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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

7	THIS CHECKLIST IS	MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULE: WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE	S AND REGULATIONS
A ppli	cation Acronyn		edication1
	[DHC-Dov	vnhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Concell Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measure [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]	nmingling] ement] 23
	[EOR-Qu	[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] attituded Enhanced Oil Recovery Certification] [PPR-Positive Production R	esponse]
[1]	TYPE OF A	PPLICATION - Check Those Which Apply for [A] Location - Spacing Unit - Simultaneous Dedication	13
	[J	NSL NSP SD	Pm
	Chec	k One Only for [B] or [C]	
	[B]	Commingling - Storage - Measurement DHC CTB PLC PC OLS OLM	27
	[C]	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery WFX PMX SWD PII FOR PPR	
	[D]	Other: Specify	
[2]	NOTIFICAT [A]	TON REQUIRED TO: - Check Those Which Apply, or Does Not Apply Working, Royalty or Overriding Royalty Interest Owners	
	[B]	Offset Operators, Leaseholders or Surface Owner	
	[C]	Application is One Which Requires Published Legal Notice	
	[D]	Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office	
	[E]	For all of the above, Proof of Notification or Publication is Attached,	and/or,
	[F]	Waivers are Attached	
[3]		CURATE AND COMPLETE INFORMATION REQUIRED TO PROC ATION INDICATED ABOVE.	ESS THE TYPE
[4] approv applica	al is accurate a	TION: I hereby certify that the information submitted with this application for a complete to the best of my knowledge. I also understand that no action we have different and notifications are submitted to the Division.	for administrative will be taken on this
	Note	: Salement must be completed by an individual with managerial and/or supervisory capa	city.
Print of	Type Name	Signature KELLAHIN & KELLAHIN Attorneys At Law	Date
	\ / /	Anomeys At Law	

F.O. Box 2265 Sante-Hail ARM: \$87504-2265

KELLAHIN & KELLAHIN Attorney at Law

W. Thomas Kellahin

Recognized Specialist in the Area of Natural Resources-oil and gas law-New Mexico Board of Legal Specialization P.O. Box 2265
Santa Fe, New Mexico 87504
117 North Guadalupe
Santa Fe, New Mexico 87501

Telephone 505-982-4285 Facsimile 505-982-2047 kellahin@earthlink.net

January 13, 2006

HAND DELIVERED

JAN 13 PM

Mr. Mark Fesmire, P.E., Director Oil Conservation Division 1220 South Saint Francis Drive Santa Fe, New Mexico 87505

Re:

Administrative Application of Fasken Oil and Ranch, Ltd. to amended Order NSL-4838, dated 2/5/02, to include the Wolfcamp formation as a formation to be produced at an unorthodox well location for its Howell "29" Com Well No. 1, Unit G, (API No. 30-015-21140) N/2 dedication, Section 29
T20S, R25E, Eddy County, New Mexico

Dear Mr. Fesmire:

On behalf of Fasken Oil and Ranch, Ltd, please find enclosed our referenced application that is being filed in accordance with Division Rule 104.D(2)(b)). This location in the NE/4 of this section crowds the interior line between the NW/4 and the NE/4 of this spacing unit consisting of the N/2 of this section (330 feet instead of 660 feet, the ownership in different between the NW/4 and SE/4).

Very truly your

Thomas Kellahin

CC: Fasken Oil and Ranch, Ltd. Attn: Jimmy D. Carlile

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF FASKEN OIL & RANCH, LTD. TO AMEND ADMINISTRATIVE ORDER NSL-4838 TO INCLUDE THE WOLFCAMP FORMATION TO BE PRODUCED AT AN UNORTHODOX WELL LOCATION EDDY COUNTY, NEW MEXICO

ADMINISTRATIVE APPLICATION

Comes now FASKEN OIL AND RANCH. LTD. ("Fasken") and by and through its attorneys, Kellahin & Kellahin, and in accordance with Division General Rule 104.F, applies to the New Mexico Oil Conservation Division ("Division") to amend Administrative Order SL-4838, dated February 5, 2003, to add the Wolfcamp formation as an approved formation to be produced at an unorthodox gas well location for its Howell "29" Com Well No. 1, an existing gas well located 1980 feet FNL and 2310 feet FEL (Unit G) of Section 29, T20S, R25E, Eddy County New Mexico. This well, if successfully recompleted, will be dedicated to a standard 320-acre gas spacing unit consisting of the N/2 of this section for production from Cemetary-Wolfcamp Gas Pool (pool code 74680).

