NSL 12/26/97

### BURLINGTON RESOURCES

MID-CONTINENT DIVISION



December 1, 1997

Mr. Mike Stogner , Oil Conservation Division 2040 South Pacheco Santa Fe, New Mexico 87505

RE: Request for Administrative Approval
Unorthodox Location
Pitchfork '4' Federal Well No. 2
Sec. 4, T25S, R34E, Lea County, New Mexico
Lease No. NM16139

#### Mr. Stogner:

Burlington Resources Oil & Gas Company respectfully request approval for an unorthodox well location on the above referenced wellbore. The well was originally drilled to 14, 100' and perforated in the Atoka formation. The surface location is 1830' FSL & 1980' FWL, with a 320 acre proration unit. It is our contention to plug off the Atoka perforations and come uphole to the Wolfcamp, top @ 12,700' and the Strawn, top @ 13,700' and downhole commingle these zones. An offset wellbore was drilled 150' north of this wellbore, surface location, and is currently producing from the Morrow formation. The logs of the offset wellbore indicate a Wolfcamp reef deposit that is not present at the current location of the number 2. A survey was ran on the number 2 which indicated the location at the top of the Wolfcamp formation to be 1717.55' FSL & 2052.2' FWL. Therefore, it is the request of Burlington to kick off the Pitchfork #2 at approximately 12,700' and directionally drill due north to where this discontinuous reef deposit is indicated. Because the field rules, Pitchfork Ranch Wolfcamp and Pitchfork Ranch Strawn, both require 660' from the north line of a lay down 320 acre proration unit, and as indicated on the enclosed maps, shows the deposit to be roughly 57' north of an orthodox location, Burlington is requesting an unorthodox approval to drill no closer than 330' from the north line of the 320 acre proration unit in order to adequately penetrate this Wolfcamp linestone. The Strawn formation is a continuous limestone deposit from both wellbores however, is uneconomical to produce independently.

The true encroachment of this request is to the offset operator directly north of the wellbore. Copy of said application has been mailed.

Should you need additional information, or have any questions, please contact me at 915-688-6906.

Sincerely,

Maria L. Perez

Regulatory Compliance

District I

PO Eox 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, 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 Numbe	er		<sup>2</sup> Pool Co	ode			<sup>3</sup> Pool Name				
30-025	-30331			82950/5	0374		Pitchfo	ork Ranch Wo	1fcamp/St	rawn		
<sup>4</sup> Property	y Code		•		5 Prop	erty Nai				<sup>6</sup> Well Number		
0143					Pitchfork	'4'	Federal	•				
<sup>7</sup> OGRII	No.				8 Oper	ator Na	me			9 Elevation		
264	85			Burling	ton Resour	ces 0	il & Gas Compa	ny		3361'		
				Þ	<sup>10</sup> Surface	Locati	on					
UL or lot no.	Section				Feet from	the	North/South Line	Feet from the	East/West li	ine County		
K					1830	0,	South	1980′	West	Lea		
			11	Top of	Producing 1	nterv	al Location					
UL or lot no.	Section	Township	Range	Lot. Idn Feet f		the	North/South Line	Feet from the	East/West 1	ine County		
K	4 25S 34E				1717.	55'	South	2052.2	West	Lea		
<sup>12</sup> Dedicated Acr	es 13 Join	t or Infill	<sup>14</sup> Consolidation	n Code 15	Order No.							
320												
NO ALLO	WABLE V	VILL BE A	ASSIGNED	TO THIS	COMPLET	ION U	NTIL ALL INT	ERESTS HAV	E BEEN C	ONSOLIDATED		
		OR A	NONSTA	NDARD	UNIT HAS	BEEN	APPROVED BY	THE DIVISI	ON			
**								17 OPERA	TOR CERT	TIFICATION		
								I hereby certify	that the inform	ation contained herein my knowledge and belief		
									·,	,,		
							·		Ω			
								Marin	i Peres			
								Signature	7	<u> </u>		
	i					1		Maria Pere	27			

<u>Maria Perez</u> Printed Name Regulatory Compliance Title 12/2/97 Date **SURVEYOR CERTIFICATION** I hereby certify that the well location shown on this plat Pro. Bottomhole Location 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. Top of Producing Orthodox Window 320 Acre Proration Unit Interval Location, 1650' 1650' Date of Survey Signature and Seal of Professional Surveyer:

