N.M. Oil Cons. DIV-Dist. 2

Form 3160-4 (April 2004)

UNITED STATES 1301 W. Grand Avenue DEPARTMENT OF THE INTENOPOSIA NM 88210

Section Sect	(April 2	2004)			DEPARTMENT OF THE INTENDESIA, NV 882							FORM APPROVED OMB NO. 1004-0137 Expires: March 31, 2007						
1a. Type of Well												5. Lease Serial No.						
Diff. Reswr. 2 Unit or CA Agreement Name and No.	la Timo of Wall																	
2. Name of Operator COG Operating LLC Same of Operator COG Operator											т	0.	ппп	iaii, Amonei	e of Time Name			
3. Address 550 W. Texas, Suite 1300 3. Address 550 W. Texas, Suite 1300 4. Location of Well (Report location clearly and in accordance with Federal requirements) RECEIVEU At surface 2630' FSL & 2310' FEL At top prod. interval reported below At 101 depth At 102 prod. interval reported below At 101 depth At 102 prod. interval reported below At 101 depth At 102 prod. interval reported below At 101 depth At 102 prod. interval reported below At 101 depth At 102 prod. interval reported below At 101 depth At 102 prod. interval reported below At 101 depth At 102 prod. interval reported below At 101 depth At 102 prod. interval reported below At 102 prod. interval reported below At 101 depth At 102 prod. interval reported below At 102 depth At 102 prod. interval reported below At 102 depth At 102 prod. interval reported below At 102 depth At 103 depth At 103 prod. or Exploratory Nash Draw; Delaware 47545 At 102 County or Parish State Eddy NM 11. Scc. T. R. M. on Block and Survey or Area Sec 30 T23S. R39E 12. County or Parish State Eddy NM 11. Scc. T. R. M. on Block and Survey or Area Sec 30 T23S. R39E 12. County or Parish Eddy NM 12. County or Parish State Eddy NM TVD 7169 20. Depth Bridge Plug Set: MD TVD 7169 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) TVD 7169 22. Was well cored? Was DST run? No. of Six. & Slurpy Vol. Was DST run? No. of Six. & Slurpy Vol. (EBL) Cement Top* Amount Pulled Type of Cement (EBL) At 20 prod. intervals Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Type of Cement Size Depth Set (MD) Packer Depth (MD) Type of Cement Size Depth Set (MD) Packer Depth (MD) Type of Material Amount and Type of Material		Other											7. Unit or CA Agreement Name and No.					
3. Address 550 W. Texas, Suite 1300 3. Phone No. (include area code) 432-685-4340 4. Location of Well (Report location clearly and in accordance with Federal requirements) PRECEIVEU At surface 2630° FSL & 2310° FEL At top prod. interval reported below At total depth 14. Date Spudded of 15. Date T.D. Reached 04/29/2005 15. Date T.D. Reached 04/29/2005 16. Total Depth: MD TVD 7169 17. Type Electric & Other Mechanical Logs Run (Submit copy of each) Three Detector Litho-Density CN / GR 22. Was well cored? ✓ No. ✓ Submit report) Three Detector Litho-Density CN / GR 23. Casing and Liner Record (Report all strings set in well) Hole Size Size/Grade Wt. (#/ft.) Top (MD) Bottom (MD) 17. Type Size Cementer Size Depth Set (MD) 17. Type Size Depth Set (MD) 18. Fold and Pool, or Exploratory Nash Draw; Delaware 75455 18. Sole Eddy NM TVD 7169 19. Plug Back T.D.: MD TVD 7169 10. De A ☐ Ready to Prod. 10. De A ☐ Plug Bridge Plug Set MD TVD 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Three Detector Litho-Density CN / GR Directional Survey? ☐ No. ☐ Yes (Submit analysis) Was DST run? ☐ No. ☐ Yes (Submit report) Directional Survey? ☐ No. ☐ Yes (Submit copy) 11. Sec. 7, R., M, on Block and Survey of Area 3096 GL MD TVD 22. Was well cored? ☐ MD West (Submit analysis) Was DST run? ☐ No. ☐ Yes (Submit analysis) Was DST run? ☐ No. ☐ Yes (Submit report) Directional Survey? ☐ No. ☐ Yes (Submit top) 11. Sec. Surf 142sst to pit 12. Surf 142sst to pit 13. Setc. Three No. of Six & Surry Vol. Cement Top* Amount Pulled Depth Set (MD) Packer Depth (MD) 24. Tubing Record Size Depth Set (MD) Packer Depth (MD) 25. Producing Intervals 26. Perforation Record Formation Top Bottom Perforated Interval Size No. Holes Perf. Status 42. Open 39. Delaware 6866 7056 - 7076 Amount and Type of Material 6990 - 7016 Amount and Type of Material	2. Nam																	
Al surface 2630° FSL & 2310° FEL Al for prod. interval reported below At top prod. interval reported below At top prod. interval reported below At top prod. interval reported below CCI - AFT CF317	432-685-4340												9.	AFI V	Vell No.			
