NOMENCLATURE CASE NO. 8791 EXHIBIT I CASE 3791: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating, correcting and extending certain pools in Lea County, New Mexico:

> (a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Holfcamp production and designated as the Hobbs Channel-Wolfcamp Pool. The discovery well is the Harvey E. Yates Company Howry 25 Well No. 1 located in Unit E of Section 25, Township 17 South, Range 37 East, MMPM. Said pool would comprise:

> > TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM

Section 25: NW/4

(b) CORRECT the location of the Johnson Ranch-Wolfcamp Gas Pool in Lea County, New Mexico, created by Order R-8075 to read as follows:

TOWNSHIP 24 SOUTH, RANGE 33 EAST, NMPM

Section 22: E/2

(c) EXTEND the South Corbin-Strawn Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM

Section 22: W/2

(d) EXTEND the Lower Double A-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM

Section 21: NW/4

(e) EXTEND the EK-Bone Spring Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM

Section 25: NW/4

(f) EXTEND the Hume-Morrow Gas Pool in Lea County. New Mexico. to include therein:

Section 7: 🔰2

g ENTEND the usa-Dark Phonese Tool in Lus Doubty, New Ms.ico. co intoluas more no

TOUNCHIP 19 LOUTH, AMAE 34 ELCT. MARM

2005100 13: 58/4 2205100 23: NW/4

TOWNSHIP 19 SOUTH. RANGE 35 EAST, HMPM

Section 18: M/2

(n) EXTEND the Maljamar-Grayburg San Andres Pool in Lea County, New Mexico, to include therein:

TOUNSHIP 17 COUTH, PANGE 30 EAST, MURH

Section 4: NW/4, N/2 SW/4, and SE/4 SW/4 Section 9:  $\mathbb{Z}/2$  NW/4

(i) EXTEND the Mescalero Escarbe-Bone Spring Pool in Lea County, New Mexico. to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NYPM

Section 13: NW/4 Section 14: N/2

(j) EXTEND the Pearl-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM

Section 10: SE/4 Section 15: NE/4

(k) EXTEND the Querecho Plains-Oueen Associated Pool in Lea County, New Mexico. to include therein:

TOWNSHIP 13 SOUTH RANGE 32 EAST, MMPM

Section 21: SE/4

 EXTEND the Reeves-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM

Section 11: SE/4

(m) EXTEND the Saunders Permo-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

••

TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM

Section 10: NW/4

 $n \in \mathsf{EXTEND}$  the North Shoe Bar-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOUNSHIP 16 SOUTH, PANGE 35 ELCT, MARA Section 13: MW/4

ELTEND the Mid-laduum-Devonsan Pool in Lea County, New Mexico, to include therein:

TOWNSHIP IS SOUTH, RANGE 35 EAST, NMPM

Section 16: W/2

ENTERCO the North Young-Bone Spring Pool in Les County, New Mexico, to include therein:

> TOWNSHIP 18 SOUTH, PANGE 32 EAST, NMPM Section 5: SE/4 Section 8: NE/4

NEW POOLS

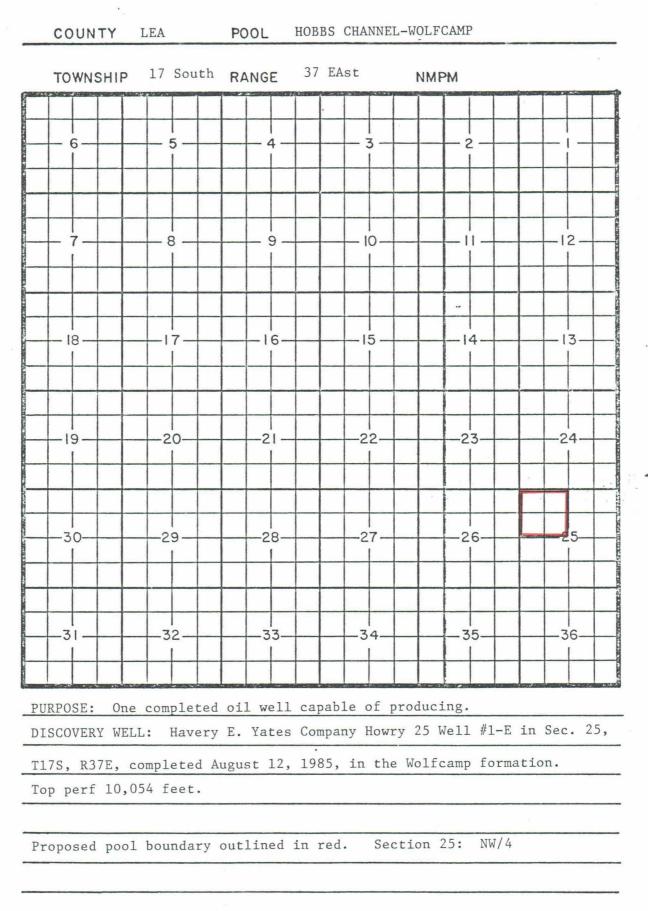
It is recommended that a new <u>oil</u> pool be created and designated as the <u>HOBBS CHANNEL-WOLFCAMP</u> Pool.

