District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 1220 S. St. Francis Dr., Santa Fe, NM 87505 HOBBS OCD State of New Mexico **Energy Minerals and Natural Resources** Department

OCT 1 7 2012 Oil Conservation Division 1220 South St. Francis Dr. RECEIVED

Santa Fe, NM 87505

Revised August 1, 2011 For closed-loop systems that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, submit to the appropriate NMOCD District Office.

Form C-144 CLEZ

Closed-Loop System Permit or Closure Plan Application

(that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)

Type of action: Permit Closure

Instructions: Please submit one application (Form C-144 CLEZ) per individual closed-loop system request. For any application request other than for a closed-loop system that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, please submit a Form C-144.

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the

| environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances. | | | | | |
|---|--|--|--|--|--|
| Operator: LINN Operating, Inc. OGRID #: 269324 | | | | | |
| Address: 600 Travis Street, Suite 5100 Houston, Texas 77002 | | | | | |
| Facility or well name: Caprock Maljamar Unit #266 | | | | | |
| API Number: <u>30-025-33821</u> OCD Permit Number: <u>Pl-054</u> 9 6 | | | | | |
| U/L or Qtr/Qtr E Section 24 Township 17S Range 32E County: Lea | | | | | |
| Center of Proposed Design: Latitude <u>32.822247109255</u> Longitude <u>-103.726663973552</u> NAD: <u></u> | | | | | |
| Surface Owner: Federal State Private Tribal Trust or Indian Allotment | | | | | |
| 2. Closed-loop System: Subsection H of 19.15.17.11 NMAC | | | | | |
| Operation: Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) P&A | | | | | |
| Above Ground Steel Tanks or Haul-off Bins | | | | | |
| 3. | | | | | |
| Signs: Subsection C of 19.15.17.11 NMAC | | | | | |
| 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers | | | | | |
| Signed in compliance with 19.15.3.103 NMAC | | | | | |
| 4. <u>Closed-loop Systems Permit Application Attachment Checklist</u> : Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are | | | | | |
| attached. ☑ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC ☑ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC ☑ Closure Plan (Please complete Box 5) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC | | | | | |
| Previously Approved Design (attach copy of design). API Number: | | | | | |
| Previously Approved Operating and Maintenance Plan API Number: | | | | | |
| 5. Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC) Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required. | | | | | |
| Disposal Facility Name: Sundance Disposal Facility Permit Number: NM01-0003 | | | | | |
| Disposal Facility Name: Gandy-Marley Disposal Disposal Facility Permit Number: NM01-0019 | | | | | |
| Will any of the proposed closed-loop system operations and associated activities occur on or in areas that <i>will not</i> be used for future service and operations? Yes (If yes, please provide the information below) No | | | | | |
| Required for impacted areas which will not be used for future service and operations: Soil Backfill and Cover Design Specifications based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC | | | | | |
| 6. Operator Application Certification: | | | | | |
| I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief. | | | | | |
| Name (Print): Terry B. Callahan Title: Regulatory Specialist III | | | | | |
| Signature: 3 (All 1807) Date: 10/16/2012 | | | | | |
| e-mail address: tcallahan@linnenergy.com Telephone: 281-840-4272 | | | | | |

| OCD Approval: Permit Application (including closure plan) | | | | | | | |
|--|---|--|--|--|--|--|--|
| OCD Representative Signature: | Approval Date: 2 - 05-2012 | | | | | | |
| Title: | OCD Permit Number: P1-05496 | | | | | | |
| Subsection Closure Report (required within 60 days of closure completion): Subsection Instructions: Operators are required to obtain an approved closure plan prior to the closure report is required to be submitted to the division within 60 days of the section of the form until an approved closure plan has been obtained and the closure plan prior to the division within 60 days of the closure plan prior to the division within 60 days of the closure plan prior to the division within 60 days of the closure plan prior to the division within 60 days of the closure plan prior to the division within 60 days of the closure plan prior to the division within 60 days of the closure plan has been obtained and the closure plan prior to the division within 60 days of the closure plan has been obtained and the closure plan prior to the division within 60 days of the closure plan has been obtained and the closure plan prior to the division within 60 days of the closure plan prior to the division within 60 days of the closure plan prior to the closure plan plan prior to the closure plan prior to the closure plan plan plan plan plan plan plan plan | to implementing any closure activities and submitting the closure report. The completion of the closure activities. Please do not complete this | | | | | | |
| Closure Report Regarding Waste Removal Closure For Closed-loop Systems Instructions: Please indentify the facility or facilities for where the liquids, drive two facilities were utilized. | | | | | | | |
| Disposal Facility Name: | Disposal Facility Permit Number: | | | | | | |
| Disposal Facility Name: Disposal Facility Permit Number: | | | | | | | |
| Were the closed-loop system operations and associated activities performed on or Yes (If yes, please demonstrate compliance to the items below) No | | | | | | | |
| Required for impacted areas which will not be used for future service and operated Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique | ions: | | | | | | |
| Operator Closure Certification: I hereby certify that the information and attachments submitted with this closure belief. I also certify that the closure complies with all applicable closure requirements. | | | | | | | |
| Name (Print): | Title: | | | | | | |
| Signature: | Date: | | | | | | |
| e-mail address: | Telephone: | | | | | | |

