

R-111-POTASH
Operator Copy

previous order

FORM APPROVED
OMB No. 1091-0137
Expires March 31, 2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NM-15906
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator Climarex Energy Co of Colorado		7. If Unit or CA Agreement, Name and No.
3a. Address 600 N Marienfeld St Ste 600 Midland TX 79701		8. Lease Name and Well No. Snoddy Federal No. 21H
3b. Phone No. (include area code) 432-571-7800		9. API Well No. 30-025-
According to the NM State Engineer, depth to ground water is 40 feet. Fresh water zones will be protected by At Surface 768' FNL & 555' FEL At proposed prod. Zone 330' FSL & 526' FEL Horizontal Bone Spring test		10. Field and Pool, or Exploratory Salt Lake; Bone Spring
11. Sec., T. R. M. or Blk. and Survey or Area 26-20S-32E		12. County or Parish Lea
13. State NM		14. Distance in miles and direction from nearest town or post office* 30.5 miles ENE from Carlsbad, NM
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line if any) 555'	16. No of acres in lease	17. Spacing Unit dedicated to this well Sec. 26 640 acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 50' from #22H	19. Proposed Depth MD 13868' TVD 9900'	20. BLM/BIA Bond No. on File NM-2575
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3555' GR	22. Approximate date work will start* 12.01.12	23. Estimated duration 25-30 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor
2. A Drilling Plan
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see item 20 above).
5. Operator Certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Terri Statham	Date 9.5.12
Title Regulatory		
Approved by (Signature) 	Name (Printed/Typed) Jesse J. Juen	Date 10/19/12
Title STATE DIRECTOR	Office NM STATE OFFICE	

Application approval 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.

Conditions of approval, if any, are attached.

APPROVAL FOR TWO YEARS

Title 18 U.S.S. 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.

* (Instructions on page 2)

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Oil Conservation Division
Case No. 1A
Exhibit No. 1A

Capitan Controlled Water Basin
Approval Subject to General Requirements
& Special Stipulations Attached

DISTRICT I

1825 N. French Dr., Hobbs, NM 88240

DISTRICT II

1501 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 87505Form C-102
Revised October 15, 2009Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025- 40938	Pool Code 53560	Pool Name Salt Lake; Bone Spring
Property Code	Property Name SNODDY FEDERAL	Well Number 21H
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3555'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	26	20 S	32 E		768	NORTH	555	EAST	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
P	26	20 S	32 E		330	SOUTH	526	EAST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	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

<p>SURFACE LOCATION Lat - N 32°32'57.38" Long - W 103°43'48.44" NMSPCE - E 727204.3 (NAD-83)</p> <p>PROPOSED BOTTOM HOLE LOCATION Lat - N 32°32'16.09" Long - W 103°43'48.11" NMSPCE - E 727256.037 (NAD-83)</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 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order previously entered by the division.</p> <p><i>Terri Statheim</i> Signature Date 9-5-12</p> <p>Terri Statheim Printed Name</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><i>GARY L. JONES</i> Signature & Seal of Professional Surveyor</p> <p>Date Surveyed _____</p> <p>W.S. 21402000 SURVEYOR</p>
	<p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>

R-111-POTASH

Operator Copy

FORM APPROVED
OMB No. 1094-0117
Expires March 31, 2007

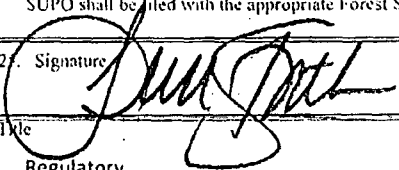
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