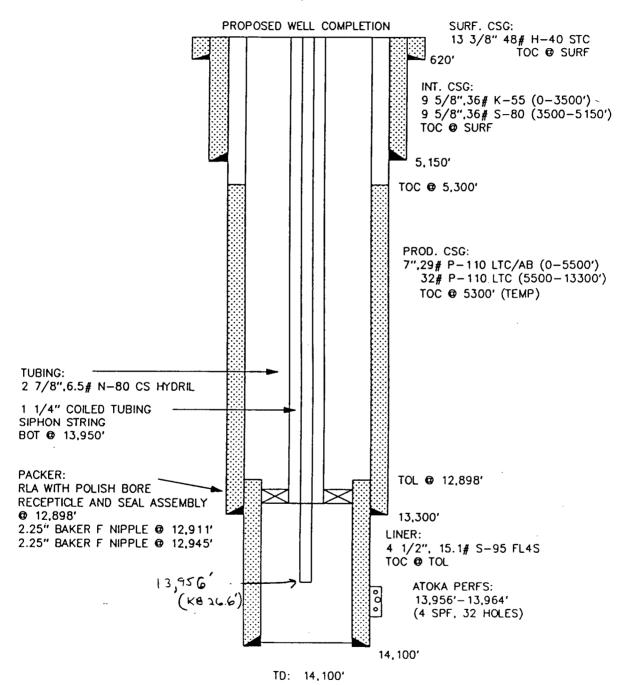
Certificate Number

FILE: PITCH4#2.DRW ALB: 2/14/96

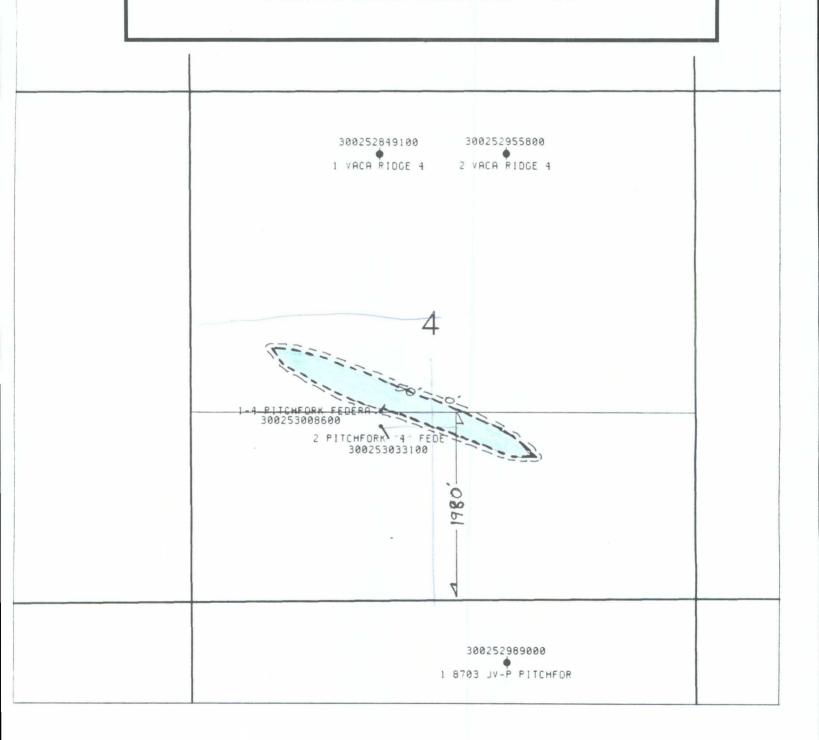
#### PITCHFORK 4 FEDERAL NO. 2

PITCHFORK RANCH FIELD LEA COUNTY, NEW MEXICO

WI= 100%, NRI=83.5%



# "TARGET LIMESTONE" NET CLEAN LIMESTONE CONTOUR INTERVAL = 50'



#### REQUEST FOR UNORTHODOX LOCATION ADMINISTRATIVE APPROVAL PITCHFORK '4' FEDERAL WELL NO. 2 LEA COUNTY, NEW MEXICO

#### **OFFSET OPERATOR NOTIFICATION**

Robert E. Landreth 505 N. Big Spring, Ste. 507 Midland, Texas 79701

\* Mr. Landreth is the operator of record for the N/2 of Sec. 4, T25S, R34E, Lea County, New Mexico He purchased Enron's leases.