In support, Fasken states:

- 1. Fasken is the operator of the Howell "29" Com Well No. 1 currently downhole commingled in the South Dagger Draw-Upper Penn (15475), North Indian Basin Strawn (97013) and Seven Rivers Hills; Atoka, North (97272) Gas Pools and desires approval to recomplete and produce this well at a unorthodox well location for any production from the Wolfcamp formation.
- 2. The well was located 1980 feet FNL and 2310 feet FEL (Unit G) Section 29, T20S, R25E, at a standard gas well location for the Cemetery-Wolfcamp Gas Pool. See Exhibit 1

- 3. This well was spudded on March 29, 1974 and drilled pursuant to the former Rule 104 that allowed wells to be 330 feet from the interior quarter section line of the spacing unit.
- 4. Effective August 31, 1999, the Division amended Rule 104 to require well to be no closer than 660 feet to the side boundaries of the quarter section in which the well was located.
- 5. That Rule change now makes this well unorthodox for recompletion into the Wolfcamp formation.
- 6. On October 1, 2002, the Division issued Administrative Order DHC-3053 approving Fasken's application to downhole commingling production in the wellbore from the Atoka, Strawn and Upper Penn formations. See Exhibit 2.
- 7. On February 5, 2003, the Division issued Administrative Order NSL-4838 approving Fasken's application to an unorthodox gas well location for both the Strawn and Atoka formations. See Exhibit 3.
- 8. The well is no longer capable of production from the Atoka, Strawn or Upper Penn formations.

TECHNICAL EVIDENCE

- 9. Before plugging the well, Fasken would like to test the Wolfcamp formation based upon the following geologic evidence:
 - (a) Exhibit 4: geological summary
 - (b) Exhibit 5: Cross Section
 - (c) Exhibit 6: Production map
- 10. Fasken's proposed unorthodox well location encroached on an internal boundary of the GPU (330 feet instead of 660 feet) from the quarter section line.

NOTIFICATION

- 11. The North half of Section 29 consists of parts of 4 oil & gas leases:
 - (a) a federal lease (NM-4026) consisting of Units A, B, H
 - (b) another federal lease (NM-670) consisting of Unit F
 - (c) a state lease (L-2502) consisting of Units D, C, E
 - (d) a fee lease (J.E. Howell) consisting of Unit G (Well Tract)

See Exhibit 7, attached.

- 10. Notice has been sent to all of the interest owners in the GPU. See Exhibit 8 and 9, attached
- 11. Approval of this application will afford the owners and the applicant the opportunity to produce their just and equitable share of the gas in the Wolfcamp formation, will promote the orderly development in this area, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells and will otherwise prevent waste and protect correlative rights.

WHEREFORE, Applicant requests that this application be approve by the Division.

Respectfully Submitted:

W. Thomas Kellahin

District I

1625 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 & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102 Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

		,		CILILO			TITLE TO THE TENT			
¹ API Number				² Pool Cod	ol Code ³ Pool Name			me		
30-015-21140				74680	Cemetary (Wolfcamp)					
*Property Code 028914		⁵ Property Name Howell "29" Com						⁶ Well Number 1		
⁷ OGRID No.		8 Operator Name							⁹ Elevation	
151416		Fasken Oil and Ranch, Ltd.						3542'		
-3-1-0					¹⁰ Surface I					
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 Bc	ttom Ho	le Location If	Different From	n Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line		County
								1		
¹² Dedicated Acres	¹³ Joint o	r Infill ¹⁴	¹ Consolidation	Code 15 Or	rder No.					
320										ĺ

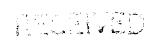
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16				17 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
			i	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
1				voluntary pooling agreement or a compulsory pooling order heretofore entered
				by the division.
				Thungt aclie 1/6/06
				Signature Date
		.		Jimmy D. Carlile jimmyc@forl com
			÷	Printed Name
				Regulatory Affairs Coordinator
				19.00
				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.
				bearg.
				l
		EXH	BIT	Date of Survey
		EXI	·	Signature and Seal of Professional Surveyor:
			4: /	
	1			<u> </u>
				l l
				Certificate Number
				<u> </u>