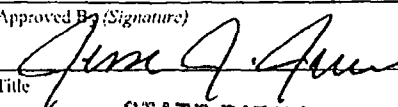
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NM-15906
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator Cimarex Energy Co of Colorado		7. If Unit or CA Agreement, Name and No.
3a. Address 600 N Marienfeld St Ste 600 Midland TX 79701		8. Lease Name and Well No. Snoddy Federal No. 22H
3b. Phone No. (include area code) 432-571-7800		9. API Well No. 30-025-
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At Surface 797' FNL & 596' FEL At proposed prod. Zone 330' FSL & 990' FWL Horizontal Bone Spring test		10. Field and Pool, or Exploratory Salt Lake; Bone Spring
14. Distance in miles and direction from nearest town or post office* 30.5 miles ENE from Carlsbad, NM		11. Sec., T. R. M. or Blk. and Survey or Area 26-20S-32E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line if any) 596'	16. No of acres in lease 640 acres	12. County or Parish Lea
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 50' from #20H	19. Proposed Depth MD 15246' TVD 9900'	13. State NM
20. BLM/BIA Bond No. on File NM2575 NMB000835	21. Elevations (Show whether DF, KDB, RT, GL., etc.) 3555' GR	22. Approximate date work will start* 01.01.13
23. Estimated duration 25-30 days	24. Attachments	

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor
- A Drilling Plan
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see item 20 above).
- Operator Certification
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Terri Stathem	Date 9.5.12
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26. Title Regulatory	27. Name (Printed/Typed) Jesse J. Juven	28. Date 10/19/12
Approved By (Signature) 	Office NM STATE OFFICE	

Application approval 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.

Conditions of approval, if any, are attached.

Title 18 U.S.S. 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.

* (Instructions on page 2)

APPROVAL FOR TWO YEARS

Oil Conservation Division
Case No. 1B
Exhibit No. 1B

Capitan Controlled Water Basin
E ATTACHED FOR
CONDITIONS OF APPROVAL

Approval Subject to General Requirement
Special Stipulations Attached

DISTRICT I
1025 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 15, 2009

Submit one copy to appropriate
District Office

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
Property Code	Property Name SNODDY FEDERAL	Well Number 22H
OGRID No.	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3555'

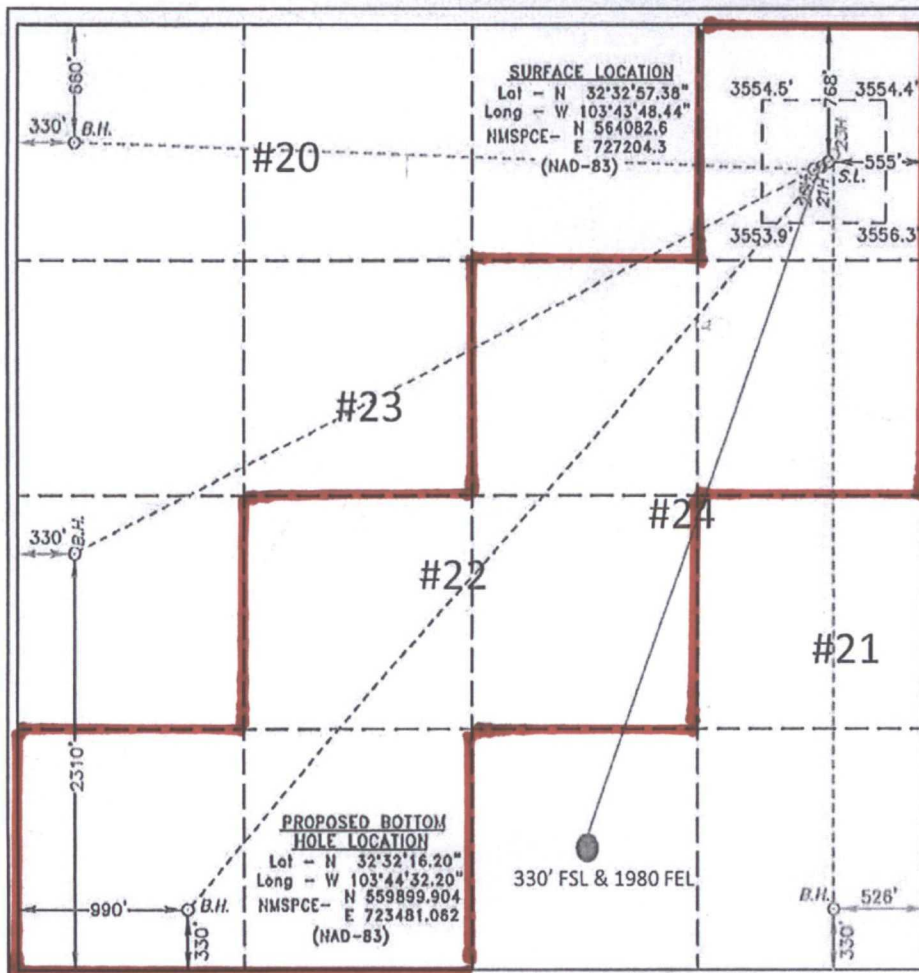
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	26	20 S	32 E		768	NORTH	555	EAST	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
N	26	20 S	32 E		330	SOUTH	990	WEST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	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