- Ennen stoleful ougenall and

'a/M/	HBC DECEMBER OF THE PROPERTY O	TDIA 90A  "Government" U.S., MI Billie Forther & Mary Hale  Madera, etal, S	-abeen txpl.	4 Alisan Hugnes.etalM.L. Carl Denison Delia Groson M.I. min. divided	M.C. Case   M.L. Res   3 2 96   5 4 96   5 4 96   6 1 20 96   1 20 96   6 1 20	⊕ U.S. In Rubert Mack
(chardson 0il   Merioder   50. Roy.   2-1-61 (2)	Superior HBP 17241 HBC Superior 17241 W/2 Sa Rout Fed. W/2 0(A.3) 3 86	Meridian U.S.M. HBP Rubert Madera	Superior HBP Rubert Meridian 1724 Madera, et al 4 1 04	Elai WENE	Enserch /2  1 1 2006  Mork O Dulyn  1 2006  95247  150 00  Modera of the last	Rubert Til
2 4 1 2 2 6 67 (23 Mil) [ 1 2 6 67 (23 Mil) [ 2 6 67 (23 Mil) [ 2 6 67 (23 Mil) [ 2 6 6 6	19	(Superior)  172 41  Vaca Ridge Feel.  U.S., MI	Mer- dian Superior of March 10 18 84 11 183	10 25-84 HNG 01 BTA 31 MONT BONG 10 25-84 FTA 10 25-84 FT	Ener 9 26 97 6 1 63 10 1 93 646 56755	Juo
30. Roy So. Roy Yates Pet . etal 12 1 99 V 4530 107 92	7 1 2001 Enron HBP 29001 Enron	Enron Aztec 20081 IEI39 U.S.M.I. **Rubert Madera(S)	Aztec Enron Mrchison  Aztec (HNG) N/2 MBC Pircheok Enron 19.452 Ranch Fed T0 19.205	Dalen Res BTA Dalen Res Aztec  1 1997 915 97 997 1819 1997 18199  Lind Phan A BTA 1999 7 18199  Lind Phan A BTA 1999 7 18199  Dalen Res 1900 1997 1997 1997 1997 1997 1997 1997	Enron   J.L.    12-16-88, Mooper	Mitchell Ener 3.1.2004 92783 75 od Rest
(978) (2 6 Mil.) Rathlesnake Gulch-5+ TD 15,360 0M 1 to 86	1884 J. So Royalty  1.50 So Royalty  1.5	19 29 89 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	JA Yotes Mic Yotes HBP 5/2.S. HBP IS 1 U.S. HBP INGO IN TUBER MODERAL IS 6846	PGEE \$\int\{\sigma} \\ \frac{9765}{975004} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	Enron Santa Fe 12 13 88 3 16-94 W. Jaylor Poge.	Mitchell Ener. 3-1-2004 92783 7500
Enron  LG +235 Kirklin  Lee-59  DM 10-24-59	39 % 4.   Enron   Suff-fed   19 % 25-74     19 % 26   Enron     Enron   2889   "Ollon"     31   Tols, 275-5, 36,8 % 4.	HNG.etal   HNG.etal   HRP   HADDER'S   HRP   HADDER'S	Exxon  HBP 219H  O'S MILL  Pigmand E Hell F  Srate  HNG)  Enron  Enron  Extending  HNG  Enron  Enron  HNG  Enron  HNG  Enron  HNG  Enron  HNG  HNG  HNG  HNG  HNG  HNG  HNG  HN	(R.E. Landreth) Erron to 19435' HBC W72 (HNG) Protection To 19435' HBC W72 (HNG) Protection Transport Tran	MJ Mitchell Ener_	HNG Protrible 99 To 18 2 8 84
756 Enron Ocamond- Fed-Muse 101580 T0 5332 1016 004 7 6 61 12 5M	"Diamond Fed" As Commond Fed C	*Madera St ** 10 5568	Exxor   Madera-Fed."  HBP   Wadera-Fed."  U.S.	Enserth IN Scrope Made of Mollett	U.S., MI Rubert State Madery, etal (S) 35 73 Ac 4159 85 Ac 31 35 35 Ac 21 40 05 Ac I	Rube
3 544 4 17 564 3 133 6 123 6 4 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	19 M 4 1 359 M 7 3159 80 PC 2 3946 AC 1 Enron  19 M 4 1 14457 (HNG 011) Morrow (Disc. Pred. 17 151,660)  2 3 3 7 Mil. 17 151,660	\$\\ \text{Enron}\\ \text{Side}\\ \text{Enron}\\ \text{Samedan \$\sin \text{Mil.}_{\text{MNG}}\\ \text{Enron}\\ \text{Samedan \$\sin \text{Mil.}_{\text{MNG}}\\ \text{Diamond \$s\$-Fed.}\\ Diamond \$s	From Control of the C	(Enserch) 2 Samedan Enron 2 R.E. Landreth 3/4 (HNG 011)21 R.B. Lan		39959 39959 Sun
Enror Hallwood Fed 2 Hallwood Fed 2 U.S. F212	Enron H8P 30400 MI 18640 LANGE STATE	Enron HBP 104.5.350 U.S.	(Meridien) 2 Burlington Pichfork 3.9 Mil. Pichfork 7015230 Pitchfork RehFed." U.S.	2 d'Altura) fue Enron, 2/3 (Mg) Enron, 2/3 (HNG Oil) "Warren" 10, 15, 420 Otho N. Marren, M.J. (World 15, 15, 420 U.S.	\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	39959     W.S.,MI Jr
F400 (Quinoco etal)	59.04 / 05   Enron Diamond 77 Fed Com 14437 (P/D) Fish (A Mill) 18344 4   12050   4 Mill (A Mill) 18344 4   12050   2   12050	14457 Enron Fed (Myco Ind.) Diamond - Fed (Myco Ind.)	Aztec	Paul Page, Jr. Va Mil Margan Bryan Est, era E Robert Moore, Mi	Sun Expl. Pitchfork Pitchfork Biler	
12  5 7 4  6 7 9  10 10 10 10 10 10 10 10 10 10 10 10 10 1	Diamond   Enron   F302 2   19625   1	Enron HBP   Enron 18640 HBC S/2 19625	Yates (Witten, etal) 11:13 U.S., MI 1902 Dipmond E. Half, Inc. (S)	Tennace Perry E Perry Smith 2 - 7 2000 530 2000 Smith 2 - 7 2000 530 2000 To See August Person 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mitchell Fact 3 92784 60 92 U.S. MI Diamond E, Half, Inc. (S)	
Enror   U.S., M/I	39.6/Ac / 2 3 F3090 4	F365 € U.S.M.I   Enroll Factor File   Enroll Facto	Yates Pet, etal 3   99 V 4319	Mitchell Encon Firet 3 . 2004 92794 92794 92794 1 2004 92794 1 2004 92794 1 2004 92794 9274 927	E un  8 24 97 Enron  9 22 97 Enron  1 8 97 Enron  1 8 97 Enron  (P/B) (P/B) (P/B) (P/B)  (W.J. Bares, Jr. ero/ M.J. 626 (1 Mil)  Ether Chism, 3/M/2, 170 (256)	
Wobse   3 0,A12 22 91  *Vaca-Fed."  U.S.	MM 1 6 18 U.S.M.I		16 State	S.R. Brown, M.I. U.S., MI Empire Gap, RM State, S. B. Half, Inc. (S)	Enron Exson Miles 94107 14009 14107 1410 1410 1410 1410 1410 1410 141	
Enron HBP 24490 (Amoco) Andrikôpoulous	######################################	E1ron Enron 3-1-2005 3 1 2005 9.4625 9.4625 510 ∞ 510 ∞	Enron 12   2004 94109 17 <b>9</b> 9	Enron (Z   2004 9410 4800 U.S., MI State, S	Yates Pet etal 89826 40 00 U.S., MI Diamond E. Half, Inc. (\$)	89179 15 99
Fed.  Marrow D.SC 24  Marrow D.SC 24  Marrow D.SC 24  Referris Androwoounous  Settly Fed.  Androwoounous  Settly Fed.  On 6 2 81  U.S., M.  Share, S.	Ashmun E. Half Inc. (3)	U.S.M.I.    Dismand   Enron	21 Continental Fibel Notar Fed. TO 5600 D/A 3-19-56	Enron 12   2004 94   IC 480 9	23 2 Enron 9 4 1 1 680 °° U. 3.	U.S
Parker t, Hersley, 1/2 5 1 206 5 1 206 5 1 206 9401 05 90	France Chevron	Chevron Enron 3 1 99 12 1 2004 V 4320 9415 15 63 330 00	Enron 12 + 2004 94415 330 22	Enron 12 1 2004 94110 480 20	Enron 17   2004 94  4 445 <u>°</u> °	
105 to 1004   10	30 A	29	28	27 Terméco 27 Cant X-Fed 108555 074 10-11-64	26	

