Form 3160-5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

OUNDRY NOTICES AND DEPORTS ON WELLS	NMLC029342E 6. If Indian, Allottee or Tribe Name			
SUNDRY NOTICES AND REPORTS ON WELLS				
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.	o. It findan, Another of Hipe Plante			
SUBMIT IN TRIPLICATE- Other instructions on reverse side.	7. If Unit or CA/Agreement, Name and/or No. 8. Well Name and No. Thunder Road Federal 9. API Well No. 10. Field and Pool, or Exploratory Area			
. Type of Well □ □ □ Gas Well □□ □ Other				
Name of Operator COG Operating LLC				
Address 3b. Phone No. (include area code) 432-685-7443				
Location of Well (Footage, Sec., T., R., M., or Survey Description)	Loco Hills; Glorieta-Yeso			
Sec 20, T17S, R30E	11. County or Parish, State			
	Eddy , NM			
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE,	REPORT, OR OTHER DATA			
TYPE OF SUBMISSION TYPE OF ACTION				
	(Start/Resume) Water Shut-Off			
Tracture Treat Rectariation				
Subsequent Report				
Final Abandonment Notice Convert to Injection Plug Back Water Dispo	· · · · · · · · · · · · · · · · · · ·			
3. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured an Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Re following completion of the involved operations. If the operation results in a multiple completion or recomplete testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including red determined that the site is ready for final inspection.)	nd true vertical depths of all pertinent markers and zones. equired subsequent reports shall be filed within 30 days tion in a new interval, a Form 3160-4 shall be filed once			
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured an Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Re following completion of the involved operations. If the operation results in a multiple completion or recomplet testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including red determined that the site is ready for final inspection.) As required by 43 CFR 3100.0-5(a) and 43 CFR 3162.3 we are notifying you of a change of operating LLC, as new operator, accepts all applicable terms, conditions, stipulations an	nd true vertical depths of all pertinent markers and zones. equired subsequent reports shall be filed within 30 days iton in a new interval, a Form 3160-4 shall be filed once clamation, have been completed, and the operator has rator on the above referenced lease.			
Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Re following completion of the involved operations. If the operation results in a multiple completion or recomplet testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including redetermined that the site is ready for final inspection.) As required by 43 CFR 3100.0-5(a) and 43 CFR 3162.3 we are notifying you of a change of operation.	and true vertical depths of all pertinent markers and zones. Equired subsequent reports shall be filed within 30 days it in a new interval, a Form 3160-4 shall be filed once clamation, have been completed, and the operator has rator on the above referenced lease. In the conducted is a second conducted in the conducted in the conducted is a second conducted in the conducted in the conducted is a second conducted in the conducted in the conducted is a second conducted in the conducted in the conducted is a second conducted in the conducted in th			
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured an Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Re following completion of the involved operations. If the operation results in a multiple completion or recomplet testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including redetermined that the site is ready for final inspection.) As required by 43 CFR 3100.0-5(a) and 43 CFR 3162.3 we are notifying you of a change of operating LLC, as new operator, accepts all applicable terms, conditions, stipulations an on the lease or portion of lease described. COG Operating LLC meets federal bonding requirements as follows (43 CFR 3104):	nd true vertical depths of all pertinent markers and zones. equired subsequent reports shall be filed within 30 days iton in a new interval, a Form 3160-4 shall be filed once clamation, have been completed, and the operator has rator on the above referenced lease.			
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured an Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Re following completion of the involved operations. If the operation results in a multiple completion or recomplet testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including redetermined that the site is ready for final inspection.) As required by 43 CFR 3100.0-5(a) and 43 CFR 3162.3 we are notifying you of a change of operating LLC, as new operator, accepts all applicable terms, conditions, stipulations an on the lease or portion of lease described. COG Operating LLC meets federal bonding requirements as follows (43 CFR 3104): Bond Coverage: Individually Bonded	and true vertical depths of all pertinent markers and zones. Equired subsequent reports shall be filed within 30 days it in a new interval, a Form 3160-4 shall be filed once clamation, have been completed, and the operator has rator on the above referenced lease. In the conducted is a second conducted in the conducted in the conducted is a second conducted in the conducted in the conducted is a second conducted in the conducted in the conducted is a second conducted in the conducted in the conducted is a second conducted in the conducted in th			
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured an Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Re following completion of the involved operations. If the operation results in a multiple completion or recomplet testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including recetermined that the site is ready for final inspection.) As required by 43 CFR 3100.0-5(a) and 43 CFR 3162.3 we are notifying you of a change of operating LLC, as new operator, accepts all applicable terms, conditions, stipulations and on the lease or portion of lease described. COG Operating LLC meets federal bonding requirements as follows (43 CFR 3104): Bond Coverage: Individually Bonded BLM Bond File No.: B001039 The effective date of the change: October 1, 2010	ad true vertical depths of all pertinent markers and zones. Equired subsequent reports shall be filed within 30 days iton in a new interval, a Form 3160-4 shall be filed once clamation, have been completed, and the operator has rator on the above referenced lease. In restrictions concerning operations conducted			
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured an Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Re following completion of the involved operations. If the operation results in a multiple completion or recomplet testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including red determined that the site is ready for final inspection.) As required by 43 CFR 3100.0-5(a) and 43 CFR 3162.3 we are notifying you of a change of open COG Operating LLC, as new operator, accepts all applicable terms, conditions, stipulations an on the lease or portion of lease described. COG Operating LLC meets federal bonding requirements as follows (43 CFR 3104): Bond Coverage: Individually Bonded BLM Bond File No.: B001039	and true vertical depths of all pertinent markers and zones. Equired subsequent reports shall be filed within 30 days it in a new interval, a Form 3160-4 shall be filed once clamation, have been completed, and the operator has rator on the above referenced lease. In the conducted is a second conducted in the conducted in the conducted is a second conducted in the conducted in the conducted is a second conducted in the conducted in the conducted is a second conducted in the conducted in the conducted is a second conducted in the conducted in th			