Vertical limits to be the <u>Wolfcamp</u> formation and the horizontal limits should be as follows: <u>T-17-S, R-37-E, Section 25: NW/4</u>

Discovery well was <u>Harvey E. Yates Company Howry 25 Well #1</u> located in Unit <u>E Section 25 Township 17 Range 37</u> and was completed on <u>8/12/85</u>. Top of perforations is at <u>10,054</u> feet.

It is recommended that a new	pool be created and designated
as the	_Pool.
Vertical limits to be the	formation and the
horizontal limits should be as follows:	• ·
Discovery well was	·.
located in Unit Section Township	
. Top of perforati	lons is at feet.
It is recommended that a newas the	
Vertical limits to be the	formation and the
horizontal limits should be as follows:	
Discovery well was	
located in UnitSectionTownship	
Top of perforat:	lons is at feet.

CASE NO. 8791 (a) CREATION OF A NEW OIL POOL



:

CASE NO. 8791 (b) CORRECTION OF GAS POOL LOCATION

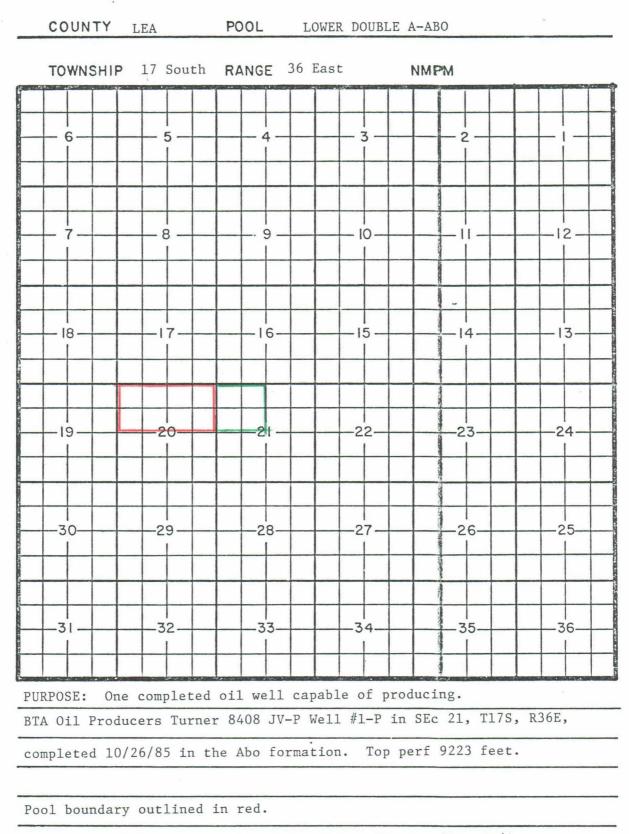
COUNTY	EA	POOL	JOHNSON RANCH	WOLFCAMP GAS	
TOWNSHIP	24 South	RANGE	33 East	NMPM	and the state of the state of
6		4-		2	¦
- 7	8	9-	10	<del>·</del> ╊-╋-Ů ╋	
	-17		15	4	
	20	21-	22	23	24
			<u>                                      </u>		
			┼╌╎╴┞╾┿	┩╌┼╌┼╌┼	
	-29		27	26	
	70	77		75	70
-31	32	33-	34	35	
URPOSE: Cor	rect the lo	ocation o	of the Johnson	Ranch Wolfcamp	Gas Pool
reated by Or	der R-8747	from Ran	nge 32 to Range	33.	
ool boundary	outlined	in red	Section 22: E	2/2	