### BURLINGTON RESOURCES

MID-CONTINENT DIVISION

December 16, 1997

Mr. Mike Stogner
State of New Mexico
Energy, Minerals and Natural Resources Dept.
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505



RE: Attached is copy of Signed Waiver Letter from the Offset Operator of the previously submitted application for an unorthodox Sidetrack Lateral Bottom Hole Location

Burlington Resources Oil & Gas Co.

Pitchfork "4" Federal #2, (Lse. #NM 16139)

Surface Location: K, 1830' FSL & 1980' FWL

Sec. 4, T25S, R34E

Lea County, NM

Dear Mr. Stogner:

Enclosed is a copy of the signed waiver by Mr. Robert E. Landreth of Robert E. Landreth Oil and Gas Exploration who is the offset operator to the north who's lease we are encroaching upon.

The initial application requesting administrative approval for an unorthodox sidetrack lateral bottom hole location was submitted to you on December 1, 1997.

Sincerely,

Maria L. Perez

Regulatory Representative

Maria L. Perz

A/C 915-688-6906

# *BURLINGTON*

MID-CONTINENT DIVISION

October 6, 1997

Robert E. Landreth Oil and Gas Exploration 505 N. Big Spring St., Suite 507 Midland, Texas 79701

RE: Pitchfork "4" Federal Lease Well No. 2 K, 1830' FSL & 1980' FWL Sec. 4, T25S, R34E Lea County, New Mexico

Dear Mr. Landreth:

Burlington Resources Oil & Gas Company's Pitchfork "4" Federal Well No. 2 surface location is 1830' FSL & 1980' FWL in Sec. 4, T25S, R34E. Upon running of a directional survey, the bottom hole location was found to be 110' south of the 2052 REV surface location or 1879' FSL & 1989' FWL. It is our intention to sidetrack this wellbore in a north/northeast direction at a 25 degree angle to a bottom hole location no closer than 330' from the north line of the laydown 320 acre proration unit. According to the field rules for this well, a legal location from the north boundary is 660', therefore our intended location will be encroaching on a Landreth operated property. Burlington Resources respectfully requests a waiver from Robert E. Landreth Oil and Gas Exploration on said encroachment. By signing below, Robert Landreth waives any protest to this unorthodox location.

Upon completion of this intended sidetrack, Burlington intends to downhole commingle the Strawn and Wolfcamp formations. As an offset operator to the proposed commingling, Burlington is seeking a waiver of any protest from Robert E. Landreth Oil and Gas Exploration. By signing below, Robert E. Landreth waives any protest and has no objection to the downhole commingling.

12/1/97 Date

Signature

#### Page -2-

Should you have any questions, or need additional information, please do not hesitate to contact Mr. Chris Settle, Production and Reservoir Engineer at A/C 915-

628-6740

Sincerely,

Maria L. Perez

Regulatory Representative

Maria I Pere

A/C 915-688-6906

county Lea Pool Pitchfork Ranch-Strawn

TOWNSHIP	24 South	Range 3	4 East	NMPM	
6	5	4	3	2	1
7 -	8	9	10	11	-12
18	17	16	15	14	13
		¥.			
*					
19	20	21	22	23	24
28			7. 20- Sta		
30	29	28	27	26	25
			1000		
2					
31	32	33	34	35	36

Description: NE/4 Sec. 34(R-9271, 8-28-90)

