

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
N.M. Oil Cons.
P.O. Box 1980
Hobbs, NM 88241

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER ☐

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

BURLINGTON RESOURCES OIL & GAS COMPANY

3. ADDRESS AND TELEPHONE NO.

P.O. Box 51810 Midland, TX 79710-1810

915-688-6906

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At Surface

K, 1830' FSL & 1980' FWL

At proposed prod. zone

K, 2206' FSL & 2052' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

24 MILES SW FORM JAL, NEW MEXICO

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 1830'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT. 150'

19. PROPOSED DEPTH

13922' MD, 13,805' TVD

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3361' GR

22. APPROX. DATE WORK WILL START*

1-28-98

23. Existing PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	620'	650 SXS C - CIRC'D TO SURF
12-1/4"	9-5/8"	40 & 36#	5150'	2200 SXS C - CIRC'D TO SURF
7-7/8"	7"	32 & 29#	13,300'	1750 SXS H - TOC @ 5300'
4-1/2" LINER			TOL 12,898'	BOL 14,100' , 125 SXS

SIDETRACK A LATERAL HOLE FROM THE EXISTING VERTICAL WELL. THIS PROJECT HAS PREVIOUSLY BEEN APPROVED BY THE BLM ON SUNDRY NOTICE DATED 1-5-98. AT THE REQUEST OF DONNA PITZER W/OCD-HOBBS, I'M FILING FORM 3160-3. ALL THE INFORMATION AND ATTACHMENTS PREVIOUSLY SUBMITTED WITH THE SUNDRY ARE THE SAME.

PLANS ARE TO PLUG BACK FROM THE PITCHFORK RANCH ATOKA AND RECOMPLETE TO THE FAIRVIEW MILLS-WOLFCAMP GAS & WILDCAT STRAWN GAS POOLS. FIELD NAMES AMENDED BY THE OCD IN SANTA FE.

WE REQUEST APPROVAL TO RE-OPEN THE OLD DRILLING PITS TO DRILL THE SIDETRACK LATERAL PORTION OF THIS WELL.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Maria L. Perez TITLE REGULATORY REPRESENTATIVE DATE 1-26-98
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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:

(ORIG. SGD.) LES BABYAK

PETROLEUM ENGINEER

FEB 05 1998

APPROVED BY _____ TITLE _____ DATE _____

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes 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.



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

January 12, 1998

Burlington Resources Oil & Gas Company
P. O. Box 51810
Midland, Texas 79710-1810
Attention: Maria L. Perez

Administrative Order NSL-3929(BHL)

Dear Ms. Perez:

Reference is made to your application dated December 1, 1997 for a non-standard subsurface gas producing area/bottomhole gas well location, pursuant to Division General Rule 104.F and 111.C(2) to be applicable to both the Undesignated Fairview Mills-Wolfcamp Gas Pool and the gas bearing Strawn formation for the existing Pitchfork "4" Federal Well No. 2 (API No. 30-025-30331), located at a standard surface location 1830 feet from the South line and 1980 feet from the West line (Unit K) of Section 4, Township 25 South, Range 34 East, NMPM, Lea County, New Mexico. The S/2 of said Section 4, being a standard 320-acre gas spacing and proration unit for both intervals is to be dedicated to said well.

It is our understanding that said well is to be recompleted by side tracking off of the vertical portion of said wellbore and drilling directionally in order to further develop both the Wolfcamp and Strawn intervals whereby the subsurface locations in both zones are to be within a producing area that is considered to be unorthodox.

The geologic interpretation submitted with this application indicates that a well drilled at the proposed unorthodox gas well location will be at a more favorable geologic position within the Undesignated Fairview Mills-Wolfcamp Gas Pool than a well drilled at a location considered to be standard within the SW/4 equivalent of said Section 4.

The applicable drilling window or "producing area" within both the Undesignated Fairview Mills-Wolfcamp Gas Pool and gas bearing Strawn formation for said wellbore shall include that area within the subject 320-acre gas spacing and proration unit comprising the S/2 of said Section 4 that is:

- (a) no closer than 330 feet to the northern boundary of said 320-acre unit;
- (b) no closer than 1650 feet from the East and West lines of said Section 4; and,

Administrative Order NSL-3929(BHL)
Burlington Resources Oil & Gas Company
January 12, 1998
Page 2

(c) no closer than 660 feet from the South line of said
Section 4.

By the authority granted me under the provisions of Division General Rule 104.F(2), the above-described non-standard subsurface gas producing area/bottomhole gas well location for both the Undesignated Fairview Mills-Wolfcamp Gas Pool and gas bearing Strawn interval is hereby approved.

The operator shall comply with all provisions of Division General Rule 111 applicable in this matter.

