	ATION	DIVISIO	N	
Printed name: Stormi Davis Title: Regulatory Analyst E-mail Address: sdavis@concho.com Date: 5/28/14 Printed name: Title: Approval Date: 7-2-14 Pending BLM approvals will subsequently be reviewed	complete to the	with and that t best of mylkn	he informat owledge an	tion giv 1d belief	en above f.	is true and			aa	,			
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Title: Regulatory Analyst E-mail Address: sdavis@concho.com Date: 5/28/14 Phone: 575-748-6946 Approval Date: P-2-14 Pending BLM approvals will subsequently be reviewed			ZIIIS	.			Γitle:	<u> </u>		-			
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sdavis@concho.comDate:Phone:Pending BLM approvals will5/28/14575-748-6946subsequently be reviewed	Regulatory A	Analyst			-	·	Approvai Date	1	7-2-14				
Date: Phone: Pending BLM approvals will subsequently be reviewed										_			
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9110 Juni 111, 11 42	3/28/14		575-7	48-694	16		<u>.</u> .						

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

5. LEASE DESIGNATION AND SERIAL NO.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG NMNM114349 6. INDIAN ALLOTTEE OR TRIBE NAME Type of Well X Oil Well Gas Well Dry Other 1a. Deepen Plug Back Diff. Resvr. b. Type of Completion X New Well Workover 7. UNIT AGREEMENT Other FARM OR LEASE NAME 2. Name of Operator COG Operating LLC Jack Federal #4H 3a. Phone No. (include area code) Address API WELL NO. 2208 W. Main Street 575-748-6940 30-015-42134 Artesia, NM 88210 4. Location of Well (Report location clearly and in accordance with Federal requirements) 10. FIELD NAME Wildcat G-03 S262631M; Bone Spring 190' FNL & 2310' FEL, Unit B (NWNE) Sec 31-T25S-R27E 11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA 31 T 25S R 27E At top prod. Interval reported below 12. COUNTY OR PARISH 13. STATE 357' FSL & 2045' FEL, Unit O (SWSE) Sec 31-T25S-R27E At total depth Eddy NM Date Completed 5/1/14 14. Date Spudded 15. Date T.D. Reached 16. 17. ELEVATIONS (DF, RKB, RT, GR, etc.)* Ready to Prod. D&A 3/16/14 4/5/14 3262' 3279 KΒ 18. Total Depth; 19. Plug back T.D.: 20. Depth Bridge Plug Set: 11859 11856 MD MD MD 7499 7499 TVD TVD TVD 21. Type Electric & other Logs Run (Submit a copy of each) Was well cored? X No Yes (Submit analysis) Laterolog, Sonic, CNL Was DST run? X No Yes (Submit report) Directional Survey? ☐ No Yes (Submit copy) X Casing and Liner Record (Report all strings set in well) Stage Cementer No. of Sks. & Type Hole Size Size/ Grade Wt. (#/ft.) Top (MD) Bottom(MD) Slurry Vol. (Bbl) Cement Top* Amount Pulled Depth of Cement 13 3/8" J55 54.5# 17 1/2" 0 395 None 400 sx 0 None 12 1/4" 9 5/8" J55 40# 0 2045 700 sx None 0 None 7 7/8" 5 1/2" P110 17# 0 11850 None 2235 sx 0 None 24. Tubing Record Size Depth/Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 2 7/8" 7215 6858 Producing Intervals Perforation Record 25. Bottom Formation Top Perforated Inteval Size No. of Holes Perf. Status 7749 11770 7749-11690' 0.43 504 Bone Spring Open A) 11760-11770 60 B) Open C) D) Acid, Fracture Treatment, Cement Squeeze. Etc. 27 Amount and Type of Material Depth Interval See Attached See Attached MAY 2 9 2014 Production-Interval A NMOCD ARTESIA 28 Date First Test Date Hours Test Water Oil Gravity Oil Gas MCF Вы Tested Production Bbl Corr. API Produced Gravity 5/4/14 5/22/14 24 1 746 1870 3512 Flowing Press. 24 Hr. Rate Choke Size Oil Bbl Tbg. Press Csg Gas Water Gas: Oil Well Status MCF Bbl Ratio Flwg Producing 200# 1870 746 3512 Production-Interval B 28a Water Date First Test Date Hours pending BLM approvals will Test Oil Gas Oil Gravity G۵ Tested MCF Produced Production Bbl Bbl Corr. API w subsequently be reviewed Choke Size Tbg. Press Csg Press. 24 Hr. Rate Oil Bbl Gas Water Gas: Oil and scanned Flwg. MCF Вы Ratio