| Well Name: | | Caprock Maljamar L | Jnit 266 | | Date Prepared: | 30-Jan-12 | |
|----------------|-------------------------|---|--|--|--|-------------------------|--------|
| Location: | | E-24-17S-32E 1 | 828 FNL 569 FWL | · | Last Updated: | | |
| | | | | | Spud Date: | 9-Feb-97 | |
| API#: | | 30-025-33821 | | | RR Date: | | |
| <u></u> | | | | | Spud Date to RR Date: | | |
| Elevations: | | GROUND: | | | Completion Start Date: | | |
| | | KB: | | | Completion End Date: | | |
| Depths (KB): | | PBTD: | | | Completion Total Days: | | |
| | | TD: | 4425' | | Co-ordinates: | | |
| | | | | End Cooling | | | |
| 24.0 | 5.5.5.1 1 5.5.51 | | Hole Size | Surface Casing : | | | |
| Surf Csg | | | 12-1/4" | 10 jts 8-5/8" 20#,ISW-42 set @ 438' Cmt w/ 325 sxs Cl C + 1/4#FC/sx + 2%C | `aCl | | |
| 3-5/8" | | 1 | | Circ 92 sxs to pit - TOC @ surf | ,aCi | | |
| Set @ 438' | | | 7 7/9 | Production Casing: | | | |
| TOC @ Surf | | ŀ | 7-7/8" | 108 jts 5-1/2" 17# J-55 LT&C csg set @ | AADE! | | |
| | | | | | 4425 | | |
| | - A | | | FC @ 4382' Cmt'ed w/ 1000 glas superflush 102 + 85 | O sys Halliburton Lita + 350 sys Promit | m Blue | |
| | 1:1:1:1 | | 1999 | Circ 37 sxs to surf - TOC @ Surface | 50 SXS Halliburion Lite + 250 SXS Premit | im Plus | |
| | 1999 | | i ::::: | CIIC 37 SXS to Still - TOC @ Stillace | | | |
| | | | REE: | Tubing | | Longth (ft) | Pattom |
| | | | Ree | Tubing: | | Length (ft) | Bottom |
| | | | lete: | | | | |
| | (4)(4) | 1 | RRA | | | | |
| | | | 1 866 | | | | ~ |
| | | | 1 999 | | | | |
| | | • | <u> </u> :::::: | | | | |
| | 3333 | 1 | 1999 | | | | |
| | 1994 | | 1111 | | | | |
| | (4) | | 1000 | | | | |
| | | | | Dede 9 Dume. | | | |
| | | | | Rods & Pump: | | | |
| | 3333 | | | | | | |
| | 3333 | | | | | | |
| | 1919 | | | | | | |
| | 1999 | | F 120 | | | | |
| | | | 11.1. | | | | |
| | 1000 | | 144 | | | | |
| | 333 | | 1444 | | - | | |
| | (4)44 | | 1939 | | | | |
| | 233 | | | Notes: | | | |
| | | | | Top of Salt - 670' | | | |
| | 1999 | | | Base of Salt - 1570' | ., | | |
| | 1111 | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | [686 | | | | |
| | | | All old and a second of the second | | | | |
| | <u> </u> | | :::: CIBP @ 3310' w/ 35' Cmt | | | | |
| | <u> </u> | [| o 3352-3378 | Perforations: | 04.05.05.4004.05 | | |
| | | 1 | 6 1363 | Grayburg - 3880,81,83,84,85,3913,14,23 | 3,34,35,85,4084,85,99,4100,01,16,17,1 | 3,23,24,30,31,32,36,41, | - |
| | | | litica de la composición della | 84,85,88,89,90 | | | w |
| | | | 1 933 | Queen - 3352-3378 | | * * | |
| | 333 | | 199 | | | | |
| | | | CIBP @ 3780' w/ 50' sand | on top. | | | |
| • | 0 | | o 3880-4190 | | | | |
| | 0 | 1 | 0 | | | | |
| | ::::: | | kiki: | | | | |
| | | | lete: | | | | |
| | 988 | | | | | | |
| | (44) | | [200 | | | | |
| Production Csg | :::::: | l | MAG | | | | |
| 5-1/2" | | i | 1949 | | | | |
| Set @ 4425' | | 1 | C (1) | | | | |
| TOC @ Surface | · · · - | PBTD @ ' | | | | | |
| | | TD @ 4425' | | | | | |