				4	-3%		44		- 64	2	198	100			198
6	5		4 -	Y.		3					Will be	- 14			
4.					3	ANC. P.S.				持	- No.		100	- 40°	
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- 35	124	78 B				100 h		Bert	4	100	
7 -	8			155		10		-/6		1-	16		-1	2 —	
						3 <sup>2</sup> x Y		- 4			972	100	a R	1/30	
			E i ig	81				The state of the s		100	10	100	10	100	
			86		2	4 - 1	100				16	- 16	100	100	L
18	17		-16 -	- 34-	- 47	- 15 <b>-</b>	93		- 1	4			-1	3	L
					Tal.	- Aug or Seligion						700	100		
	3 1 5	-									(840)	1			
							- Appl - 1988 - 1988	100	148	38	- 10			- 6	1
19	20		-21-	- 474	49	- 22 -		100	- 2	3-	11%; 25%;	. 1	- 2	4 —	L
					-	***   3%	*# Zig				-	4.53		1	100
		1		i.			35	- 19	. 7	W/A			*		-
			189	- 900				167	- 2	- 40	M.	17.0			-
30	29		- 28 -		20	-27-	, ,	7,50	- 2	6 –		73	- 2	5 —	-
					15	#0   Target	2	100	- 75		100	146		4	
					-							- 37.0		40	-
			10°		+			-			7			176	-
31-	32		-33-			-34-			<b>-</b> 3	5 —			- 3	5 —	-

Description: 554 Sec.14  Ext: N/2 \$ 54 Sec.14 (R-4)	4996, 4-8-75) Ext	-: N/2 SEC 10.	1/2 SEC.11	_
(R-8561 124/87) Ext: 5/2 Sec.	3 (R-9937,8-17-93)	Ext. N/25ec.	(R-1058	8,4-26-96
				_
	1			-
		*		•
	, ·			
			l* · · ·	

### BURLINGTON RESOURCES

MID-CONTINENT DIVISION 1-13-98

Mr. Mike Stogner
State of New Mexico
Energy, Minerals and Natural Resources Dept.
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

RE: Additional comments you requested on our application for a bottom hole unorthodox location.

Burlington Resources Oil & Gas Company <u>Pitchfork "4" Federal #2</u> (Lse. #NM 16139) Surface Location: K, 1830' FSL & 1980' FWL Sec. 4, T25S, R34E Lea County, New Mexico

Dear Mr. Stogner:

The following are the comments you requested made by the reservoir engineer and the geologist for this area.

The contour plat attached to our application for an unorthodox location is an interpretation of the reef deposition in the Wolfcamp interval. It is oriented along the published coastline during that geologic time.

Reef deposits are highly discontinuous and the only penetration of that Wolfcamp reef deposit is the Pitchfork 4 Federal #1 well to the north. The Pitchfork 4 Federal #2 well offset the #1 well 150' to the south and targeted the Wolfcamp reef and Atoka intervals. Despite the close proximity of the locations, the well missed the Wolfcamp reef. Due to the discontinuous nature of the reef deposit in addition to the lack of control, an orthodox location to the east has a much lower probability of success and may again miss the Wolfcamp reef. The proposed capital workover targeting the reef to the north will ensure we encounter the Wolfcamp reef at its only known location.

Please call me A/C 915-688-6906 if you require additional information.

Sincerely,

Maria L. Perez

Regulatory Representative

Maria I. Perez

3300 N. "A" St., Bldg. 6, 79705-5406, P.O. Box 51810, Midland, Texas 79710-1810, Telephone 915-688-6800

#### ENGINEERING BUREAU MEMORANDUM

TO:

Ed Martin - OCD, Santa Fe

Chris Williams, Supervisor - OCD District I, Hobbs

Maria Lopez - Burlington Resources Oil & Gas Company, Midland, Texas

FROM:

Michael E. Stogner, Chief Hearing Examiner/Engineer

SUBJECT:

Fairview Mills-Wolfcamp Gas Pool

DATE:

January 13, 1998

Subsequent to a recent review of an administrative application filed by Burlington Resources Oil & Gas Company, there appears to be some confusion regarding spacing within the Fairview Mills-Wolfcamp Gas Pool, which comprises all or portions of Sections 3, 9, 10, 11, and 14, all in Township 25 South, Range 34 East, NMPM, Lea County, New Mexico.

In 1975 the Fairview Mills-Wolfcamp Gas Pool was created and special rules were temporarily adopted for said pool which included provisions for 640-acre spacing, as promulgated by Division Order No. R-4996, issued in Case 5438 and dated April 8, 1975. By Division Order No. R-4996-A, dated September 27, 1985, these special rules were rescinded and the rules governing said pool reverted to the applicable statewide spacing rules which provides for 320-acre spacing units. Copies of the two aforementioned orders are attached should you need to reference them.

To alleviate any further confusion, please make any necessary adjustments to the Division's records and any ONGARD data base regarding this pool. Thanks.