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Betty Rivera
Cabinet Secretary



Lori Wrotenbery
Director
Oil Conservation Division

OCT 0 1 2002

ADMINISTRATIVE ORDER DHC-3053

Fasken Oil and Ranch, Ltd. 303 West Wall, Suite 1800 Midland, Texas 79701

Attention: Mr. Jimmy D. Carlile

Howell "29" Com Well No. 1
API No. 30-015-21140
Unit G, Section 29, Township 20 South, Range 25 East, NMPM,
Eddy County, New Mexico
Undesignated South Dagger Draw-Upper Penn (Associated 15475),
Undesignated North Indian Basin-Strawn (Gas 97013), and
Wildcat-Atoka (Gas) Pools.

Dear Mr. Carlile:

Reference is made to your recent application for an exception to Rule 303.A. of the Division Rules and Regulations to permit the above described well to commingle production from the subject pools in the well bore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303.C., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the zones is hereby placed in abeyance.

The maximum amount of gas which may be produced daily from the well shall be determined by Division Rules and Regulations or by the gas allowable for each respective prorated pool as printed in the Division's Southeast Gas Proration Schedule.

Assignment of allowable to the well and allocation of production from the well shall be on the following basis unless amended with permission of the Artesia District Office and copied to this office:

Undesignated South Dagger Draw-Upper Penn	Oil-40%	Gas-40%	
Undesignated North Indian Basin-Strawn	Oil-20%	Gas-20%	
Wildcat-Atoka	Oil-40%	Gas-40%	

REMARKS: The operator shall notify the Artesia District Office of the Division upon implementation of the commingling process.

Pursuant to Rule 303.C.(2), the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 26th day of September 2002.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

fori Wrotenbery
LORI WROTENBERY
Division Director

LW/wvii

cc:

Oil Conservation Division – Artesia

Bureau of Land Management - Carlsbad



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary

February 5, 2003

Lori Wrotenbery
Director
Oil Conservation Division

Fasken Oil and Ranch, Ltd. c/o W. Thomas Kellahin P. O. Box 2265 Santa Fe, New Mexico 87504-2265

Telefax No. (505) 982-2047

Administrative Order NSL-4838

Dear Mr. Kellahin:

Reference is made to the following: (i) your application on behalf of the operator, Fasken Oil and Ranch, Ltd. ("Fasken") dated January 16, 2003 (upplication reference No. pKRV0-301729968); and (ii) the records of the New Mexico Oil Conservation Division ("Division") in Santa Fe, including the file on Division Administrative Order DHC-3053: all concerning Fasken's request for an unorthodox gas well location in both the Strawn and deeper Atoka formations for its existing Howell "29" Com. Well No. 1 (API No. 30-015-21140), located 1980 feet from the North line and 2310 feet from the East line (Unit G) of Section 29, Township 20 South, Range 25 East, NMPM, Eddy County, New Mexico.

The N/2 of Section 29, being a standard 320-acre lay-down gas spacing unit for both the deeper wildcat Atoka formation and the shallower Strawn formation within either the Undesignated North Indian Basin-Strawn Gas Pool (97013) or Undesignated Cemetery-Strawn Gas Pool (74650), is to be dedicated to this well.

This application has been duly filed under the provisions of Division Rule 104.F, revised by Division Order No. R-11231, issued by the New Mexico Cil Conservation Commission in Case No. 12119 on August 12, 1999.

According to the Division's well records, the subject well was initially drilled in 1974 by David Fasken and completed in the Cemetery-Morrow Gas Pool (74640) at a location considered to be standard at that time.

It is further understood that the Morrow interval is to be abandoned at this time and that Fasken intends to plug the well back and recomplete up-hole into the upper-Pennsylvanian, Strawn, and Atoka intervals as proposed by Division Administrative Order DHC-3053, dated September 26, 2002. Pursuant to Rule 2 (b) of the "Special Rules and Regulations for the South Dagger Draw-Upper Pennsylvanian Associated Pool/General Rules and Regulations for the Associated Oil and Gas Pools of Northwest New Mexico and Southeast New Mexico," as promulgated by Division Order No. R-5353, as amended, this location is "standard" within the

Administrative Oder NSL-4838 Fasken Oil and Ranch, Ltd. February 5, 2003 Page 2

Undesignated South Dagger Draw-Upper Pennsylvanian Associated Pool (15475) for the proposed lay-down 320-acre spacing and proration unit comprising the N/2 of Section 29; however, in accordance with Division Rule 104.C (2) (a) this location is now unorthodox for the deeper gas bearing Strawn and Atoka intervals.