Sincerely,

A handwritten signature in black ink, appearing to be 'K. Garland', with a long horizontal stroke extending to the right.

Kathleen A. Garland
Director

KAG/MES/kv

cc: New Mexico Oil Conservation Division - Hobbs
U. S. Bureau of Land Management - Carlsbad

RECEIVED

1998 FEB 27 A 9:47

ROOSEVELT OFFICE

154674
FEB 1998
Received
Hobbs
OCD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

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.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NM 16139
2. Name of Operator BURLINGTON RESOURCES OIL AND GAS COMPANY		6. If Indian, Allottee or Tribe Name
3a. Address P. O. Box 51810, Midland, TX 79710-1810	3b. Phone No. (include area code) 915-688-6906	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) K, 1830' FSL & 1980' FWL, SEC. 4, T25S, R34E		8. Well Name and No. Pitchfork "4" Federal #2
		9. API Well No. 30-025-30331
		10. Field and Pool, or Exploratory Area Undesignated Fairview Mills Wolfcamp Gas & Wildcat Strawn Gas
		11. County or Parish, State Lea Co., 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	Sidetrack/Directional
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	& Downhole Commingle
				amend field names

13. Described 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 recompletes 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 recompletion 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.)

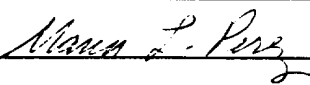
This sundry is to correct the field names on Notice of Intent Sundry previously submitted dated 1-5-98 to sidetrack a directional hole from the existing vertical well. As per Mike Stogner with the OCD in Santa Fe, the field names have been changed to the Undesignated Fairview Mills Wolfcamp Gas Field and a Wildcat Strawn Gas Pool. We will be setting a cmt retainer @12,850' & squeezing perfs 13,956'-13,964' and 4-1/2" Liner with 100 sxs H cmt on vertical section of hole prior to sidetracking.

Also correct field names on Notice of Intent Sundry previously submitted dated 12-11-97 to downhole commingle.

The fields previously submitted were the Pitchfork Ranch Wolfcamp and Pitchfork Ranch Strawn, which are incorrect.

All of the attachments previously submitted with these sundries remain the same.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed) Maria L. Perez	Title Regulatory Representative	
Signature 	Date 1-13-98	
Approved by	Title	Date
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		

Title 18 U.S.C. Section 1001, makes 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 statement or representations as to any matter within its jurisdiction.

(Instructions on reverse)

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102

Revised October 18, 1992

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-03331	² Pool Code 76560	³ Pool Name UNDESIGNATED FAIRVIEW MILLS WOLFCAMP GAS
⁴ Property Code 014332	⁵ Property Name PITCHFORK "4" FEDERAL	⁶ Well Number 2
⁷ OGRID No. 26485	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	⁹ Elevation 3361'

¹⁰ Surface Location									
UL or lot no. K	Section 4	Township 25S	Range 34E	Lot. Idn	Feet from the 1830'	North/South Line SOUTH	Feet from the 1980'	East/West line WEST	County Lea

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. K	Section 4	Township 25S	Range 34E	Lot. Idn	Feet from the 2206'	North/South Line SOUTH	Feet from the 2052'	East/West line WEST	County Lea

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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>Robert E. Landreth Oil & Gas Exploration</p> <p>320 ACRE HORIZONTAL PROJECT AREA BOUNDARY W/PRODUCING WINDOW</p> <p>MINIMUM SETBACK DISTANCE BY FIELD RULES (660' Side Boundary & 1650' End Boundary), SWR 111</p> <p>SL: SURFACE LOCATION PKOP: PROPOSED KICKOFF POINT PTL: PROPOSED TERMINUS LOCATION</p> <p>Burlington Resources Oil & Gas Co.</p> <p>PROPOSED UNORTHODOX BOTTOM HOLE LOCATION</p>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Maria L. Perez</i></p> <p>Signature MARIA L. PEREZ</p> <p>Printed Name REGULATORY REPRESENTATIVE</p> <p>Title 1/13/98</p> <p>Date</p> <p>¹⁸ 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 of Survey</p> <p>Signature and Seal of Professional Surveyer:</p> <p>Certificate Number</p>
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District III
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2040 South Pacheco, Santa Fe, NM 87505

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Santa Fe, NM 87505

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-03331	² Pool Code NEW	³ Pool Name WILDCAT STRAWN GAS
⁴ Property Code 014332	⁵ Property Name PITCHFORK "4" FEDERAL	⁶ Well Number 2
⁷ OGRID No. 26485	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	⁹ Elevation 3361'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
K	4	25S	34E		1830'	SOUTH	1980'	WEST	Lea

¹¹ 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
K	4	25S	34E		2206'	SOUTH	2052'	WEST	Lea

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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