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 or has a right to drill this well at this 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.

Signature

Date

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.

Date Surveyed

Signature & Seal of
Professional Surveyor

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

Operator Copy

FORM APPROVED
OMB No. 1001-0137
Expires March 31, 2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT **R-111-POTASH**

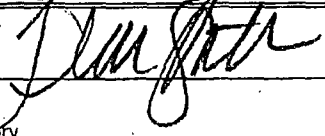
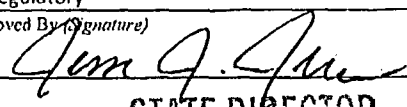
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1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator Cimarex Energy Co of Colorado		7. If Unit or CA Agreement, Name and No.
3a. Address 600 N Marienfeld St Ste 600 Midland TX 79701		8. Lease Name and Well No. Snoddy Federal No. 23H
3b. Phone No. (include area code) 432-571-7800		9. API Well No. 30-025-
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At Surface 811' FNL & 644' FEL At proposed prod. Zone 2310' FSL & 330' FWL Horizontal Bone Spring test		10. Field and Pool, or Exploratory Salt Lake; Bone Spring
14. Distance in miles and direction from nearest town or post office* 30.5 miles ENE from Carlsbad, NM		11. Sec., T. R. M. or Blk. and Survey or Area 26-20S-32E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line if any) 644'	16. No of acres in lease	17. Spacing Unit dedicated to this well Sec. 26 640 acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 152'	19. Proposed Depth MD 14512' TVD 9900'	20. BLM/BIA Bond No. on File NM-2575
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3555' GR	22. Approximate date work will start* 02.01.13	23. Estimated duration 25-30 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan | 5. Operator Certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Terri Statham	Date 07.06.12
Title Regulatory		
Approved By (Signature) 	Name (Printed/Typed) Jesse J. Juen	Date 10/19/12
Title STATE DIRECTOR	Office NM STATE OFFICE	

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Conditions of approval, if any, are attached.

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*(Instructions on page 2)

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Oil Conservation Division
Case No. 1C
Exhibit No. 1C

Capitan Controlled Water Basin

Approval Subject to General Requirements
& Special Stipulations Attached

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

DISTRICT II

1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III

1000 Rio Drazos 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 16, 2009

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-	Pool Code 53560	Pool Name Salt Lake; Bone Spring
Property Code	Property Name SNODDY FEDERAL	Well Number 23H
GRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3555'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	26	20 S	32 E		811	NORTH	644	EAST	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
L	26	20 S	32 E		2310	SOUTH	330	WEST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	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

<p>PROPOSED BOTTOM HOLE LOCATION Lat - N 32°32'35.81" Long - W 103°44'39.89" NADSPCE - N 561877.575 E 722811.574 (NAD-83)</p> <p>SURFACE LOCATION Lat - N 32°32'56.96" Long - W 103°43'49.49" NADSPCE - N 564039.6 E 727115.8 (NAD-83)</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 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <i>Terri Statham</i> Date: 9-5-12</p> <p>Printed Name: Terri Statham</p>
<p>NM-15906</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>Date Surveyed: <i>July 1, 2010</i></p> <p>Signature & Seal of Professional Surveyor: <i>GARY L. JONES</i></p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>