By the authority granted me under the provisions of Division Rule 104.F (2), the above-described unorthodox gas well location to both the Strawn and Atoka formations within this 320-acre unit comprising the N/2 equivalent of Section 29 is hereby approved.

Jurisdiction of this case is retained for the entry of such further orders as the Division may deem necessary.

Sincerely,

Lori Wrotenbery

Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Artesia

U. S. Bureau of Land Management - Carlsbad

File: DHC-3053

Fasken Oil & Ranch, Ltd. Howell 29 Com #1 Section 29; 20S; 25E 1980' FNL & 2310' FEL Eddy Co., New Mexico Spud 3-29-1974 TD 9675'

Geological Report

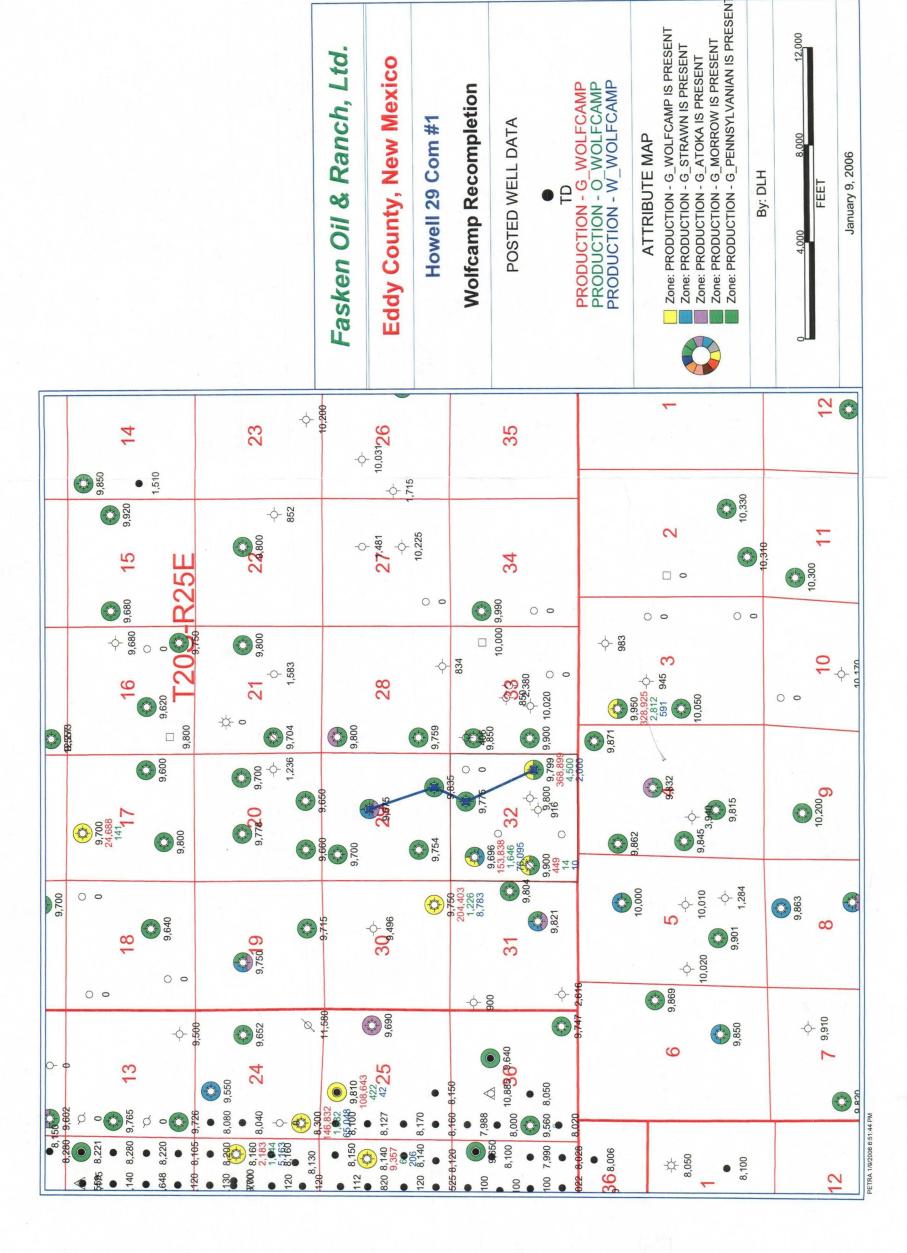
The Fasken Howell 29 Com #1 well was drilled at a non-standard location for a Morrow Sand target. While evaluating this wells electric logs using Schlumberger's Coriband Computer Processed Interpretation, Fasken identified some possible pay in the Wolfcamp Formation. Perforations in this well at this time are 7190'-7204'. Proposed perforations in the Wolfcamp are from 6736'-52'.

