ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -



	1220 South St. Francis Drive, Santa Fe, NM 8/505 Munchkin Fed. #19
	ADMINISTRATIVE APPLICATION CHECKLIST
THIS CHECKLI	TIS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE TO SANTA FE
[DHC] [nyms: -Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] C-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response] FAPPLICATION - Check Those Which Apply for [A]
	A] Uocation - Spacing Unit - Simultaneous Dedication [V NSL NSP SD
	NSL NSP SD heck One Only for [B] or [C] B] Commingling - Storage - Measurement DHC CTB PLC PC OLS OLM Injection - Disposal - Pressure Increase - Enhanced Oil Recovery WFX PMX SWD IPI EOR PPR
	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery WFX PMX SWD IPI EOR PPR
	O] Other: Specify
	CATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply My Working, Royalty or Overriding Royalty Interest Owners
	B] Offset Operators, Leaseholders or Surface Owner
	Application is One Which Requires Published Legal Notice
	Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
	For all of the above, Proof of Notification or Publication is Attached, and/or,
	Waivers are Attached
	ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE LICATION INDICATED ABOVE.
approval is accu	ICATION: I hereby certify that the information submitted with this application for administrative ate and complete to the best of my knowledge. I also understand that no action will be taken on this ne required information and notifications are submitted to the Division.
	Note: Statement must be completed by an individual with managerial and/or supervisory capacity.
Bruce ox 1056	Signature Attorney for Applicant 43/10 Title Date
OX 1030	

JAMES BRUCE ATTORNEY AT LAW

POST OFFICE BOX 1056 SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213 SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone) (505) 660-6612 (Cell) (505) 982-2151 (Fax)

jamesbruc@aol.com

June 3, 2010

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

Dear Mr. Fesmire:

Pursuant to Division Rule NMAC 19.15.15.13, Chi Operating, Inc. applies for approval of an unorthodox oil well location for the following well:

Well name:
Surface location:

Munchkin Fed. Well No. 19 2300 feet FNL & 400 feet FEL

Bottom hole location:

1300 feet FNL & 1000 feet FEL

Well unit:

NE¹/₄NE¹/₄ of Section 11, Township 19 South, Range 30

East, N.M.P.M., Eddy County, New Mexico

The well will be drilled to test the Delaware formation (Benson-Delaware Pool). Under the Division's statewide rules, spacing in the Delaware formation is 40 acres, with wells to be at least 330 feet from a quarter-quarter section line.

Please note that this well is in the Benson Delaware Unit, recently approved by the Division by Order No. R-13262. **Exhibit A**. The well will initially be a producer, and will later be converted to injection.

The E½NE¼ of Section 11 is covered by Federal Lease NM 0560353. Interest ownership (royalty overriding royalty, and working interest) in the well unit and in the offsetting acreage is uniform as to the subject depths. **Exhibit B** (this is part of Exhibit B to the Unit Agreement). Therefore, there is no adversely affected offset owner.

Please call me if you have any questions concerning this application.

Very truly yours.

James Bruce

Attorney for Chi Operating, Inc.

IT IS FURTHER ORDERED THAT:

(9) Chi Operating, Inc. (Operator) is hereby authorized to institute secondary recovery operations within the Unit Area initially by the injection of water into the Unitized Formation of the Benson-Delaware Pool, in the interval from 4470 to 5200 feet below the surface, through the following nine wells to be located in Township 19 South, Range 30 East, NMPM, in Eddy County, New Mexico:

Well Name	Surface Location	Bottom Hole Location
Munchkin #22W	900 FNL & 1980 FWL, C-12	930 FNL & 2620 FWL, C-12
Munchkin #21W		1050 FNL &1150 FWL D-12
Munchkin #20W	1400 FNL & 400 FWL, D-12	1350 FNL & 20 FWL, D-12
Munchkin #19W	2300 FNL & 400 FEL, B-11	1300 FNL &1000 FEL, A-11
Munchkin #18W		1500 FSL & 2200 FEL, J-1
Munchkin #17W		1700 FSL & 1500 FWL, K-1
Munchkin #16W		300 FSL & 1650 FEL, O-1
Munchkin #15W		300 FSL & 1550FWL, N-1
Munchkin #14W	330 FNL & 500 FWL, D-12	330 FNL & 330 FWL, D-12

- (10) No fresh water shall be used as make-up water or otherwise injected pursuant to the injection authorization herein provided.
- (11) Operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface from injection, production, or plugged and abandoned wells.
- (12) Injection into each of the wells identified above shall be accomplished through 2 7/8 inch plastic lined or fiberglass lined tubing installed in a packer located within 100 feet of the uppermost injection perforations or casing shoe. The casing-tubing annulus shall be filled with an inert fluid, and a gauge or approved leak-detection device shall be attached to the annulus in order to determine leakage in the casing, tubing, or packer.
- (13) The injection wells or pressurization system shall be equipped with a pressure control device or acceptable substitute that will limit the surface injection pressure to no more than 860 pounds per square inch.
- (14) The Division Director may administratively authorize a pressure limitation in excess of the above upon a showing by the operator that analytical ure will not result in the fracturing of the injection fo
- (15) The Division Director ma wells within the Unit Area as provided in

