

ABOVE THIS LINE FOR DIVISION USE ONLY

RECEIVED

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



30-015-36538
Reindeer 21 Fed #3
COG 299137

2009 JUN 9 PM 2:55

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR
- [D] Other: Specify _____
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply
- [A] Working, Royalty or Overriding Royalty Interest Owners INTERESTS ARE COMMON.
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached
- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**
- [4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

PHYLLIS A. EDWARDS
Print or Type Name

Phyllis A. Edwards
Signature

REGULATORY ANALYST
Title

6-9-09
Date

pcdwards@conchoresources.com
e-mail Address

19-15-12-10-B NMOC

Ezeanyim, Richard, EMNRD

From: Phyllis Edwards [PEdwards@conchoresources.com]
Sent: Wednesday, June 17, 2009 10:17 AM
To: Ezeanyim, Richard, EMNRD
Subject: FW: Reindeer 21 Federal 1 & 3

Dear Richard,

Production based on well test 6-15-09 is listed below for both wells.

Reindeer 21 Federal 1
API # 30-015-33746
TD 11,699 MD
TD 9695 TVD
60 BOPD
157 MCFPD
0 BWPD
GOR 2617

Reindeer 21 Federal 3
TD 10,600 MD
TD 6780 TVD
API # 30-015-36538
568 BOPD
972 MCFPD
38 BWPD
GOR 1711

Thanks for your help !!!

Phyllis Edwards
Regulatory Analyst



COG Operating LLC

Fasken Tower II

550 W. Texas Avenue, Suite 1300

Midland, TX 79701

432-685-4340 P

432-685-4396 F

pedwards@conchoresources.com



June 8, 2009

RECEIVED

2009 JUN 9 PM 1 23

New Mexico Oil Conservation Division
Surface Commingling
Attn: Will Jones
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: Request Surface Commingling for:

Reindeer 21 Federal #1
Eddy Co., NM
API #: 30-015-33746
SHL: 660' FSL & 1980' FWL Sec 21, T16S, R28E, Unit N
BHL: 663' FSL & 300' FWL Sec 21, T16S, R28E, Unit P
Completed in the Crow Flats; Wolfcamp 97102

Reindeer 21 Federal #3
Eddy Co., NM
API #: 30-015-36538
SHL: 1980' FNL & 430' FWL Sec 21, T16S, R28E, Unit E
BHL: 2025' FNL & 562' FEL Sec 21, T16S, R28E, Unit H
Completed in the Crow Flats; Abo 97691

Dear Mr. Jones:

Attached are documents requested by the Santa Fe Oil Conservation Commission in order for you to review and hopefully approve surface commingling for the two locations listed above. COG would appreciate an expedited approval of this request, if possible.

- C-103
- Approved 3160-05
- Certified statement by COG landman stating that ownership is common in both pools
- Schematic showing CDP point
- C-102's

Please contact me if you have questions, and thank you for your attention to this matter.

Sincerely,

COG Operating LLC

Phyllis A. Edwards
Regulatory Analyst
432-685-4340 Phone
432-685-4396 Fax
pedwards@conchoresources.com

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.

5. Lease Serial No.
NMNM100844

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
REINDEER 21 FEDERAL 3

2. Name of Operator
COG OPERATING LLC

Contact: PHYLLIS A EDWARDS
E-Mail: pedwards@conchoresources.com

9. API Well No.
30-015-36538-00-S1

3a. Address
550 W TEXAS, STE 1300 FASKEN TOWER II
MIDLAND, TX 79701

3b. Phone No. (include area code)
Ph: 432-685-4340

10. Field and Pool, or Exploratory
CROW FLATS

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 21 T16S R28E SWNW 1980FNL 430FWL

11. County or Parish, and State
EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Surface Commingling
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BHL: 2025 FNL & 562 FEL Section 21, T16S, R28E, UL H
This well was completed in the Crow Flats; Abo.

Production from the Reindeer 21 Federal #3 will be routed to the

Reindeer 21 Federal #1 tank battery.