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured an Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Re following completion of the involved operations. If the operation results in a multiple completion or recomplete testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including redetermined that the site is ready for final inspection.) As required by 43 CFR 3100.0-5(a) and 43 CFR 3162.3 we are notifying you of a change of operating LLC, as new operator, accepts all applicable terms, conditions, stipulations and on the lease or portion of lease described. COG Operating LLC meets federal bonding requirements as follows (43 CFR 3104): Bond Coverage: Individually Bonded BLM Bond File No.: B001039 The effective date of the change: October 1, 2010	and true vertical depths of all pertinent markers and zones. Equired subsequent reports shall be filed within 30 days it in a new interval, a Form 3160-4 shall be filed once clamation, have been completed, and the operator has a rator on the above referenced lease. In the restrictions concerning operations conducted a restriction of the subsequence of			
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured an Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Re following completion of the involved operations. If the operation results in a multiple completion or recomplete testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including redetermined that the site is ready for final inspection.) As required by 43 CFR 3100.0-5(a) and 43 CFR 3162.3 we are notifying you of a change of operation of LLC, as new operator, accepts all applicable terms, conditions, stipulations and on the lease or portion of lease described. COG Operating LLC meets federal bonding requirements as follows (43 CFR 3104): Bond Coverage: Individually Bonded BLM Bond File No.: B001039 The effective date of the change: October 1, 2010 Previous Owner: Marbob Energy Corp. See Attached	and true vertical depths of all pertinent markers and zones. Equired subsequent reports shall be filed within 30 days it in a new interval, a Form 3160-4 shall be filed once clamation, have been completed, and the operator has a rator on the above referenced lease. In the restrictions concerning operations conducted a restriction of the subsequence of			
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured an Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Re following completion of the involved operations. If the operation results in a multiple completion or recomplet testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including red determined that the site is ready for final inspection.) As required by 43 CFR 3100.0-5(a) and 43 CFR 3162.3 we are notifying you of a change of open COG Operating LLC, as new operator, accepts all applicable terms, conditions, stipulations an on the lease or portion of lease described. COG Operating LLC meets federal bonding requirements as follows (43 CFR 3104): Bond Coverage: Individually Bonded BLM Bond File No.: B001039 The effective date of the change: October 1, 2010 Previous Owner: Marbob Energy Corp. See Attached I hereby certify that the foregoing is true and correct Name (Printed/Typed)	and true vertical depths of all pertinent markers and zones. Equired subsequent reports shall be filed within 30 days it in a new interval, a Form 3160-4 shall be filed once clamation, have been completed, and the operator has rator on the above referenced lease. Indeed restrictions concerning operations conducted and restrictions concerning operations conducted are strictly as a series of the content of th			
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured an Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Re following completion of the involved operations. If the operation results in a multiple completion or recomplete testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including redetermined that the site is ready for final inspection.) As required by 43 CFR 3100.0-5(a) and 43 CFR 3162.3 we are notifying you of a change of operation of the lease or portion of lease described. COG Operating LLC, as new operator, accepts all applicable terms, conditions, stipulations and on the lease or portion of lease described. COG Operating LLC meets federal bonding requirements as follows (43 CFR 3104): Bond Coverage: Individually Bonded BLM Bond File No.: B001039 The effective date of the change: October 1, 2010 Previous Owner: Marbob Energy Corp. See Attached Title Production Report	and true vertical depths of all pertinent markers and zones. Equired subsequent reports shall be filed within 30 days iton in a new interval, a Form 3160-4 shall be filed once clamation, have been completed, and the operator has rator on the above referenced lease. Indeed restrictions concerning operations conducted and restrictions concerning operations conducted are strictly as a second concerning operation of the above referenced lease.			
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured an Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Re following completion of the involved operations. If the operation results in a multiple completion or recomplete testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including red determined that the site is ready for final inspection.) As required by 43 CFR 3100.0-5(a) and 43 CFR 3162.3 we are notifying you of a change of operation of the lease or portion of lease described. COG Operating LLC, as new operator, accepts all applicable terms, conditions, stipulations and on the lease or portion of lease described. COG Operating LLC meets federal bonding requirements as follows (43 CFR 3104): Bond Coverage: Individually Bonded BLM Bond File No.: B001039 The effective date of the change: October 1, 2010 Previous Owner: Marbob Energy Corp. See Attached I hereby certify that the foregoing is true and correct Name (Printed/Typed)	and true vertical depths of all pertinent markers and zones. Equired subsequent reports shall be filed within 30 days it in a new interval, a Form 3160-4 shall be filed once clamation, have been completed, and the operator has rator on the above referenced lease. Indeed the restrictions concerning operations conducted the state of the state			
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured an Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Re following completion of the involved operations. If the operation results in a multiple completion or recomplete testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including redetermined that the site is ready for final inspection.) As required by 43 CFR 3100.0-5(a) and 43 CFR 3162.3 we are notifying you of a change of operating LLC, as new operator, accepts all applicable terms, conditions, stipulations an on the lease or portion of lease described. COG Operating LLC meets federal bonding requirements as follows (43 CFR 3104): Bond Coverage: Individually Bonded BLM Bond File No.: B001039 The effective date of the change: October 1, 2010 Previous Owner: Marbob Energy Corp. See Attached I hereby certify that the foregoing is true and correct Name (Printed/Typed) Diane Kuykendall Title Production Report	ad true vertical depths of all pertinent markers and zones. Equired subsequent reports shall be filed within 30 days iton in a new interval, a Form 3160-4 shall be filed once clamation, have been completed, and the operator has rator on the above referenced lease. Indeed the restrictions concerning operations conducted the second secon			
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured an Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Re following completion of the involved operations. If the operation results in a multiple completion or recomplete testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including redetermined that the site is ready for final inspection.) As required by 43 CFR 3100.0-5(a) and 43 CFR 3162.3 we are notifying you of a change of operating LLC, as new operator, accepts all applicable terms, conditions, stipulations and on the lease or portion of lease described. COG Operating LLC meets federal bonding requirements as follows (43 CFR 3104): Bond Coverage: Individually Bonded BLM Bond File No.: B001039 The effective date of the change: October 1, 2010 Previous Owner: Marbob Energy Corp. See Attached I hereby certify that the foregoing is true and correct Name (Printed/Typed) Diane Kuykendall Title Production Report	ad true vertical depths of all pertinent markers and zones. Equired subsequent reports shall be filed within 30 days iton in a new interval, a Form 3160-4 shall be filed once clamation, have been completed, and the operator has rator on the above referenced lease. Indeed the restrictions concerning operations conducted the second secon			