At surface 2630° FSL & 2310° FSL At top prod. interval reported below At total depth At total depth Survey or Area Sec 30° T23S, R39E													10.					
At total depth At total depth At total depth At total depth 15. Date T.D. Reached 04/29/2005 16. Date Completed 07/01/2005 17. Elevations (DF, RKB, RT, GL)* 18. Total Depth MD TVD 7250 19. Plug Back T.D.: MD TVD 7169 20. Depth Bridge Plug Set MD TVD 7250 19. Plug Back T.D.: MD TVD 7169 22. Was well cored? Vlo Ves (Submit analysis) Ves (Submit report) Ves (Submit r												; }						
At total depth	At to	At top prod. interval reported below											ew	Survey or Area Sec 30 T23S, R30E				
04/15/2005 04/29/2005 D.&.A. Ready to Frod. 3096 GL	At total depth											Eddy NM						
TVD 7250 TVD 7169 TVD 7169 TVD 7250 TVD 7169 TVD 7250 TVD 7169		10//01/2003														_		
22. Vas well cored? V No Yes (Submit analysis) Yes (Submit analysis) Yes (Submit report) Yes (18. Total	•				19. I	Plug Back T.	D.: MD			20. Depth	Впі	dge Plug	Set:	MD			_
Three Detector Litho-Density CN / GR									7169						TVI) 		
Three Detector Litho-Density CN / GR Directional Survey /	21. Type	Electric &	t Other M	1echanic	al Logs 1	Run (Sı	ubmit copy	of each)			ľ							
Hole Size Size/Grade Wt. (#/ft.) Top (MD) Bottom (MD) Stage Cementer Depth Type of Cement Slurry Vol. (BBL) Cement Top* Amount Pulled	Thre	ee Detecto	r Litho-l	Density	CN/G	R ——								<u> </u>			• •	
17-1/2 13-3/8 48 625		Ť			1		T	Stag	e Cementer	No o	of Ste &	Çh.	ver Vol				4	_
11					ļ	(MD)	Bottom (N	или -		Type	of Cement				Cement	Top*	Amount Pulled	
7-7/8 5-1/2 17 7250 420 Cemcrete 3362	17-1/2 13-3/8 48 625 520 Cl C Surf																	
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD)														_			1848X to pit	_
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD)																		
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD)							<u> </u>							-				
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD)	24. Tubin	g Record			L					<u> </u>	1							
25. Producing Intervals Formation Top Bottom Perforated Interval Size No. Holes Perf. Status A) Delaware 6866 6990 - 7018 .42 57 Open Open C) Open 27. Acid, Fracture, Treatment, Cement Squeeze, etc. Depth Interval Acidize Delaware perfs w/ 2000 gal 90/10 7-1/2% acid with 140 ball sealers.			1 Set (MD) Packe	r Depth	(MD)	Size Depth Set		th Set (MD)	(MD) Packer Depth ((MD) Size			Depth	Set (MD)	Packer Depth (MI)
Formation Top Bottom Perforated Interval Size No. Holes Perf. Status A) Delaware 6866 6990 - 7018 .42 57 Open B) Delaware 6866 7056 - 7076 .42 41 Open C) Open C7. Acid, Fracture, Treatment, Cement Squeeze, etc. Depth Interval Amount and Type of Material 6990 - 7076 Acidize Delaware perfs w/ 2000 gal 90/10 7-1/2% acid with 140 ball sealers.			-1-	non	e		26 P.		D. C	Perforation Record								_
A) Delaware 6866 6990 - 7018 .42 57 Open B) Delaware 6866 7056 - 7076 .42 41 Open C)	25. Produ	<u> </u>		—т	Ton	1	Bottom	26.			T S	ize	T No	Hol	es	p	erf Status	
27. Acid, Fracture, Treatment, Cement Squeeze, etc. Depth Interval Amount and Type of Material 6990 - 7076 Acidize Delaware perfs w/ 2000 gal 90/10 7-1/2% acid with 140 ball sealers.	A) Dela				- _			699	6990 - 7018		.42							
27. Acid, Fracture, Treatment, Cement Squeeze, etc. Depth Interval Amount and Type of Material 6990 - 7076 Acidize Delaware perfs w/ 2000 gal 90/10 7-1/2% acid with 140 ball sealers.		ware			6866		7056 - 7076				.42	.42 41				Ореп		_
27. Acid, Fracture, Treatment, Cement Squeeze, etc. Depth Interval Amount and Type of Material 6990 - 7076 Acidize Delaware perfs w/ 2000 gal 90/10 7-1/2% acid with 140 ball sealers.																		