EXHIBIT ___

1 injection

7

Chi Energy, Inc. 14.50%	Murchison Oil & Gas, Inc. 10.00%	McCombs Energy, Ltd. 64.92%	Westbrook Energy, Inc. 0.50%	Pocahontas Oil Co., Inc. 0.50%	John W. Qualls 0.50%	Ken Seligman 0.50%	Rio Lobo Resources 0.75%
Crescent Porter Hale Foundation	15.00% Chi Rovalty Pool	1.50%					
Crescent Porter	Hale Foundation 100%						
127,3%							
550950 111	HBP						
	1 6 0.00 acres						

Brazos Limited Partnership 5.00%

اي

Gene Shumate 1.33%

EXHIBIT 5

Brazos Limited Partnership 5.00%

Gary Green 1.50% Gene Shumate 1.33%

19S-30E \$1: NE'\SW'\ \$11: E\NE'\ \$12: SW'\NW'\

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Rureau



		1220 South St. Francis Drive, S.	- Au	
		ADMINISTRATIVE API	PLICATION CHECKLIST	
TH	IIS CHECKLIST IS M		ICATIONS FOR EXCEPTIONS TO DIVISION RULES	S AND REGULATIONS
Applic.	[DHC-Dow [PC-Po	s: ndard Location] [NSP-Non-Standar nhole Commingling] [CTB-Lease ool Commingling] [OLS - Off-Leas [WFX-Waterflood Expansion] [PN [SWD-Salt Water Disposal] [d Proration Unit] [SD-Simultaneous D Commingling] [PLC-Pool/Lease Con e Storage] [OLM-Off-Lease Measure MX-Pressure Maintenance Expansion] [PI-Injection Pressure Increase] Fication] [PPR-Positive Production R	nmingling] ement]
[1]	[A]	PLICATION - Check Those Which Location - Spacing Unit - Simultan NSL NSP SD SD One Only for [B] or [C] Commingling - Storage - Measure DHC CTB PLC	ment Dedication	Application
	[C]	Injection - Disposal - Pressure Incompact WFX PMX SWI		REOF 2010 JU
[2]	NOTIFICAT [A] [B]	ION REQUIRED TO: - Check The Working, Royalty or Overridi Offset Operators, Leaseholde		RECEIVED O
	[C]	Application is One Which Re	quires Published Legal Notice	A 10: 01
	[D]	Notification and/or Concurrer U.S. Bureau of Land Management - Commiss		
	(E) [F]	For all of the above, Proof of Waivers are Attached	Notification or Publication is Attached,	and/or,
[3]	SUBMIT AC	CURATE AND COMPLETE INF ATION INDICATED ABOVE.	ORMATION REQUIRED TO PROC	CESS THE TYPE
	al is <mark>accurate</mark> a		rmation submitted with this application ledge. I also understand that no action are submitted to the Division.	
James Bruce P.O. Box 105 Santa Fe, Nev	6	Signature	Attorney for Anticle jamesbruc@aol.o	oplicant 6/11/10
			e-mail Address	

JAMES BRUCE ATTORNEY AT LAW

POST OFFICE BOX 1056 SANTA FE, NEW MEXICO 87504

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jamesbruc@aol.com

June 3, 2010

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

Re: Amended application

Dear Mr. Fesmire:

Pursuant to Division Rule NMAC 19.15.15.13, Chi Operating, Inc. applies for approval of an unorthodox oil well location for the following well:

Well name: Munchkin Fed. Well No. 19
Surface location: 2310 feet FNL & 320 feet FEL

Delaware entry point: 1900 feet FNL & 650 feet FEL (approx. 4170 feet deep)

Bottom hole location: 1300 feet FNL & 1000 feet FEL

Well unit: E½NE¼ of Section 11, Township 19 South, Range 30

East, N.M.P.M., Eddy County, New Mexico

The well will be drilled to test the Delaware formation (Benson-Delaware Pool). Under the Division's statewide rules, spacing in the Delaware formation is 40 acres, with wells to be at least 330 feet from a quarter-quarter section line. A Form C-102 is attached as **Exhibit A**.

The well is in the potash area, and the BLM severely restricts well locations in that area. Please note that this well is in the Benson Delaware Unit, recently approved by the Division by Order No. R-13262. **Exhibit B**. The well will initially be a producer, and will later be converted to injection. The bottom hole location was selected for its location as an injector.

