

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 229137

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

Signature

REGULATORY ANALYST  
Title

6-9-09  
Date

pcdwards@conchoresources.com  
e-mail Address

19-15-12-10-B NMOC

## Ezeanyim, Richard, EMNRD

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**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](mailto: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](mailto: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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Surface Commingling
	<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 recomple 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 recomple 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 JAMES A AMOS

Title SUPERVISOR EPS

Date 06/06/2009

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 Carlsbad

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:

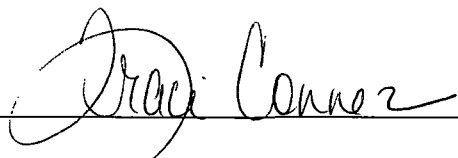
My name is Jan Preston Spradlin. I am Senior Landman for COG Operating LLC. I am familiar with the ownership of the Reindeer 21 Federal No. 1 (API 30-015-33746), Reindeer 21 Federal No. 2 (API 30-015-535897), Reindeer 21 Federal No. 3 (API 30-015-536538) and Reindeer Federal No. 4 (API 30-015-536542), 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 26<sup>th</sup> day of May, 2009.



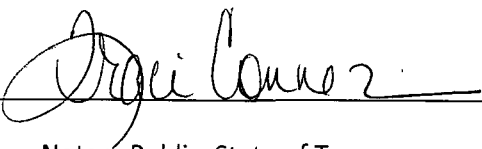
  
\_\_\_\_\_  
Notary Public, State of Texas

STATE OF TEXAS       §

COUNTY OF MIDLAND   §

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



  
\_\_\_\_\_  
Notary Public, State of Texas

⊗

REINDEER #1 WELL

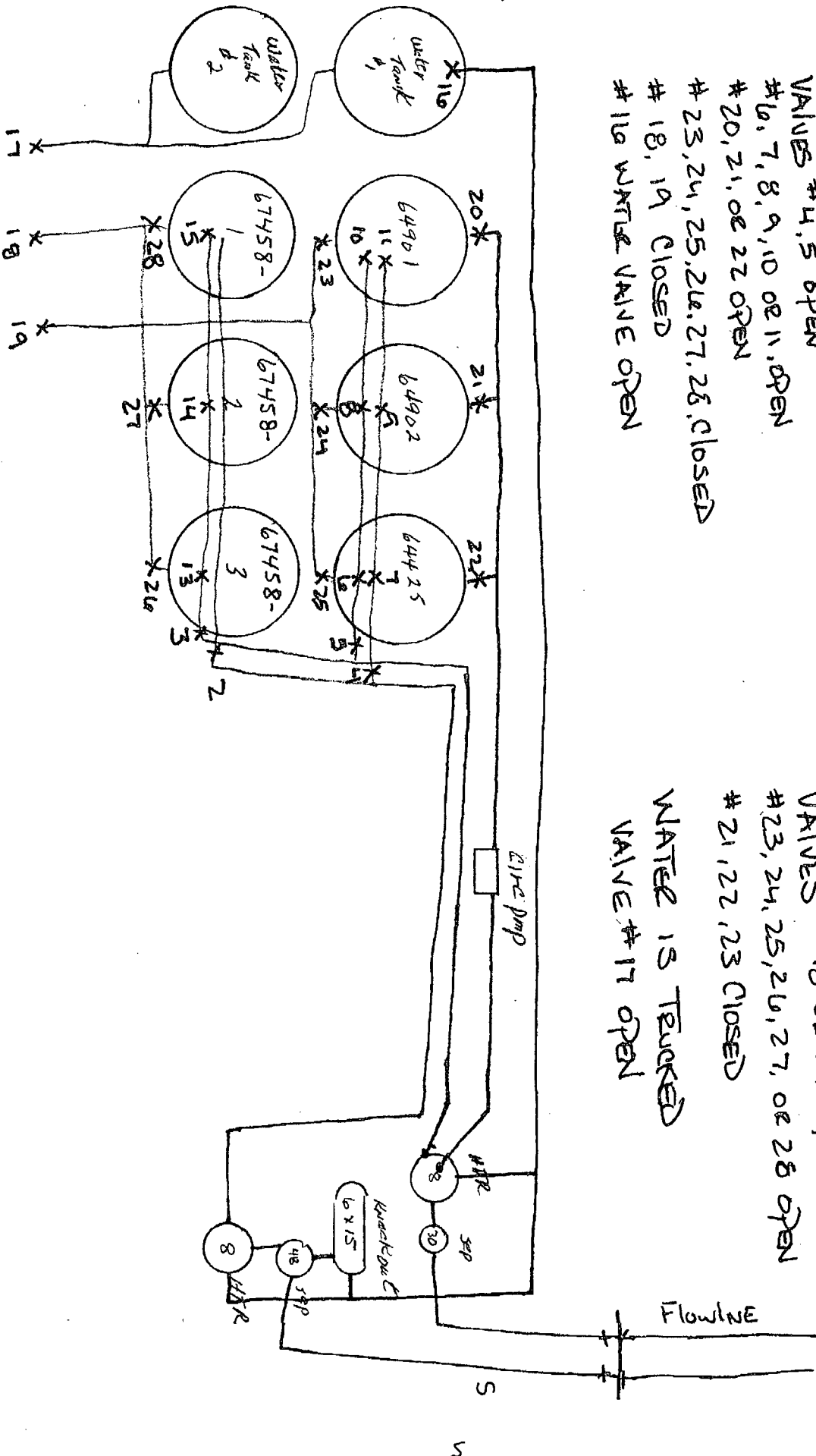
PRODUCTION PHASE

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

REINDEER 1-3 BTY SITE DIAGRAM

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



## State of New Mexico

## DISTRICT I

1625 N. FRENCH DR., BOBBS, NM 86240

Energy, Minerals and Natural Resources Department

## DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

## DISTRICT III

1000 Rio Brazos 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	Joint or Infill	Consolidation Code	Order No.