K E O H O Z	POOLIDN	POOL NAME	WELL	POOL TYPE	YPE	OIL WELL SPACING	GAS WELL SPACING	GAS/OIL LIMIT	DEPTH BRACKET
ı W	76074	DIAMONDTAIL, ATOKA, NORTH (GAS)	1 , 1	Non Gas	s Prorated	0	320	0	0
ςΩ	76075	DOG CANYON; STRAWN (GAS)				0	320	0	0
S)	76076	DOS HERMANOS; MORROW,	7	Non		0	320	0 (	0
S) (	76079	DIAMOND MOUND; MORROW	29	uon :		0	320	o (	0
C) C	76080	DOS HERMANOS; MORROW	ч.	Non		0 0	640	0 6	0 (
ט ני	18097	200	<b>⊣</b> (	Non 1		0 0	320	5 6	<b>.</b>
o co	76085		<b>v</b> 0	Non Gag	s Frorated	<b>,</b>	160	0	0 0
y C	76090	DOUBLE X: MORROW WEST (GAS)	, 0	Non			320	, ,	o e
S	76100		0	Non		0	320	0	0
ß	76110	DRAPER	0	Non Gas		0	320	0	0
S	76115	DRAPER MILL; WOLFCAMP (GAS)	7	Non Gas	s Prorated	0	320	0	0
S	76117	DUBLIN; DEVONIAN (GAS)	7	Non Gas	s Prorated	0	320	0	0
ß	76120		0	Non Gas		0	640	0	0
ഗ	76125		0	Non			320	0	0
S (	76130	DUBLIN RANCH; ATOKA	11	Non:		0 (	320	0 (	٥,
y c	76160	DUBLIN KANCH; MOKKOW (GAS)	י עס	Non Non		0	320	<b>-</b>	9 6
ט מ	76200		7 -		s Prorated		120	- c	
s co	76240		18	Non			320	0	0
ഗ	76250	EAGLE CREEK; ATOKA-MORROW, S	2	Non		0	320	0	0
ß	76280	EAGLE CREEK, PERMO PENN (GA	35	Non Gas	s Prorated	0	320	0	0
ß	76320		21	Non Gas	s Prorated	0	320	0	0
ເນ	76360		m	Non		0	320	0	0
Ŋ	76365	E-K; ATOKA (GAS)	0	Non		0	320	0	0
O)	76370		r-1 1	Non		0	320	0	0 1
S) C	76373	ELKINS; SAN ANDRES (GAS)	υ ∢	Non		00	160	00	0 0
ט מ	76377		<b>,</b> ⊂	Non Gas	s Frondred	<b>o</b> c	320	o c	o c
s co	76380	EMPIRE; GRAYBURG (GAS)	·	Non		0	160	0	0
S	76400	EMPIRE;	38	Non Gas		0	320	0	0
Ŋ	76440	EMPIRE; PENN (GAS)	9	Non Gas	s Prorated	0	320	0	0
ß	76460		~4	Non	Gas Prorated	0	320	0	0
S	76480		705	Gas	Prorated	0	160	0	0
ഗ	76520			Non		0	160	0	0
S	76530		₩.	Non			320	0	Ο,
Ŋ	76560		2	Non		0	640	0	0
S	76580		H			0	320	6	0
Ŋ	76700	FOWLER, UPPER SILURIAN	-	Non		0	320	0	0
ഗ	76720		2	Non			320	0	0
S	76724		0	Non		0	320	0	0
S	76730	FOOR	34	Non		0	320	0	O
S	76750		11	Non		0 (	320	0	o (
S C	76755			Non		0 (	320	0	<b>5</b> (
'n	76760	FORDINKUS CISCO (GAS) (ABOLISHED)	0	Non Gas	s Prorated	5	320	>	5

## BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

> CASE NO. 5438 Order No. R-4996

APPLICATION OF EXXON CORPORATION FOR SPECIAL POOL RULES, LEA COUNTY, NEW MEXICO.

See Alw Onder No R-4996-A

#### ORDER OF THE COMMISSION

#### BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on March 19, 1975, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 8th day of April, 1975, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

#### FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Exxon Corporation, seeks the creation of a new gas pool for Wolfcamp production in Lea County, New Mexico, and the promulgation of special rules and regulations governing said pool, including a provision for 640-acre spacing units.
- (3) That the Fairview Mills-Federal Well No. 1 located in Unit O of Section 14, Township 25 South, Range 34 East, NMPM, Lea County, New Mexico, having its top perforations at 13,797 feet, has discovered a separate common source of supply which should be designated the Fairview Mills-Wolfcamp Gas Pool; that the vertical limits of said pool should be the Wolfcamp formation and that the horizontal limits of said pool should be all of said Section 14.
- (4) That in order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells, to prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, temporary special rules and regulations providing for 640-acre spacing units should be promulgated for the Fairview Mills-Wolfcamp Gas Pool.

- (5) That the temporary special rules and regulations should provide for limited well locations in order to assure orderly development of the pool and protect correlative rights.
- (6) That special rules and regulations should be established for a temporary period to expire one year from the date that a pipeline connection is first obtained for a well in the pool; that during this temporary period all operators in the subject pool should gather all available information relative to drainage and recoverable reserves.
- (7) That this case should be reopened at an examiner hearing one year from the date that a pipeline connection is first obtained for a well in the Fairview Mills-Wolfcamp Gas Pool, at which time the operators in the subject pool should appear and show cause why the Fairview Mills-Wolfcamp Gas Pool should not be developed on 160-acre spacing units.
- (8) That the first operator to obtain a pipeline connection for a well in the Fairview Mills-Wolfcamp Gas Pool should notify the Commission in writing of such fact, and that the Commission should thereupon issue a supplemental order designating an exact date for reopening this case.