Eddy County, NM

API #: 30-015-33746

SHL 660' FSL & 1980 FWL Section 21, T16S, R28E, UL N

BHL 663' FSL & 300' FWL Section 21, T16S, R28E, UL P

The Reindeer 21 Federal #1 well was completed in the Crow Flats; Wolfcamp.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #70233 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 05/27/2009 (09KMS1461SE)**

Name (Printed/Typed) PHYLLIS A EDWARDS	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 05/26/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>JAMES A AMOS</u>	Title <u>SUPERVISOR EPS</u>	Date <u>06/06/2009</u>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office <u>Carlsbad</u>

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #70233 that would not fit on the form

32. Additional remarks, continued

COG Operating LLC respectfully requests permission to surface commingle production from the Reindeer 21 Federal #1 with the Reindeer 21 Federal #3.

Interests are common.

Affidavit of Fact

STATE OF TEXAS §

COUNTY OF MIDLAND §

Affiant on oath swears that the following statements are true:

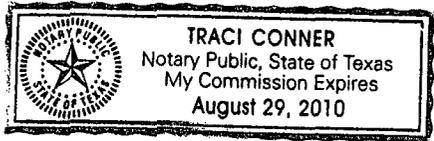
My name is Jan Preston Spradlin. I am Senior Landman for COG Operating LLC. I am familiar with the ownership of the Reindeer 21 Federal No. 1 (API 30-015-33746), Reindeer 21 Federal No. 2 (API 30-015-535897), Reindeer 21 Federal No. 3 (API 30-015-536538) and Reindeer Federal No. 4 (API 30-015-536542), all of which are situated in Section 21, Township 16 South, Range 28 East, Eddy County, New Mexico. I hereby confirm that the working interests and royalty interests in these wells are common.

Affiant



Jan Preston Spradlin

SUBSCRIBED AND SWORN TO before me on the 26th day of May, 2009.



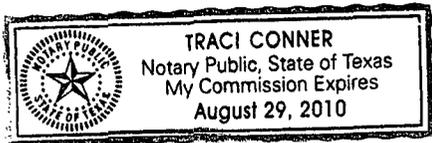


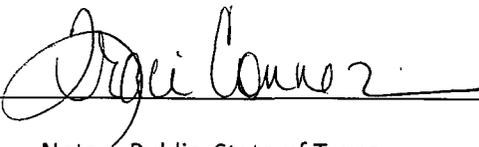
Notary Public, State of Texas

STATE OF TEXAS §

COUNTY OF MIDLAND §

This instrument was acknowledged before me on this 26th day of May, 2009, by Jan Preston Spradlin, Notary Public for the State of Texas.