The E½NE¼ of Section 11 is covered by Federal Lease NM 0560353. Interest ownership (royalty overriding royalty, and working interest) in the well unit and in the offsetting acreage is uniform as to the subject depths. **Exhibit C** (this is part of Exhibit B to the Unit Agreement). Therefore, there is no adversely affected offset owner.

Please call me if you have any questions concerning this application.

Very truly yours,

James Bruce

Attorney for Chi Operating, Inc.

DISTRICT I

State of New Mexico Energy, Minerals and Natural Resources Department



1626 M. FRENCH DR., HOBBS, NM 68240

DISTRICT II 1301 W. GRAND AVENUE, ARTESIA, NW 88210

DISTRICT III

1000 Rio Brazos Rd., Axtec, NM 87410

40

OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR.

Form C-102 Revised October 12, 2005 Submit to Appropriate District Office State Lease - 4 Copies Pec Lease - 3 Copies

Santa Fe, New Mexico 87505

DISTRICT IV 1220 S. St. PRANCIS DR., SANTA PK, NM 875	WELL LOCATION AND ACRE	AGE DEDICATION PLAT	□ AMENDED REPORT
API Number	Pool Code 97083	Pool Name Benson Delawa	re
Property Code	Property Na		Well Number
27108	MUNCHKIN F		19
ogrid No.	Operator Na		Blevation
4378	CHI OPERA		3426'

Surface Location UL or lot No. Section Township Range Lot Ida Feet from the North/South line Feet from the East/West line County Н 11 19-S 30-E NORTH **EAST EDDY** 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 Α . 11 19-S 30-E 1300 **NORTH** 1000 EAST **EDDY** Dedicated Acres Joint or Infili 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

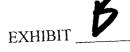
			KKKKKKKKKKKKK	· ·
<u> </u>			8	OPERATOR CERTIFICATION
			1300	I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unlessed mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an
			8 B.H. 	owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
NAD 2 SURFACE	COORDINATES 27 NME LOCATION 747.2 N		TOWN TO SECTION TO SEC	Eleorge R. Smits/17/09 Signature Date
X=622	605.3 E		O. SURF.	George R. Smith, agent
	675662° N 8.934877° W 		400' SEE DETAIL WXXXXXXXXXXXXXXXX	SURVEYOR CERTIFICATION
Y=610	LE LOCATION 745.9 N 002.3 E		<u>DETAIL</u> 3416.9' 3434.1'	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.
922	1		600° 3425.9° 3451.7°	MAY 5 20095 M
	1			Date Surveyed REL 05/19/09 AR Signature & Soal of Professional Sur0939
	EXHIBIT	A		Brall Endson of 16/09
	· 			Certificate No. GARY EIDSON 12841 RONALD J. EIDSON 3239

IT IS FURTHER ORDERED THAT:

(9) Chi Operating, Inc. (Operator) is hereby authorized to institute secondary recovery operations within the Unit Area initially by the injection of water into the Unitized Formation of the Benson-Delaware Pool, in the interval from 4470 to 5200 feet below the surface, through the following nine wells to be located in Township 19 South, Range 30 East, NMPM, in Eddy County, New Mexico:

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Munchkin #18W	2310 320	1500 FSL & 2200 FEL, J-1
Munchkin #17W		1700 FSL & 1500 FWL, K-1
Munchkin #16W		300 FSL & 1650 FEL, O-1
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- (15) The Division Director ma wells within the Unit Area as provided in



Linjection

Chi Energy, Inc. 14.50%	Murchison Oil & Gas, Inc. 10.00%
Crescent Porter Hale Foundation 15.00%	Chi Royalty Pool 1.50%
Crescent Porter Hale Foundation 100%	
12%%	
NM 0560353 HBP	
160.00 acres	
19 <u>S-30E</u> §1: NE%SW% §11: E%NE%	§12: SWKNWK

Brazos Limited Partnership 5.00%

Gene Shumate 1.33%

McCombs Energy, Ltd. 64.92% Westbrook Energy, Inc. 0.50% Pocahontas Oil Co., Inc. 0.50%

EXHIBIT C

Brazos Limited Partnership 5.00%

Gene Shumate 1.33%

Rio Lobo Resources 0.75%

Gary Green 1.50%

John W. Qualls 0.50% Ken Seligman 0.50%

Brooks, David K., EMNRD

From:

Brooks, David K., EMNRD

Sent:

Monday, June 07, 2010 3:27 PM

To:

'jamesbruc@aol.com'

Subject:

Munchkin Fed #19; NSL Application

Dear Jim

I have now received the amended application and the C-102 for this well.

It seems that the encroachment is toward the NW/4 NE/4 and the SW/4 NE/4 of Section 11. The SW/4 NE/4 is part of the unit, but the NE/4 NW/4 is not part of the unit, nor is it included in the lease to which you refer (according to the information sheet attached to your original application). Does your statement that interest ownership is identical refer to the NW/4 NE/4?