There are 10 Wolfcamp producers within 3 miles of this well that have a cumulative gas production ranging from 1.7 MMCFG to 369 MMCFG (only 2 of them over 300 MMCFG Cum). Because of the poor average gas Cum results to date and the scattered nature of the production, these zones have not been considered an economic exploration target in this area. However, when encountered they should be produced to prevent waste.

The Howell 29 Com #1 well is in the heart of Section 29 and does not encroach on nor drain other leases, but is less than 660' from the quarter section line.

Dexter L. Harmon CPG # 4326







NU MEXICO OIL CONSERVATION COMMISSIU... WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C 102 Supersedes (+125 Effective 14-65

on he from the outer boundaries of the Section Well No. HOWELL "29" DAVID FASKER Telenahir. EDDY 29 20 South a 1980 Dedicated Acresse 1 neducting 3542 320 Norrow ! ()utline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty) If have thate one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization force pooling etc? Yes X No If answer is "yes," type of consolidation _ If answer is "no," list the owners and tract descriptions which have actually I con consolidated. (Use reverse side of this form it necessary) STATE, FEDERAL, & Pooling Fee LEASES No allowable wal be assigned to the well until all interests have been consolidated (by communitization, unitization, Consider positing or otherwise for until a non-standard unit, climinating such interests, has been approved by the Commis-CERTIFICATION DAVIDI FASKEN DAUID FASKEN #40Z6 #L-2502 ereby certify that the information conrein is true and complete to the of my knowledge and belief DAVID FASKEN L. MERCER DAUID FASKEN Position #670 AGENI Company 2310 DAVID EASKEN U.S. (SURFACE) STHTE 3-22-74 US JE Howell US. I hereby certify that the well tocation on this plat was platted from field **EXHIBIT** knowledge and belief. Date Surveyed March 22, 1974 Registered Professional Engineer

1000

Pertificate No.

1559

KELLAHIN & KELLAHIN Attorney at Law

W. Thomas Kellahin Recognized Specialist in the Area of Natural Resources-oil and gas law-New Mexico Board of Legal Specialization P.O. Box 2265 Santa Fe, New Mexico 87504 117 North Guadalupe Santa Fe, New Mexico 87501

Telephone 505-982-4285 Facsimile 505-982-2047 kellahin@earthlink.net

January 13, 2005

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

NOTICE OF THE FOLLOWING NEW MEXICO OIL CONSERVATION DIVISION ADMINISTRATIVE CASE:

TO ALL PARTIES ON NOTICE LIST

Re: Administrative Application of Fasken Oil and Ranch, Ltd. to amended Order NSL-4838 to include the Wolfcamp formation as a formation to be produced at an unorthodox well location for it Howell "29" Com Well No. 1, Unit G N/2 Section 29, T20S, R25E, Eddy County, New Mexico

Dear Party:

On behalf of Fasken Oil and Ranch, Ltd. please find enclosed a copy of its referenced administrative application. If you have no objection, then there is nothing for you to do. If you are willing to waiver objection, please sign this letter as indicated and return it to me. However, should you have any objection to the Division approving this application, then it will be necessary for you to file a written objection with the New Mexico Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505 within twenty (20) days of the date of this letter. Failure to file a timely objection will preclude you from objecting at a later date.

. Thomas Kellahin

WAIVER OF OBJECTION	1 :
Ву:	with authority for
and on behalf of	
Dated:	