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 Un States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)



From Operator MARBOB ENERGY CORP OGRID 014049 To Operator COG OPERATING LLC OGRID 229137

Wells Selected for Transfer Permit Status: DRAFT

THUNDER ROAD FEDERAL #008	THUNDER ROAD FEDERAL #007	THUNDER ROAD FEDERAL #006	THUNDER ROAD FEDERAL #005	THUNDER ROAD FEDERAL #004	THUNDER ROAD FEDERAL #003	THUNDER ROAD FEDERAL #002	22057 THUNDER ROAD FEDERAL #001	Property Well Name	
711	TI	Ŧì	т	TI	71	77	711	Туре	Lease
G-20-17S-30E	B-20-17S-30E	B-20-17S-30E	G-20-17S-30E	B-20-17S-30E	B-20-17S-30E	G-20-17S-30E	G-20-17S-30E	ULSTR	
ဝ	В	В	G	В	8	G	၀	Unit	OCD
30-015-36280	30-015-36417	30-015-32330	30-015-32384	30-015-29952	30-015-29912	30-015-29911	30-015-29910	API	
ഗ	മ	G	၈	വ	മ	മ	വ	Туре	Well
96718	96718	96718	96718	96718	96718	96718	96718	Pool ID	
LOCO HILLS; GLORIETA-YESO	Pool Name								

i