

GUIDELINES FOR PROCESSING APD FOR WELL IN POTASH AREA -- R-111-P

BLM approves federal wells in potash area so we do not have to worry about this.

STATE & FEE LEASES

Post to map and if within the potash area outlined on map or within 1 mile of that area do the following:

- 1) Make certain operator has filed a plat of the area showing the potash lessees for the area where the well is located as well as the 1-mile radius referred to.
- 2) Make certain operator has notified all of the potash lessees by certified mail of the APD. They must send copy of delivery notice to us since 20-day waiting period starts from delivery date.

- 3) Send letter to BLM and SLO advising them of this APD and request they advise if this location is within LMR or buffer zone.

BUFFER ZONE -- shallow well is 1/4 mile of LMR
-- deep well is 1/2 mile of LMR

- 4) If application is within LMR or buffer zone you must DENY it under R-111-P unless, there is a mutual agreement of lessor and lessees of oil & gas and potash interests. Copy of this agreement must be submitted with APD.

- 5) If application is outside LMR or buffer zone and no objection is received within 20 days from date of receipt by potash lessees of certified notice, the APD may be approved.

30-025-37992

CHECK LIST FOR PROCESSING APD IN POTASH AREA

OPERATOR: Cimarex Energy Co of Colorado

LEASE & WELL Laguna Deep Unit #12

LOCATION N-25-19s-33e, 990/3 & 1650/W PROPOSED DEPTH 11000

DATE APD RECEIVED 6/19/06 WAS PLAT OF AREA ATTACHED 7/7/06

WERE ALL POTASH LESSEES NOTIFIED BY CERTIFIED MAIL? _____

20-DAY WAITING PERIOD BEGINS _____ ENDS _____

WERE WAIVERS RECEIVED? _____

DATE SLO NOTIFIED 6/19/06 DATE REPLY RECEIVED 06/22/06

DATE BLM NOTIFIED 6/19/06 DATE REPLY RECEIVED 06/28/06

IS LOCATION INSIDE LMR OR BUFFER ZONE? YES _____ NO X

IF LOCATION INSIDE LMR OR BUFFER ZONE WAS LESSEE/LESSOR AGREEMENT FURNISHED _____

DATE APD APPROVED 7/10/06 DATE APD DENIED _____

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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
March 12, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒
Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: Cimarex Energy Co. of Colorado Telephone: 972-443-6489 e-mail address: zfarris@cimarex.com
Address: P.O. Box 140907, Irving, Tx 75014-0907
Facility or well name: Laguna Deep Unit No. 12 API #: 30-025-37992 U/L or Qtr/Qtr N Sec 25 T19S R33E
County: Lea Latitude 323735.46 N Longitude 1033709.96 W NAD: 1927 ☒ 1983 ☐ Surface Owner Federal ☐ State ☐ Private ☒ Indian ☐

Pit	Below-grade tank
Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Volume _____ _____ bbl Closed system Cuttings buried in lined burial cell.	Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet (20 points) <u>50 feet or more, but less than 100 feet</u> (10 points) 100 feet or more (0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes (20 points) <u>No</u> (0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet (20 points) 200 feet or more, but less than 1000 feet (10 points) <u>1000 feet or more</u> (0 points)
	Ranking Score (Total Points) 10

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: onsite ☐ offsite ☐ If offsite, name of facility _____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.
Date: 06-16-06

Printed Name/Title Zeno Farris Manager Operations Administration Signature Zeno Farris

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval: JUL 10 2006
Date: _____

Printed Name/Title _____ Signature [Signature]
PETROLEUM ENGINEER



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSONGovernor
Joanna Prukop
Cabinet SecretaryLori Wrotenberg
Director
Oil Conservation DivisionAtti Crigg Cranston
BUREAU OF LAND MANAGEMENT
P O Box 1778
Carlsbad, NM 88221STATE LAND OFFICE
ATT: Joe Mraz
P O Box 1148
Santa Fe, NM 87504

RE: APPLICATION FOR PERMIT TO DRILL IN POTASH AREA

OPERATOR Gimarex Energy Co of ColoradoLEASE NAME Laguna Deep Unit #12PROPOSED LOCATION N. 25-19s-33e, 990/5 & 1650/10PROPOSED DEPTH 11000'

Gentlemen:

The application for permit to drill identified above has been filled with this office of the New Mexico Oil Conservation Division. Pursuant to the provisions of Oil Conservation Division Order R - 111 - P, please advise this office whether the location is within an established Life-of-Mine-Reserve area filed with and approved by your office. If not, please advise whether it is within the buffer zone established by the order.

Thank you for your assistance. Please return as soon as possible.