Sincerely

David

JAMES BRUCE

Attorney at Law
Post Office Box 1056
Santa Fe, New Mexico 87504
Telephone: (505) 982-2043
Fax: (505) 982-2151

jamesbruc@aol.com

DELIVER TO: David K. Brooks

COMPANY: Oil Conservation Division

CITY: Santa Fe, New Mexico

FAX NUMBER: (505) 476-3462

PAGES: 4 (including cover sheet)

DATE: 6/8/10

MEMO: David: Notice re: Chi unorthodox location application.

CONFIDENTIALITY NOTICE

This transmission contains information which may be confidential or legally privileged. The information is intended only for the named recipient. If you are not the intended recipient, copying or distribution of the information is prohibited. If you have received this transmission in error, please call us and return the document to us. Thank you.

JAMES BRUCE ATTORNEY AT LAW

POST OFFICE BOX 1056 SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213 8ANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone) (505) 660-6612 (Cell) (505) 982-2151 (Fax)

iamesbruc@nol.com

June 8, 2010

Certified Mail - Return Receipt Requested

To: Persons on Exhibit 1

Ladies and gentlemen:

Chi Operating, Inc. has filed an application with the New Mexico Oil Conservation Division seeking an unorthodox oil well location in the Delaware formation in the E½NE½ of Section 11, Township 19 South, Range 30 East, N.M.P.M., Eddy County, New Mexico. A copy of the application is enclosed. The well is unorthodox by 10 feet. You offset the well. If you object to the application, you must notify the Division in writing no later than 20 days from the date of this letter (the Division's address is 1220 South St. Francis Drive, Santa Fe, New Mexico 87505). Failure to object will preclude you from contesting this matter at a later date.

Very truly yours.

James Bruce

Attorney for Chi Operating, Inc.

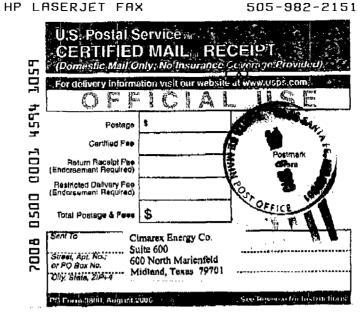
EXHIBIT 1

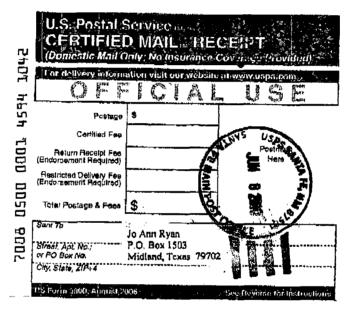
Great Western Drilling, Ltd. P.O. Box 1659 Midland, Texas 79702

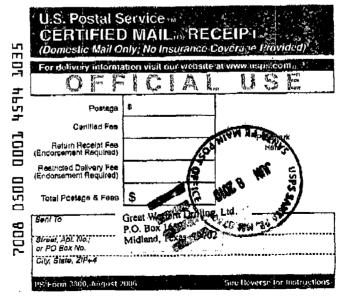
Jo Ann Ryan P.O. Box 1503 Midland, Texas 79702

Cimarex Energy Co. Suite 600 600 North Marienfeld Midland, Texas 79701

Attention: Mike Wallace







JAMES BRUCE Attorney at Law Post Office Box 1056 Santa Fe, New Mexico 87504 Telephone: (505) 982-2043 Fax: (505) 982-2151

iamesbruc@aol.com

DELIVER TO: David K. Brooks

COMPANY: Oil Conservation Division

CITY: Santa Fe, New Mexico

FAX NUMBER: (505) 476-3462

PAGES: 2 (including cover sheet)

DATE: 6/22/10

MEMO: David: See attached waiver re: Chi Operating unorthodox location filed earlier today. Any expediting you

could give to this application is appreciated.

CONFIDENTIALITY NOTICE

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Brooks, David K., EMNRD

From:

Brooks, David K., EMNRD

Sent:

Monday, June 07, 2010 11:55 AM

To:

'jamesbruc@aol.com'

Subject:

RE: Chi Operating/Munchkin No. 19 unorthodox location application

Dear Jim,

I have now received the referenced NSL application, but there is not a C-102 attached. Please furnish form C-102.

David

From: jamesbruc@aol.com [mailto:jamesbruc@aol.com]

Sent: Thursday, June 03, 2010 2:07 PM

To: Brooks, David K., EMNRD

Subject: Chi Operating/Munchkin No. 19 unorthodox location application

David: I filed the application this a.m., and realized I'd forgotten to tell you the reason for the location: This acreage is in the potash area, and the BLM severely restricts surface locations.

Jim