Current Wellbore Schematic

| | | | | | Proposed Wellbore Schematic | | |
|-----------------|--|-----------------------|-----------------|------------------------|-------------------------------------|--|---------------------------------------|
| Well Name: | | aprock Maljamar U | | | | Date Prepared: | 30-Jan-12 |
| Location: | E | -24-17S-32E 1 | 328 FNL | 569 FWL | | Last Updated: | |
| | _ | | · | | | Spud Date: | 9-Feb-97 |
| API#: | 30 | 0-025-33821 | | | | RR Date: | |
| | | | | | | Spud Date to RR Date: | |
| Elevations: | | GROUND: | 4072 | | | Completion Start Date: | |
| D 41 - 414 D) - | | KB: | 4086 | | | Completion End Date: Completion Total Days: | |
| Depths (KB): | | PBTD: TD: | 434 | | | Completion rotal Days: Co-ordinates: | |
| | | , ID. | 442 | J | | Co-ordinates. | |
| | S | urf plug @ approx | 3' to 15' | Hole Size | Surface Casing : | | · · · · · · · · · · · · · · · · · · · |
| Surf Csg | | iii piag @ appio | | 12-1/4" | 10 jts 8-5/8" 20#,ISW-42 set @ 438' | , | |
| 8-5/8" | | | | | Cmt w/ 325 sxs CI C + 1/4#FC/sx + | | |
| Set @ 438' | | | | | Circ 92 sxs to pit - TOC @ surf | | |
| TOC @ Surf | | | | 7-7/8" | Production Casing: | | |
| Ŭ | | | | | 108 jts 5-1/2" 17# J-55 LT&C csg se | et @ 4425' | |
| | | | | * | FC @ 4382' | | |
| | | | | | | + 850 sxs Halliburton Lite + 250 sxs Prem | ium Plus |
| | :::::::::::::::::::::::::::::::::::::: | | Spot 2 | 25 sx cmt @488' | Circ 37 sxs to surf - TOC @ Surface | e | |
| | | | | | | | |
| | - 1864 L | | | | Tubing: | | Length (ft) Bottom |
| | | | Spot 2 | 25 sx cmt @670° | | | |
| | 3337 | | | | | | |
| | 333 | | | • | | | |
| | 1999 | | | | | | |
| | | i | | | | | |
| | :0:50 | | -:-:: | | | <u>-</u> | |
| | | | | | | | |
| | 1935 | general de la company | Spot 2 | 25 sx cmt @1570' | | | |
| | 1-1-1-1 | | | J | Rods & Pump: | | · · · · · · · · · · · · · · · · · · · |
| | :8:30 | | 1445 1445 | | | | |
| | | | | | | | |
| | 1313 | | | | | | |
| | | | | | | | |
| | 1888 | | :::::: | | | | |
| | 199 | | | | | | <u></u> |
| | 13.5 | | | | | | |
| | | · | | | Notes: | | |
| • | | | Tan C | IBP @3275' Circ | Top of Salt - 670' | | |
| | 333 = | | | /mud laden fluid | Base of Salt - 1570' | | |
| | 3333 | | | miliaa laaen maja | base of Sait - 1570 | | |
| | | | | | | | |
| | | | CIBP (| @ 3310' w/ 35' Cmt | | | |
| | 0 | | o 3352-3 | | Perforations: | | |
| | 1000 | l | 1337 | | | 14,23,34,35,85,4084,85,99,4100,01,16,17,1 | 8,23,24,30,31,32,36,41, |
| | 333 | l | 1999 | | 84,85,88,89,90 | | |
| | 444 | | | | Queen - 3352-3378 | | |
| | 1348 <u> </u> | | ::::: | | | | |
| | | | | @ 3780' w/ 50' sand or | n top. | | |
| | 0 | | o 3880-4 | 1190 | | 44.2 | |
| | 0 | | 0 | | | | |
| | | | 199 | | | | · |
| | | | | | | | |
| | :3:3:3:1 | | | | | | |
| Production Csg | | | | | | | |
| 5-1/2" | 1414 | | 133 | | | | |
| Set @ 4425' | | | | | | • | · |
| TOC @ Surface | | PBTD @ ' | . . | | | | |
| - | | TD @ 4425' | | | | | |
| | | | | | | | |