

District I
1625 N. French Dr., Hobbs, NM 88240
District II.
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources



Form C-101
May 27, 2004

Oil Conservation Division **AUG - 5 2008** Submit to appropriate District Office
1220 South St. Francis **OCD-ARTESIA**
Santa Fe, NM 87505 AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address COG OPERATING LLC 550 W. Texas, Suite 1300 Midland, TX 79701		² OGRID Number 299137	
³ Property Code 36623		³ API Number 30 -015-35813	
Property Name Dasher 16 State		Well No. 2	
⁹ Proposed Pool 1 Henshaw; Grayburg SA 30620		¹⁰ Proposed Pool 2	

⁷ Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	16	16S	30E		1865	North	730	West	Eddy

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Additional Well Information

¹¹ Work Type Code NW	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3808
¹⁶ Multiple N	¹⁷ Proposed Depth	¹⁸ Formation Grayburg SA	¹⁹ Contractor	²⁰ Spud Date
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> __mils thick Clay <input type="checkbox"/> Pit Volume. __bbls Drilling Method:				
Closed-Loon System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
11	8.625	32	450	350	Surface
7-7/8	5.5	15.5	3500	450	Surface

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

This location is presently permitted to the Henshaw; Wolfcamp 30630 - TD of 7900'

COG respectfully requests permission to drill this location to the Henshaw; Grayburg SA 30620 TD 3500'.

COG proposes to drill 11" hole to 450 w/fresh water mud system, wt 8.5, vis 28, set 8-5/8" casing & cement to surface. Drill 7-7/8" hole to 3500' w/brine mud system, wt 10, vis 30, set 5-1/2" casing & cement to surface. Note: On production string, a caliper will be run & COG will attempt to circulate.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .

OIL CONSERVATION DIVISION

Approved by: <i>Jim W. Green</i>	Title: <i>District II Supervisor</i>	
Approval Date: <i>8/17/08</i>	Expiration Date: <i>8/16/10</i>	
Conditions of Approval Attached <input type="checkbox"/>		

Printed name: <i>Phyllis A. Edwards</i>	Title: Phyllis A. Edwards, Regulatory Analyst
E-mail Address: <i>pedwards@conchresources.com</i>	
Date: 8/4/08	Phone: 432-685-4340

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State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-35813	Pool Code 30620	Pool Name HENSHAW; GRAYBURG SA
Property Code 36623	Property Name DASHER "16" STATE	Well Number 2
OGRID No. 229137	Operator Name C.O.G. OPERATING L.L.C.	Elevation 3808'

Surface Location

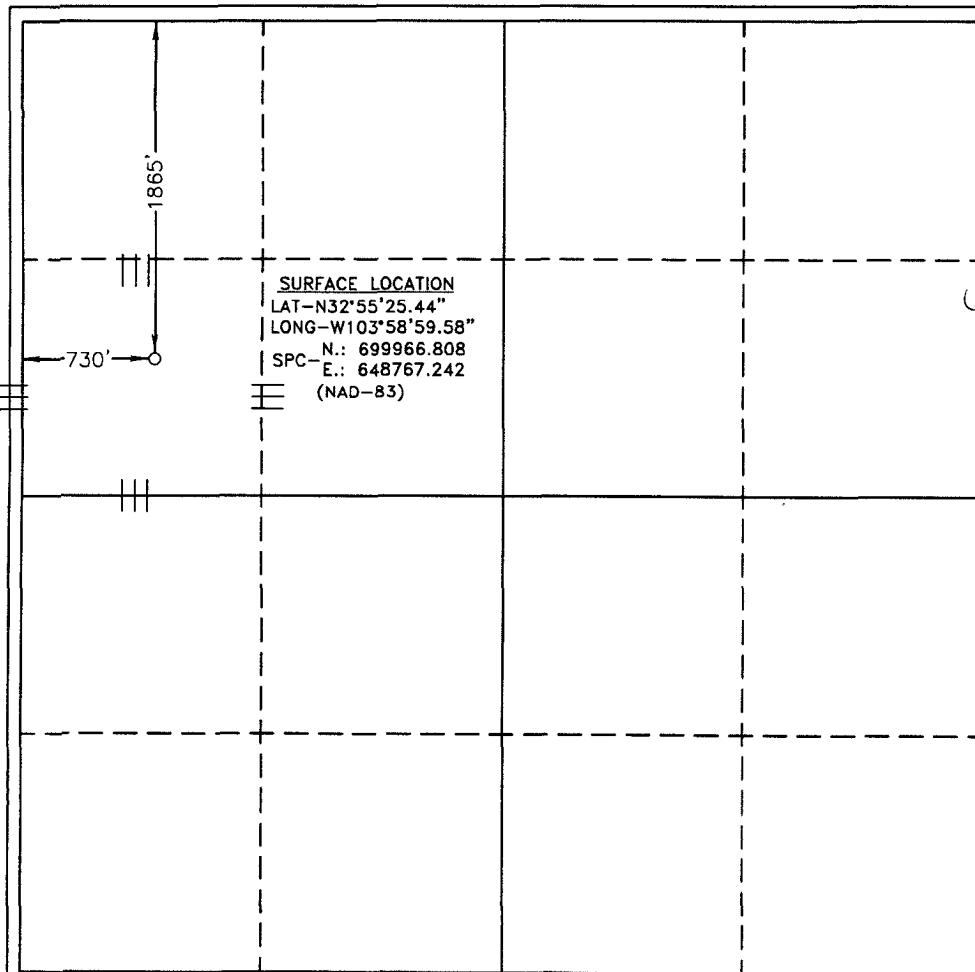
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	16	16 S	30 E		1865	NORTH	730	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Phyllis A. Edwards 8-4-08
Signature Date

Phyllis A. Edwards
Printed Name Regulatory Analyst

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

SEPTEMBER 4, 2007
Date Surveyed

Gary L. Jones
Signature & Seal
Professional Surveyor
7977

530

Certificate No. Gary L. Jones 7977

BASIN SURVEYS