

N.M. Oil Cons. Div-Dist. 2
1301 W. Grand Avenue
Alamosa NM 88210
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

5

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: ☒ DRILL ☐ REENTER

CONFIDENTIAL

1b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator: **CHESAPEAKE OPERATING INC**
Contact: **SHARON E. DRIES**
E-Mail: **sdries@chkenrgy.com**

3a. Address
P O BOX 18496
OKLAHOMA CITY, OK 73154-0496

3b. Phone No. (include area code)
Ph: 405.879.7985
Fx: 405.879.9583

4. Location of Well (Report location clearly and in accordance with any State requirements)

At surface **SWNE 1980FNL 1980FEL**
At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*
24.6 MILES NE OF ROSWELL

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
660'

16. No. of Acres in Lease

18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.
1315.5

19. Proposed Depth
5400 MD

21. Elevations (Show whether DF, KB, RT, GL, etc.)
3716 GL

22. Approximate date work will start

5. Lease Serial No.
NMNM022584

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.
27927

8. Lease Name and Well No.
CHAVES A FEDERAL 6

9. API Well No.

30-005-63571

10. Field and Pool, or Exploratory
UNKNOWN

Leslie Spring, Penn

11. Sec., T., R., M., or Blk. and Survey or Area

Sec 21 T7S R26E Mer NMP
SME: BLM

12. County or Parish
CHAVES

13. State
NM

17. Spacing Unit dedicated to this well

160 acres

20. BLM/BIA Bond No. on file

23. Estimated duration

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
(Electronic Submission)

Name (Printed/Typed)
SHARON E. DRIES

Date
04/28/2003

Title
REGULATORY ANALYST

Approved by (Signature)
(Electronic Submission)

Name (Printed/Typed)
ARMANDO A LOPEZ

Date
05/12/2003

Title
ACTING ASST FIELD MANAGER

Office
Roswell

Application approval does not warrant or certify 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.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.

Additional Operator Remarks (see next page)

Electronic Submission #20957 verified by the BLM Well Information System
For CHESAPEAKE OPERATING INC, sent to the Roswell
Committed to AFMSS for processing by Linda Askwig on 05/01/2003 (03LA0093AE)

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

Additional Operator Remarks:

Chesapeake Operating, Inc. proposes to drill a well to 5400' to test the Abo, Abo B, C, and D, U, Wolfcamp Pay, Cisco Pay, and Granite Wash formations. If productive, casing will be run and the well will be completed. If dry, the well will be plugged and abandoned as per BLM and New Mexico Oil Conservation Division requirements.

Attached please find the Surface Use Plan and Drilling Plan and attachments as required by Onshore Order No. 1. A generic rig layout is attached as Exhibit F. A final rig layout will be submitted prior to spud once rig is assigned.

Please be advised that Chesapeake Operating, Inc. is considered to be the Operator of the above mentioned well. Chesapeake Operating, Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Chesapeake Operating, Inc. under their Nationwide Bond No. NM2634.

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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

DISTRICT IV
F.O. BOX 2086, SANTA FE, N.M. 87504-2086

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

| | | | |
|---------------|----------------------------|-----------|-----------------|
| API Number | | Pool Code | Pool Name |
| | | | Pecos Slope:Abo |
| Property Code | Property Name | | Well Number |
| | CHAVES "A" FEDERAL | | 6 |
| OGRID No. | Operator Name | | Elevation |
| 147179 | CHESAPEAKE OPERATING, INC. | | 3716' |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| G | 21 | 7-S | 26-E | | 1980' | NORTH | 1980' | EAST | CHAVES |