120			

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><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Phyllis A. Edwards</i> Signature</p> <p>Phyllis A. Edwards Printed Name</p> <p>Regulatory Analyst Title</p> <p>1-15-07 Date</p>
	<p><b>SURVEYOR CERTIFICATION</b></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>OCTOBER 1, 2004</p> <p>Date Surveyed: 10/4/04 Signature: GARY EDSON Professional Surveyor</p> <p>NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR No. GARY EDSON 12641</p>
	<p><b>GEODETIC COORDINATES</b> NAD 83 NME</p> <p>Y=691937.9 N X=545998.4 E</p> <p>LAT.=32°54'07.66" N LONG.=104°11'00.47" W</p>
	<p>3585.0'</p> <p>3586.3'</p> <p>3591.4'</p> <p>3587.3'</p> <p>1680'</p> <p>600'</p> <p>663'</p> <p>Producing Area</p> <p>Project Area</p> <p>BHL</p>



DISTRICT I  
1825 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

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

Form C-102  
Revised October 12, 2005

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

☐ 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

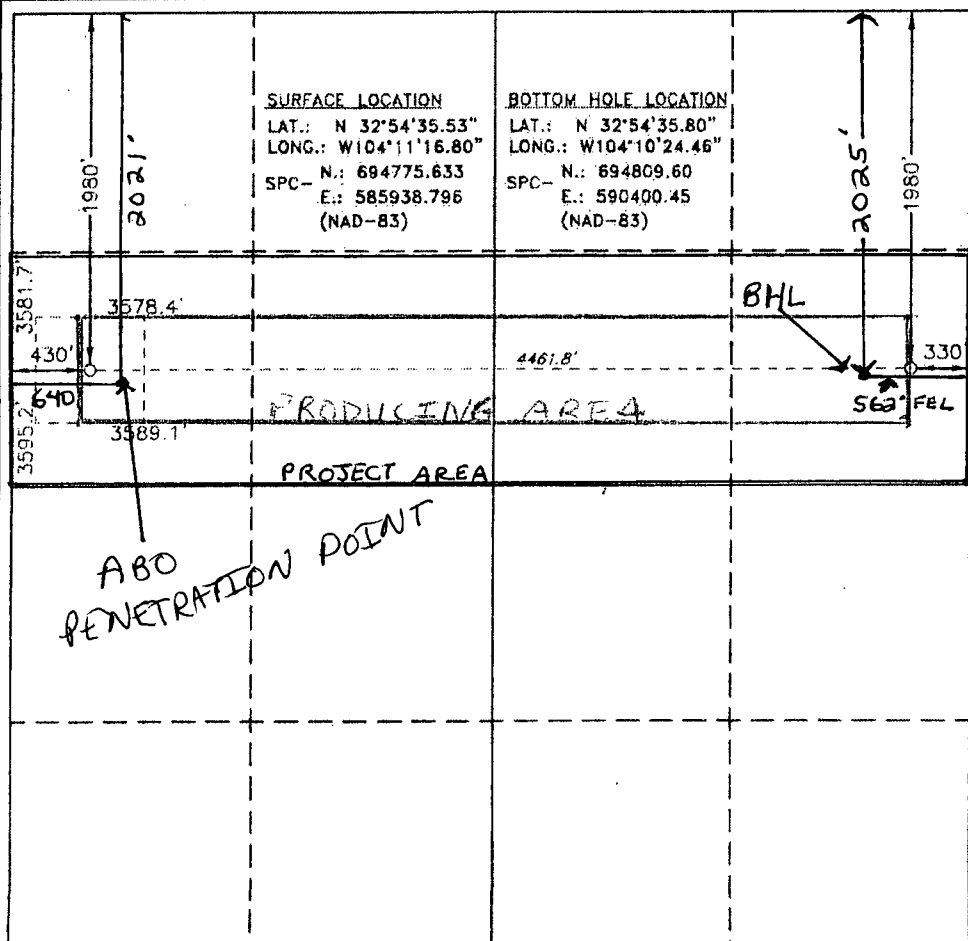
UL or lot No. E	Section 21	Township 16 S	Range 28 E	Lot Idn	Feet from the 1980	North/South line NORTH	Feet from the 430	East/West line WEST	County EDDY
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Bottom Hole Location If Different From Surface

UL or lot No. H	Section 21	Township 16 S	Range 28 E	Lot Idn	Feet from the 2025	North/South line NORTH	Feet from the 562	East/West line EAST	County EDDY
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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><b>OPERATOR CERTIFICATION</b></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 leased 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><b>SURVEYOR CERTIFICATION</b></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> W. 2025 10244</p> <p>Certificate No. Gary L. Jones 7977</p> <p>RASIN SURVEYS</p>
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