Very truly yours,

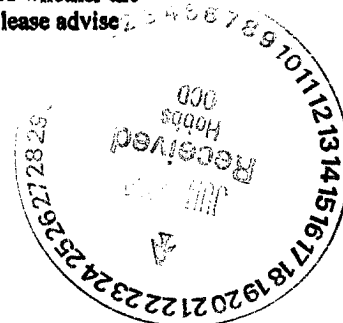
OIL CONSERVATION DIVISION

Chris Williams
Supervisor, District I**RESPONSE:**

The above-referenced location is in LMR -----Yes

No X

The above-referenced location is within the buffer zone -----Yes

No XSigned [Signature]Date 6/20/06Representing SLU6-20-06
Jm
6:40am



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

Att: Crigg Cranston
BUREAU OF LAND MANAGEMENT
P O Box 1778
Carlsbad, NM 88221

STATE LAND OFFICE
ATT: Joc Mraz
P O Box 1148
Santa Fe, NM 87504

RE: APPLICATION FOR PERMIT TO DRILL IN POTASH AREA

OPERATOR *Cimarex Energy Co of Colorado*LEASE NAME *Laguna Deep Unit #12*PROPOSED LOCATION *N. 25-19s. 33e, 990/5 & 1650/10*PROPOSED DEPTH *11000'*

Gentlemen:

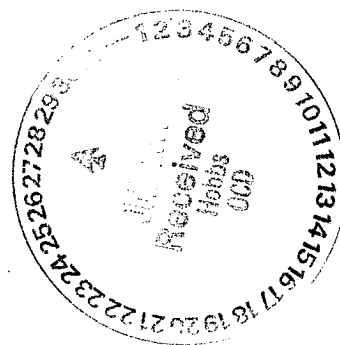
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Thank you for your assistance. Please return as soon as possible.

Very truly yours,

OIL CONSERVATION DIVISION

Chris Williams
Supervisor, District I

**RESPONSE:**

The above-referenced location is in LMR _____ Yes _____

No ***

The above-referenced location is within the buffer zone _____ Yes _____

No ***Signed *[Signature]*Date *6-26-06*Representing *BLM*

5215 N. O'Connor Blvd.
Suite 1500
Irving, TX 75039
972-401-3111
972-443-6486

Cimarex Energy Co. of Colorado

July 6, 2006

New Mexico Energy Mineral & Natural Resources Dept.
Oil Conservation Division
1625 French Drive
Hobbs, NM 88240
Attn: Ms. Donna Mull



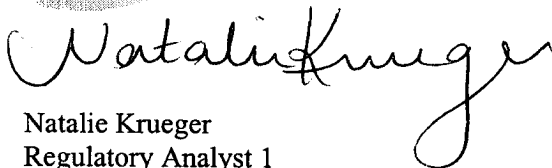
RE: C-102 Laguna Deep Unit No. 12
C-102 Pennzoil B 36 State No. 1
No Potash Leases in Section

Dear Ms. Mull,

Enclosed are (1) one original of a C-102 for each of the wells mentioned above indicating that there are no Potash leases in the sections involved.

If you have any questions or need further information, please contact Zeno Farris at 972 443 6489.

Sincerely,


Natalie Krueger
Regulatory Analyst 1

nkrueger@cimarex.com

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-37992	Pool Code 2260	Pool Name Apache Ridge; Bone Spring
Property Code 300523	Property Name LAGUNA DEEP UNIT	Well Number 12
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3607'

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	25	19-S	33-E		990	SOUTH	1650	WEST	LEA

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 N	Consolidation Code U	Order No.						

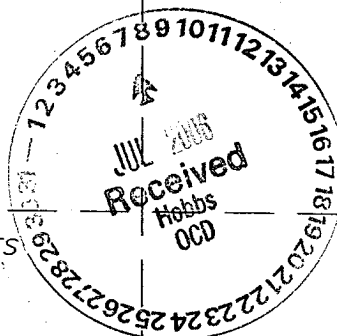
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

No Potash Leases in Entire Section

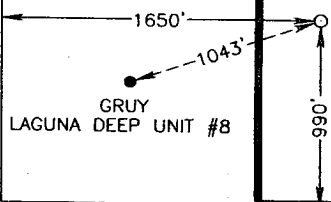
GEODETIC COORDINATES
NAD 27 NME

Y=592376.7 N
X=719789.5 E

LAT.=32°37'35.46" N
LONG.=103°37'09.96" W



Laguna Deep Unit #12



OPERATOR CERTIFICATION

I hereby certify that the information 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 or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Zeno Fawcett 7-6-06

Signature Date
Mgr Operations Admin
Printed Name

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.

MAY 24, 2006

Date Surveyed MR
Signature & Seal of
Professional Surveyor

GARY EIDSON 5/31/06
06.11.0817

Certificate No. GARY EIDSON 12641
RONALD J. EIDSON 3239