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 160 | 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 style="text-align: center;">CHAVES A FED #1</p> <div style="position: relative; height: 150px; margin-top: 20px;"> <div style="position: absolute; top: 0; left: 50%; transform: translate(-50%, -50%);"> </div> </div> | <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>GEODETIC COORDINATE</p> <p>SPC NME</p> <p>NAD 1927</p> <p>Y = 980281.2</p> <p>X = 510300.0</p> <p>LAT. 33°41'41.02"N</p> <p>LONG. 104°17'58.09"W</p> </div> <div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <p style="text-align: center; font-size: 2em; font-weight: bold;">ABO</p> </div> <div style="text-align: center; margin-bottom: 10px;"> </div> |
| <div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center; font-weight: bold;">OPERATOR CERTIFICATION</p> <p style="font-size: 0.8em;">I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <div style="margin-top: 10px;"> <p style="font-size: 1.2em; font-family: cursive;">Barbara J Bale</p> <p style="font-size: 0.8em;">Signature</p> </div> <div style="margin-top: 10px;"> <p style="font-size: 1.1em;">Barbara J. Bale</p> <p style="font-size: 0.8em;">Printed Name</p> </div> <div style="margin-top: 10px;"> <p style="font-size: 1.1em;">Regulatory Analyst</p> <p style="font-size: 0.8em;">Title</p> </div> <div style="margin-top: 10px;"> <p style="font-size: 1.1em;">05/28/03</p> <p style="font-size: 0.8em;">Date</p> </div> </div> | |
| <div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center; font-weight: bold;">SURVEYOR CERTIFICATION</p> <p style="font-size: 0.8em;">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> <div style="margin-top: 10px; text-align: center;"> <p style="font-size: 1.1em;">FEBRUARY 12, 2003</p> </div> <div style="margin-top: 10px;"> <p style="font-size: 0.8em;">Date Surveyed</p> <p style="font-size: 0.8em;">Signature & Seal of Professional Surveyor</p> </div> <div style="margin-top: 10px;"> <p style="font-size: 1.2em; font-family: cursive;">Barry Eidson 3/28/03</p> <p style="font-size: 0.8em;">03.11:0177</p> </div> <div style="margin-top: 10px; text-align: center;"> <p style="font-size: 0.8em;">Certificate No. RONALD J. EIDSON 3239</p> <p style="font-size: 0.8em;">GARY EIDSON 12641</p> </div> </div> | |

DISTRICT I

P.O. Box 1860, Hobbs, NM 88241-1860

DISTRICT II

P.O. Drawer 20, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV

P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C

Revised February 10,

Submit to Appropriate District (

State Lease - 4 C

Fee Lease - 3 C

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REP

| | | | | |
|---------------|---------------|----------------------------|-------------|--|
| API Number | | Pool Code | Pool Name | |
| Property Code | Property Name | | Well Number | |
| OGRID No. | Operator Name | | Elevation | |
| | | CHAVES "A" FEDERAL | 6 | |
| | | CHESAPEAKE OPERATING, INC. | 3716' | |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| G | 21 | 1-S | 26-E | | 1980' | NORTH | 1980' | EAST | CHAVE |

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 | Joint or Infill | Consolidation Code | Order No. |
| | | | |

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CHAVES A FED #1

GEODETIC COORDINATE
SPC NME
NAD 1927
Y = 980281.2
X = 510300.0
LAT. 33°41'41.02"N
LONG. 104°17'58.09"W

3710.6' 3722.8'
1980'
3710.0' 3717.5'

OPERATOR CERTIFICATION

I hereby certify the the information
contained herein is true and complete to the
best of my knowledge and belief

W F Chatham
Signature

William F. Chatham
Printed Name

Landman
Title

4/7/03
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

FEBRUARY 12, 2003

Date Surveyed
Signature & Seal of
Professional Surveyor

Gary E. Edson 3/28/03
03.11/0177

Certification No. RONALD J. EDSON 3238
GARY EDSON 12641

DISTRICT I
P.O. Box 1080, Hobbs, NM 88241-1080

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

| | | |
|---------------|----------------------------|-------------|
| API Number | Pool Code | Pool Name |
| | | Unknown |
| Property Code | Property Name | Well Number |
| | CHAVES "A" FEDERAL | 6 |
| OGRID No. | Operator Name | Elevation |
| 147179 | CHESAPEAKE OPERATING, INC. | 3716' |

