

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Div. Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Fasken Oil and Ranch, Ltd.

3. Address and Telephone No.

303 W. Wall, Suite 1800, Midland, TX 79701 (915) 687-1777

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FNL, 2310' FEL Section 29, T20S, R25E

5. Lease Designation and Serial No.

NM 06796

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SW 910

8. Well Name and No.

Howell "29" Com No. 1

9. API Well No.

30-015-21140

10. Field and Pool, or Exploratory Area

See Attached

11. County or Parish, State

Eddy, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other downhole commingle
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Fasken Oil and Ranch, Ltd. has filed an application with the New Mexico Oil Conservation Division to downhole commingle the Howell "29" Com No. 1 in the Dagger Draw Upper Penn, South, the Indian Basin Strawn, North, and the Wildcat (Atoka) pools. Please see the attached application.

**SUBJECT TO
LIKE APPROVAL
BY NMOCD**

APPROVED

SEP 23 2002

LES BABYAK
PETROLEUM ENGINEER

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

Signed [Signature]

Title Regulatory Affairs Coordinator

Date 9/10/2002

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

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.

*See Instruction on Reverse Side

FASKEN OIL AND RANCH, LTD.

303 WEST WALL AVENUE, SUITE 1800
MIDLAND, TEXAS 79701-5116

(915) 687-1777

September 9, 2002

Mr. David Catanach
New Mexico Oil Conservation Division
Engineering Bureau
1220 South St. Francis Drive
Santa Fe, NM 87505

Dear Mr. Catanach,

Re: Fasken Oil and Ranch, Ltd.
Application for Downhole Commingling
Howell "29" Com No. 1
Eddy County, NM 87505



Attached is Fasken Oil and Ranch, Ltd.'s application for downhole commingling for the Howell "29" Com No. 1 well located in Eddy County. The three zones in this well to be completed are all non-commercial in and of themselves, and therefore, must be downhole commingled for reserves to be recovered. Working, royalty and overriding royalty interests are common in this well.

If you have any questions concerning this application please give me a call at (915) 687-1777.

Yours truly,

Jimmy D. Carlile
Regulatory Affairs Coordinator

District I
1623 N. French Drive, 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 Department

Form C-107A
Revised May 15, 2000

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

APPLICATION TYPE

2 Single Well
Establish Pre-Approved Pools
EXISTING WELLBORE
 Yes No

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OCD - ARTESIA
SEP 2002

APPLICATION FOR DOWNHOLE COMMINGLING

Fasken Oil and Ranch, 303 West Wall, Suite 1800 Midland, TX 79701
Operator Address

Howell "29" Com No. 1 G, Sec. 29, T20S, R25E Eddy
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 151416 Property Code 028914 API No. 30-015-21140 Lease Type: X Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Dagger Draw Upper Penn, South	Indian Basin Strawn, North	Wildcat (Atoka)
Pool Code	15475	97013	-----
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	8318' - 8442'	8568' - 8576'	8913' - 9038'
Method of Production (Flowing or Artificial Lift)	Flowing	Flowing	Flowing
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	50 API/1000 BTU	50 API/1000 BTU	50 API/1000 BTU
Producing, Shut-In or New Zone	New Zone	New Zone	New Zone
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: See Attached Rates: 40 MCFPD	Date: See Attached Rates: 20 MCFPD	Date: See Attached Rates: 40 MCFPD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil 40 % Gas 40 %	Oil 20 % Gas 20 %	Oil 40 % Gas 40 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?
Yes X No
Yes No

Are all produced fluids from all commingled zones compatible with each other?
Yes X No

Will commingling decrease the value of production?
Yes No X

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?
Yes X No

NMOCD Reference Case No. applicable to this well: _____

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE Jimmy D. Carlile TITLE Regulatory Affairs Coord. DATE 9/9/02

TYPE OR PRINT NAME Jimmy D. Carlile TELEPHONE NO. (915) 687-1777

Fasken Oil and Ranch, Ltd.

Howell "29" Com No. 1

Application for Downhole Commingling

Additional Data

Production curves for these zones are not available as these are all new completions in this well. Each of these zones is non-commercial in and of themselves, and we anticipate a total production from all three zones to be only 100 MCFPD.

Estimated production rates for each zone follow. These estimates are based on porosity thickness in each zone and shows as we drilled through each zone.

Dagger Draw Upper Penn, South	40 MCFPD
Indian Basin Strawn, North	20 MCFPD
Wildcat (Atoka)	40 MCFPD

Our suggested allocation method is based on porosity thickness in each zone.

All working, royalty and overriding interests in this well are common and therefore, no notice is required.



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District II

811 South First, Artesia, NM 88210

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 ResourcesOIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505Form C-102
Revised March 17, 1999Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-21140		² Pool Code 15475	³ Pool Name Dagger Draw Upper Penn, South
⁴ Property Code 028914	⁵ Property Name Howell "29" Com		⁶ Well Number 1
⁷ OGRID No. 151416	⁸ Operator Name Fasken Oil and Ranch, Ltd.		⁹ Elevation 3542

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
G	29	20S	25E		1980	north	2310	east	Eddy

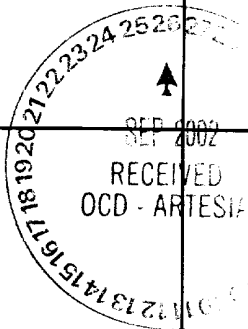
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

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

⁶ 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief		
	Signature Printed Name Jimmy D. Carlile Title Regulatory Affairs Coordinator Date September 9, 2002		
	¹⁸ 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 of Survey Signature and Seal of Professional Surveyer:		



Certificate Number

District I
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State of New Mexico
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-21140	² Pool Code -----	³ Pool Name Wildcat (Atoka)
⁴ Property Code 028914	⁵ Property Name Howell "29" Com	⁶ Well Number 1
⁷ OGRID No. 151416	⁸ Operator Name Fasken Oil and Ranch, Ltd.	⁹ Elevation 3542

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
G	29	20S	25E		1980'	north	2310	east	Eddy

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Santa Fe, NM 87505

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-21140	² Pool Code 97013	³ Pool Name Indian Basin Strawn, North
⁴ Property Code 028914	⁵ Property Name Howell "29" Com	⁶ Well Number 1
⁷ OGRID No. 151416	⁸ Operator Name Fasken Oil and Ranch, Ltd.	⁹ Elevation 3542'

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
G	29	20S	25E		1980'	north	2310'	east	Eddy

¹¹ Bottom Hole Location If Different From Surface

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