#### IT IS THEREFORE ORDERED:

(1) That a new pool in Lea County, New Mexico, classified as a gas pool for Wolfcamp production, is hereby created and designated the Fairview Mills-Wolfcamp Gas Pool, with vertical limits comprising the Wolfcamp formation and horizontal limits comprising the following-described area:

# LEA COUNTY, NEW MEXICO TOWNSHIP 25 SOUTH, RANGE 34 EAST, NMPM Section 14: All

(2) That temporary special Rules and Regulations for the Fairview Mills-Wolfcamp Gas Pool, Lea County, New Mexico, are hereby promulgated as follows:

# SPECIAL RULES AND REGULATIONS FOR THE FAIRVIEW MILLS-WOLFCAMP GAS POOL

RULE 1. Each well completed or recompleted in the Fairview Mills-Wolfcamp Gas Pool or in the Wolfcamp formation within one mile thereof, and not nearer to or within the limits of another designated Wolfcamp gas pool, shall be spaced, drilled, operated, and produced in accordance with the Special Rules and Regulations hereinafter set forth.

- RULE 2. Each well shall be located on a standard unit containing 640 acres, more or less, consisting of a governmental section.
- RULE 3. The Secretary-Director of the Commission may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a non-standard unit and the unorthodox size or shape of the unit is necessitated by a variation in the legal subdivision of the United States Public Land Surveys, or the following facts exist and the following provisions are complied with:
  - (a) The non-standard unit consists of quarterquarter sections or lots that are contiguous by a common bordering side.
  - (b) The non-standard unit lies wholly within a governmental section and contains less acreage than a standard unit.
  - (c) The applicant presents written consent in the form of waivers from all offset operators and from all operators owning interests in the section in which the non-standard unit is situated and which acreage is not included in said non-standard unit.
  - (d) In lieu of Paragraph (c) of this rule, the applicant may furnish proof of the fact that all of the aforesaid operators were notified by registered or certified mail of his intent to form such non-standard unit. The Secretary-Director may approve the application if no such operator has entered an objection to the formation of such non-standard unit within 30 days after the Secretary-Director has received the application.
- RULE 4. Each well shall be located no nearer than 1650 feet to the outer boundary of the section and no nearer than 330 feet to any governmental quarter-quarter section line.
- RULE 5. The Secretary-Director may grant an exception to the requirements of Rule 4 without notice and hearing when an application has been filed for an unorthodox location necessitated by topographical conditions or the recompletion of a well previously drilled to another horizon. All operators offsetting the proration unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all operators offsetting the proration unit or if no objection to the unorthodox location has been entered within 20 days after the Secretary-Director has received the application.

#### IT IS FURTHER ORDERED:

- (1) That the locations of all wells presently drilling to or completed in the Fairview Mills-Wolfcamp Gas Pool or in the Wolfcamp formation within one mile thereof are hereby approved; that the operator of any well having an unorthodox location shall notify the Hobbs District Office of the Commission in writing of the name and location of the well on or before April 30, 1975.
- (2) That, pursuant to Paragraph A. of Section 65-3-14.5, NMSA 1953, contained in Chapter 271, Laws of 1969, existing wells in the Fairview Mills-Wolfcamp Gas Pool shall have dedicated thereto 640 acres in accordance with the foregoing pool rules; or, pursuant to Paragraph C. of said Section 65-3-14.5, existing wells may have non-standard spacing or proration units established by the Commission and dedicated thereto.

Failure to file new Forms C-102 with the Commission dedicating 640 acres to a well or to obtain a non-standard unit approved by the Commission within 60 days from the date of this order shall subject the well to cancellation of allowable. Until said Form C-102 has been filed or until a non-standard unit has been approved, and subject to said 60-day limitation, each well presently drilling to or completed in the Fairview Mills-Wolfcamp Gas Pool or in the Wolfcamp formation within one mile thereof shall receive no more than one-fourth of a standard allowable for the pool.

- (3) That this case shall be reopened at an examiner hearing one year from the date that a pipeline connection is first obtained for a well in the Fairview Mills-Wolfcamp Gas Pool, at which time the operators in the subject pool may appear and show cause why the Fairview Mills-Wolfcamp Gas Pool should not be developed on 160-acre spacing units.
- (4) That the first operator to obtain a pipeline connection for a well in the Fairview Mills-Wolfcamp Gas Pool shall notify the Commission in writing of such fact, and that the Commission will thereupon issue a supplemental order designating an exact date for reopening this case.
- (5) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

-5-Case No. 5438 Order No. R-4996

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

I R. TRUJILLO, Chairman

PHIL R. LUCERO, Member

A. L. PORTER, Jr., Member & Secretary

SEAL

7 11 1 A

#### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

CASE NO. 5438 (Reopened)
Order No. R-4996-A

IN THE MATTER OF DIVISION CASE NO. 5438 BEING REOPENED PURSUANT TO THE PROVISIONS OF DIVISION ORDER NO. R-4996, WHICH ORDER CREATED AND PROMULGATED TEMPORARY SPECIAL RULES AND REGULATIONS FOR THE FAIRVIEW MILLS-WOLFCAMP GAS POOL, LEA COUNTY, NEW MEXICO.

See Blue Onder No. R-4996

#### ORDER OF THE DIVISION

#### BY THE DIVISION:

This cause came on for hearing at 8 a.m. on August 28, 1985, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 27th day of September, 1985, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

#### FINDS THAT:

- (1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) By Division Order No. R-4996, dated April 8, 1975, the Division created, defined, and classified the Fairview Mills-Wolfcamp Gas Pool, Lea County, New Mexico, and Temporary Special Rules and Regulations were promulgated therefor, including a provision for 640-acre spacing and proration units.
- (3) Pursuant to the provisions of said Order No. R-4996, this case was reopened to allow the operators in the subject pool to appear and show cause why the Fairview Mills-Wolfcamp Gas Pool should not be developed on standard spacing and proration units.