^{*} See instructions and spaces for additional data on page 2)

28b. Product	tion- Interv	al C										·	 _		
Date First Produced	te First Test Date H		Hours Tested		Test Production	Oil Bbl	Gas MCF	Water Bbl		Gravity r. API	Gas Gravitv	Production Metho	od		
Choke Size	Tbg. Pres	SS	Csg	Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas Rat	:: Oil io	Well Status				
28c. Product	tion- Interv	al D	L		L	·	_L								
Date First Produced	Test Date		Hour Teste		Test Production	Oil ВЫ	Gas MCF	Water Bbl		Gravity r. API	Gas Production Method Gravity		od		,
Choke Size	Tbg. Pre Flwg. SI	SS	Csg	Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas Rat	:: Oil io	Well Status				
29. Disposition	of Gas (Sa	old, used	for fu	el, vente		_l					.L				
Flaring															
30. Summary o	f Porous Z	ones (inc	lude A	Aquifers)):					31. Forma	tion (Log) Markers	:			
including de			•			: Cored interven, flowing an		Irill-stem tests, essures and	,						
recoveries	ntion	Tor		Patto		Dosoria	ations Conta	ents Etc			Nama		<u> </u>	Тор	
Forma	ation	Top	<u> </u>	Botto	,iii	Descrip	otions Conte	into, Etc.			Name	Measured Depth		h	
Bone Spring 5597' 8712			2'						Rustler Top of Salt Base of Salt Lamar Bone Spring Lime 1st Bone Spring 2nd Bone Spring 3rd Bone Spring			225' 396' 1841' 2039' 5597' 6525' 6775' 8369'			
										Wolfca			TVD.	8713' 7499'	,
32. Addition	al remark	s (inclu	de ph	igging	procedure):				•						
															%D
33. Indicate						ng a check ii	_	-	s:						
Electrical/ Mechanical Logs (1 full set required) Sundry Notice for plugging and cement verification Geologic Report Core Analysis							DST Report Directional Survey								
34. I hereby ce	rtify that th	ne forego	ing an	d attach	ed information	on is complete	and correct	as determined	l from a	ll available re	ecords (see attached	f instructions)*			
Name (please print) Stormi Davis						Ti	tle <u>R</u>	egulatory	/ Analyst						
Signature	2	10		\geq	Dan	ins		Da	Date 5/28/14						
Title 18 U.S.C. Se	ction 1001 a	nd Title 4	3 U.S.0	C. Section	1212, make it	a crime for any	person knowi	ngly and willful	ly to mak	e to any depart	ment or agency of the	United States any false	e, fictitious or	fraudulent stste	ements or

representations as to any matter within its jurisdiction.

(Continued on page 3)

JACK FEDERAL #4H

30-015-42134

Sec 31-T25S-R27E

<u>Perfs</u>	7 1/2% Acid (Gal)	<u>Sand (#)</u>	Fluid (Gal)
11517-11690'	9282	451464	407484
11227-11420'	6006	451305	353682
10937-11130'	5982	450572	330792
10647-10841'	5964	450278	328650
10357-10551'	6048	452644	329196
10068-10261'	8988	457220	343644
9778-9971'	6300	448045	327474
9488-9681'	6906	450259	327768
9198-9391'	5964	448997	326088
8908-9102'	6048	449816	325374
8618-8812'	6006	452391	327138
8329-8522'	6006	453086	328020
8039-8232'	6048	449143	321972
7749-7942'	6888	453105	326466
Totals	92436	6318325	4703748