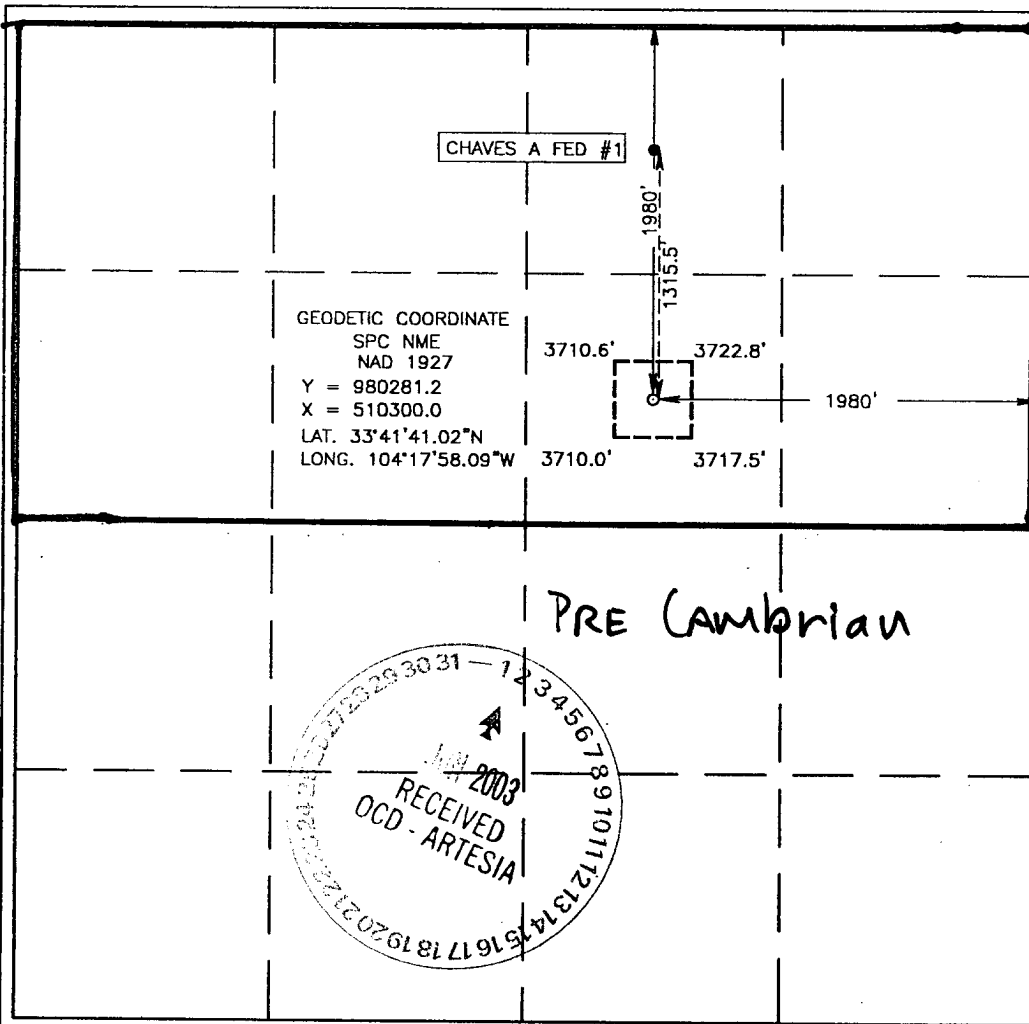
Surface Location

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|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
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| | | | | | | | | | |
| Dedicated Acres | Joint or Infill | Consolidation Code | Order No. | | | | | | |
| 320 | | | | | | | | | |

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OPERATOR CERTIFICATION

I hereby certify the the information
contained hereth is true and complete to the
best of my knowledge and belief.

Barbara J. Bale
Signature

Barbara J. Bale
Printed Name

Regulatory Analyst
Title

05/28/03
Date

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Gary E. Edson 3/28/03
03.11.0177

Certificate No. RONALD J. EDSON 3239
GARY EDSON 12641