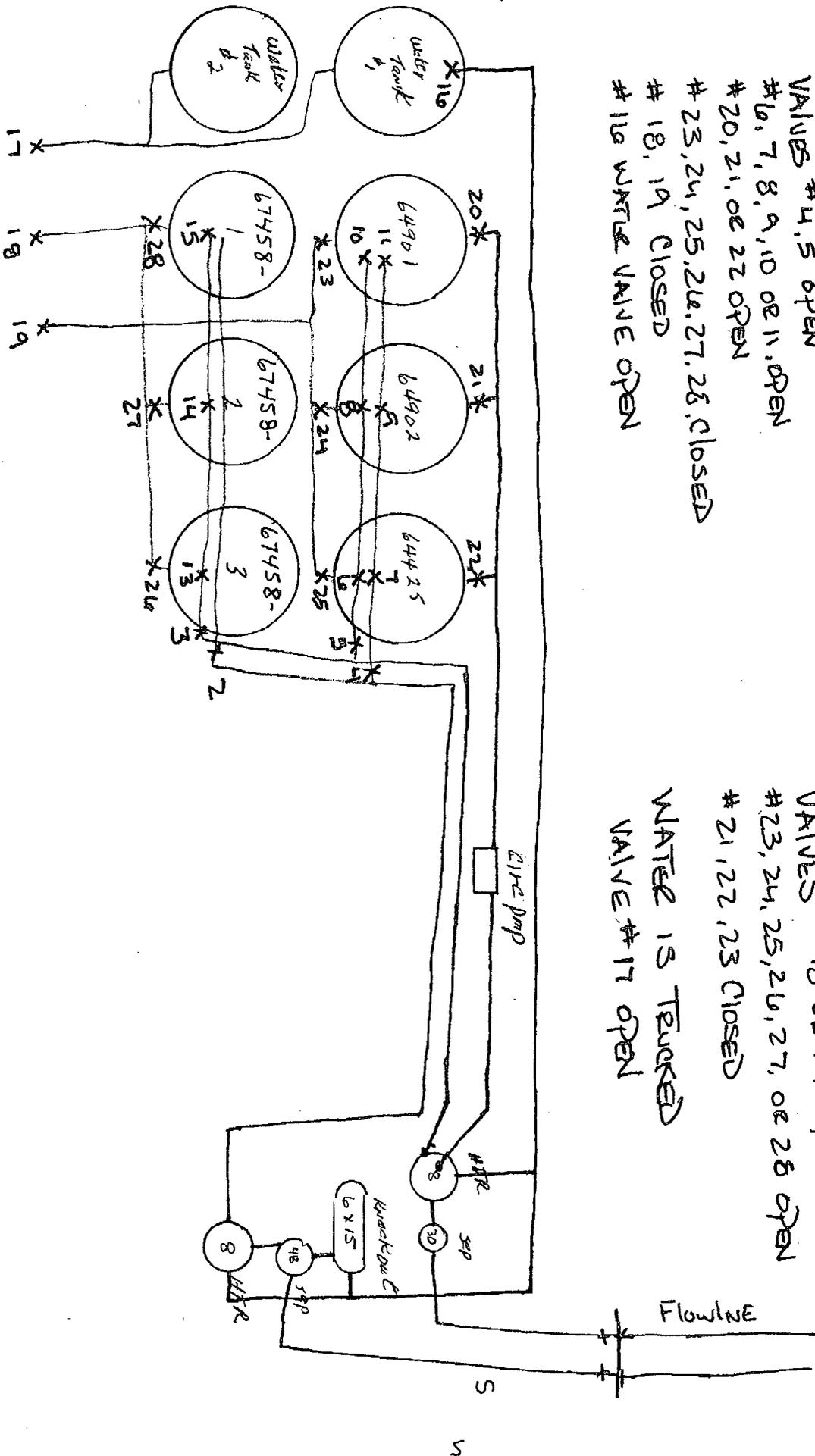
Notary Public, State of Texas

⊗
RENDERER #1 WELL

RENDERER 1-3 BTY SITE DIAGRAM

PRODUCTION PHASE
VALVES # 4, 5 OPEN
6, 7, 8, 9, 10 OR 11, OPEN
20, 21, OR 22 OPEN
23, 24, 25, 26, 27, 28, CLOSED
18, 19 CLOSED
116 WATER VALVE OPEN

SALES PHASE
VALVES # 15 OR 19 OPEN
23, 24, 25, 26, 27, OR 28 OPEN
21, 22, 23 CLOSED
WATER IS TRUCKED
VALVE # 17 OPEN



W

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III

1000 Eljo Brasos Rd., Artec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised JUNE 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-33746	Pool Code 97102	Pool Name Crow Flats;Wolfcamp
Property Code 302554	Property Name REINDEER FEDERAL	Well Number 1
OGRID No. 229137	Operator Name COG OPERATING LLC	Elevation 3589'