6990 - 7076 Acidize Delaware perfs w/ 2000 gal 90/10 7-1/2% acid with 140 ball sealers.		Fracture, Ti	reatment,	Cement S	Squeeze,	etc.						_						
			val															
4000 7074 From Delevious weeks and 22 500 cells V limbert and and 00 0004 14/20 044 and 0 22 0004 14/20 and 1															0004 1	C120		
6990 - 7076 Frac Delaware perfs w/ 32,500 gals X-linked gel w/ 88,000# 16/30 Ottawa & 32,000# 16/30 resin coated sand	0990 - /	0/0			Frac D	eiawai	re peris w/	32,500 ga	is A-miked	ger w/	58,000# 16/	30 (Jitawa (St 32,	000# 1	0/30 resin	coated sand	
																		_
28. Production - Interval A Date First Test Hours Test Oil Gas Water Oil Gravity Gas Production Method				Test	l Oi	г —	Gas	Water	Oil Grav	vitu	Gas	_	Productic	n Me	hod			-
Produced Date Tested Production BBL MCF BBL Corr. API Gravity	Produced	Date	Tested		tion BI	3L	MCF	BBL	Corr. Al	ei'								
17/01/2005 07/09/2005 24				24.1/2							Well Status		PUMP	ING	-AC	CEPT	ED FOR RE	こしし ドレ
Choke Tog. Press. Csg. Press. Size Flwg. Press. Si Csg. 24 Hr. Rate BBL MCF BBL Ratio 4167 PRODUCING	Size Flwg. Press. Ra			ומם				Ratio	Ratio				UCINO	;				
28a. Production - Interval B								1.07								ΔΙΙ	G 1 2 200	5
Date First Test Hours Test Oil Gas Water Oil Gravity Corr. API Gravity Gravity Gravity				Product	ion BE				Oil Grav Corr. AF	ity I	Gas Gravity		Production	n Met	hod	1		
Choke Tbg. Press. Csg. Csg. Rate BBL MCF BBL Ratio Well Status PETROLEUM ENGINEER				24 Hr.	Oi	I BL		Water BBL			Well Status	1			-	PETRO	ES BABYAK DLEUM ENGI	NEER

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*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C												
Date First Test Produced Date		Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status				
28c. Production - Interval D												
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method			
Choke Size Tbg. Press. Csg. Press. SI Press. Rate BI					Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	Well Status			
29. Disposition of Gas (Sold, used for fuel, vented, etc.)												
SOLD												
30. Summary of Porous Zones (Include Aquifers): 31. Formation (Log) Markers												
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 shut-in pressures and recoveries.												
Forn	nation	Тор	Bottom		Descr	iptions, Conte	nts, etc.			Top as. Depth		
DELAWARE 3370												
LOWER BRUSHY CANYON 6866												
BONE SI	PRING	7120										
BONE SPRING 7120												
32. Additional remarks (include plugging procedure):												
23 Indicate which items have been the about a calcular the appropriate house.												
33. Indicate which itmes have been attached by placing a check in the appropriate boxes: ☑ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey												
			ng and ceme			re Analysis			TTON SURVEY			
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*												
Name (please print) Phyllis A. Edwards Title Regulatory Analyst									-			
Signature Signature 18/05/2005												
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, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.