- (4) Since the inception of the Fairview Mills-Wolfcamp Gas Pool, only one well has produced from the pool, the Exxon Corporation Fairview Mills Federal Well No. 1 located in the SW/4 SE/4 of Section 14, Township 25 South, Range 34 East, NMPM, Lea County, New Mexico, which was also the discovery well for the subject pool.
- (5) Said well produced from the Wolfcamp formation between August, 1975 and July, 1976 and was plugged in 1976.
- (6) At the time of the hearing there were no appearances by interested or affected parties.
- (7) It is not known at this time whether additional wells will be completed in the subject pool.
- (8) In the absence of additional testimony showing why the Fairview Mills-Wolfcamp Gas Pool should not be developed on standard spacing and proration units, the Temporary Special Rules and Regulations promulgated by Division Order No. R-4996 should be rescinded and said pool should be governed by the Statewide Rules.

#### IT IS THEREFORE ORDERED THAT:

- (1) The Temporary Special Rules and Regulations for the Fairview Mills-Wolfcamp Gas Pool, promulgated by Division Order No. R-4996, dated April 8, 1975, are hereby rescinded and the pool is placed under the Statewide Rules.
- (2) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

R. L. STAMETS

Director

_	TO	WNSHI	P 25	5	2u	<i>t</i> 4	. Y.	RAN	IGE	34	E	_57	2		M	IPM				Y W		100	
									1 4		1. (0.5) 1. (4.5)	1			r 🎉	100 mg/s		變	1				注點
		-6-			- 5			- i.	- ( ) 			Ą			建	(編)	1. 被	2 · · ·	(A)	W.		1	* A
	4				_	, 	4			_	1		1 2		*	i Na			***************************************	墨		1	<b>A</b>
L	$\downarrow$			$\perp$			2 1 Ag			4			200	を		种源的		·響		1		- 韓	
_	_				292		"	-	-:*			À								Art.		1	*
-	4	_ 7 _		_	ان 8 –	3 —		-		9	, See	دڙ. معرس	ST ST					)。 1 一			-1	2 -	
-	-	-		-	_			-	10	-	# 1		. 1 Y			*	-1	\$ 100 mg	· 髓	15.00 F	:: Ā		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
-	+	-		-	-				**;	***		** -	÷.					- 14 April			· •	-	
-	+		╂╼╂	+				· ,	χ.	66 - 10	\$5. J.	#2 F 10	: - · · · · · · · · · · · · · · · · · ·			70				4	W 1888		
-	+	- 18 -		$\dashv$	-1	7		· ·	-1		4¢	· 拉斯斯	$-\mathbf{i}$	5 –	<b>建</b>		1	4			<b>1</b>	3 3 	
+	+			+	.**		5 G.	. 5				ş.,				3年 94.		樓上	100 100		* ************************************		· 数
1	+	<del></del>		+	24	.64						 	i ii.	· ·						dend.			
	+	+-		+					/ G	.9~			<u> </u>	4.5	を強い			1		100		1	. 75.1-
	+	-19 <b>-</b>		+	- 20 	7			- 2 	1		•	- <b>2</b>	2-	1. No. of the London	## ##	<b>-2</b>	3		. Share	- 2	4 -	
-	1			7									1,4	1000	. v	. i		7.5	a net	- 50%	1 2		1
		·				·		,		 4.,	100 mg			1 - M/4 31 - 1/4		**	. d	- 94 - 35	ા મુદ્ર હ	:: -₹	, ĝ		
		-30 <b>-</b>			29	$ \begin{bmatrix} 1 \end{bmatrix} $			<b>–</b> 2	:	uk.	\$1.5	. 2	7		./(1/ -1-4) -1	_ ?	6	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4	– <b>2</b>	<u> </u>	
	1												इ		<b>.</b>	. ,				ं . 4 हुई	1		
L	$\downarrow$				1							٠.	. 4	· 4."	3 St		y <u></u>	- 14 <u>6</u>	) <del>(</del>		j je	1	**
1	4			_	1				_	_					***			er sager	### 1	7	: \$55 5	4 (4) (3)	
L	$\downarrow$	- 31—		$\bot$	. 32	2 -			ا - 3	3 –		`	- 3	4			ر :3 –	5 –			- 3	6	
1	+			+	+		_			.		1,4					-				.0	**	_
L																		2			- '		

Description	n: 55/4 Sec.14	1 (R-	4969. 4-1-	75)	14 - 15 - 14 - 15 - 15 - 15 - 15 - 15 -		
Ext: 1/2 \$ 5	" Sec 14 (R-4	1996.4	1-8-75) E	or Mz.	SEC 10 WZ	SEC.11	
(R-8561 174/8-	"4 Sec 14 (R-4 1) Ex1:5/2 Sec. 3	(R-99.	37,8-17-93.	Ext	1/25 ec. 91	R-10588	74-26
					·		
			. ~				
							,
						e de la companya de l	7
	<del></del>						1
			·			•	
		·		<del></del>			, , , , , , , , , , , , , , , , , , ,
		<del></del>				<del></del> -	ر براد المراجع المراجع في المراجع الم