Surface Location

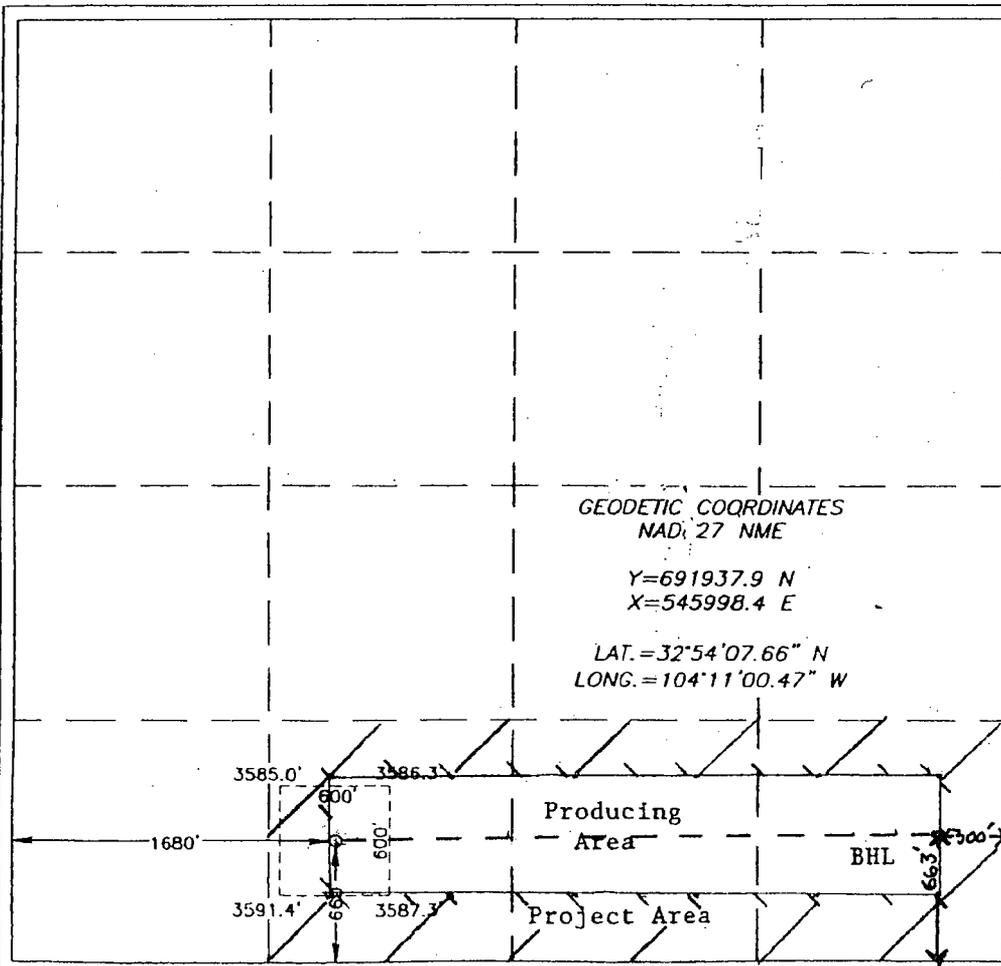
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	21	16-S	28-E		660	SOUTH	1680	WEST	EDDY

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
P	21	16S	28E		663	SOUTH	300	FEL	Eddy

Dedicated Acres 120	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 the the information contained herein is true and complete to the best of my knowledge and belief.

Phyllis A. Edwards
Signature
Phyllis A. Edwards
Printed Name
Regulatory Analyst
Title
1-15-07
Date

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.

OCTOBER 1, 2004
Date Surveyed
REV: 10/4/04
Signature of Gary Edson
Professional Surveyor
NEW MEXICO
GARY EDSON
04.11.216
12841
Certification No. GARY EDSON 12841

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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 30-015-36538	Pool Code 97691	Pool Name CROW FLATS: ABO
Property Code 36817	Property Name REINDEER "21" FEDERAL	Well Number 3
OGRID No. 229137	Operator Name C.O.G. OPERATING L.L.C.	Elevation 3587'

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	21	16 S	28 E		1980	NORTH	430	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
H	21	16 S	28 E		2025	NORTH	562	EAST	EDDY

Dedicated Acres 160	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

<p>SURFACE LOCATION LAT.: N 32°54'35.53" LONG.: W104°11'16.80" SPC- N.: 694775.633 E.: 585938.796 (NAD-83)</p> <p>BOTTOM HOLE LOCATION LAT.: N 32°54'35.80" LONG.: W104°10'24.46" SPC- N.: 694809.60 E.: 590400.45 (NAD-83)</p> <p>ABO PENETRATION POINT</p> <p>PRODUCING AREA</p> <p>PROJECT AREA</p> <p>BHL</p> <p>FEL</p>	<p>OPERATOR CERTIFICATION</p> <p>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 released 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.</p> <p><i>Phyllis A. Edwards</i> 3-16-09 Signature Date</p> <p>Phyllis A. Edwards Printed Name Regulatory Analyst</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>NOVEMBER 25, 2007</p> <p>Date Surveyed Signature of Gary L. Jones Professional Surveyor</p> <p><i>Gary L. Jones</i> Professional Surveyor</p> <p>W. J. Jones 10244</p> <p>Certificate No. Gary L. Jones 7977</p> <p>RASIN SURVEYS</p>