-----

CASE NO. 8791 (c) EXTENSION OF AN EXISTING OIL POOL

COUNTY	LEA	POOL	SOUTH (	CORBIN-S	STRAWN	
TOWNSHIP	18 South	RANGE	33 East	4	NMPM	
6		4-	+ + +	- 3		
			+			
7	8	9 -		- 10		
	17			-15	14	
	20	21 -		_22	23	24
- 30-	29			-27	26	
				_34		
			, and a day	-		
	e completed					
					F in Sec 22, T tion. Top per	
compieted Au	gust 51, 19	o, il li	LIE DLIAW	II IOLIIA	cron. rop per	
Deel hourd-	w outlined	in rod				
Pool boundar Proposed poo			d in gre	en. SE	CTION 22: W/2	2
		and the second second second	And the second second	and the second se		

CASE	NO	8791	(d)	EXTENSION	OF	AN	EXISTING	OIL	POOL



Proposed pool boundary outlined in green. Section 21: NW/4

-

CASE NO. 8791 (e) EXTENSION OF AN EXISTING OIL POOL

COUNTY L	EA	POOL	EK-BONE SPRING	G	
TOWNSHIP	18 South	RANGE	33 EAst	NMPM	an an an an an an an an
6	5	4-	3	2	
	Ĭ	Ī			
	8	9-	10-		-12-
					+
	-17	16-			-13-
	20	21-	22	23	-24
					+
			+ + + + + + + + + + + + + + + + + + + +		
	-29	28-	27	-26	-25
	+				
	+		╎╴╎╴┝╍┾╸		+
					+
	-32		34		-36
JRPOSE: One (			capable of pro	ducing	
					D225
and the second second second			•	in SEc 25, T188	
ompleted 10/19	9/85 in the	e Bone Sp	oring formation	. Top perf 9612	feet.
ool boundary o	outlined in	n red.			
			in green. Sec	tion 25. NW/4	

COUNTY	LEA	POOL	HUME-	-MORROW GA	AS		
<b>FOWNSHIP</b>	16 South	RANGE	34 Ea	ast	NMPM		
	5-		1	3-		2	
	8		9	10 -	1	1	
				. 15			12
			6			4	
		_					
	20		1	22-		3	
	29		8	27-	2	6	25
	32		33	-34-		5	
PURPOSE:	One comp	leted gas v	vell ca	apable of	producing	5 •	
		any State H the Morrov					

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 7: N/2

COUNTY	LEA	POOL	LEA=SAN AND	RES	
TOWNSHIP	19 South	RANGE	34 EAst	NMPM	
6		4-4-	3-	<u> </u>	
7		9-	10-	+	12
		16-			13-
	20	21-	22-	23	24
		1		20	
	-29	28-	27-	26	25
					· ·
			<u>                                       </u>		
				35	
PURPOSE: Two	completed	oil wells	capable of	producing.	
The Superior	Oil Company	Governme	nt 23 A #1-H	F in Sec 23, T19	9S, R34E,
completed Oct	. 21, 1985,	in the S	an Andres fo	ormation. Top p	perf 5868'
Pool boundary	outlined i	ln red.			
Proposed pool	extension	outlined	in green. S	Section 13: SE,	/ 4
			S	Section 23: NW,	/4

CASE NO. 8791 (g) EXTENSION OF EXISTING OIL POOL CONTD. Page 2 of 2 Pages

-	COUNTY	LEA	POOL	LEA-	-SAN ANDRES		
384 44	TOWNSHIP	19 South	RANGE	35	East	NMPM	an a
_							
_	- 6		4-		3-	2	i
-						+	
	- 7	8	9.		10-		12
_							
+							
1	- 18		16-			14	13
_	-19	20	21-		22	23	24
+							
+							
	_30	29			27	26	25
-							
+							
+	-31				34	35	
	No. You and a local second						
re	d G. Yates	s Inc. Reddy	Gulf St	tate	#2-C in Sec	2 18, T19S, R35	E, complet
ep	t 21, 1985	5, in the Sa	an Andres	s for	mation. 1	Cop perf 5645 f	eet.

Pool boundary outlined in red.

Proposed Pool extension outlined in green. Section 18: W/2

CASE NO. 8791 (h) EXTENSION OF AN EXISTING OIL POOL

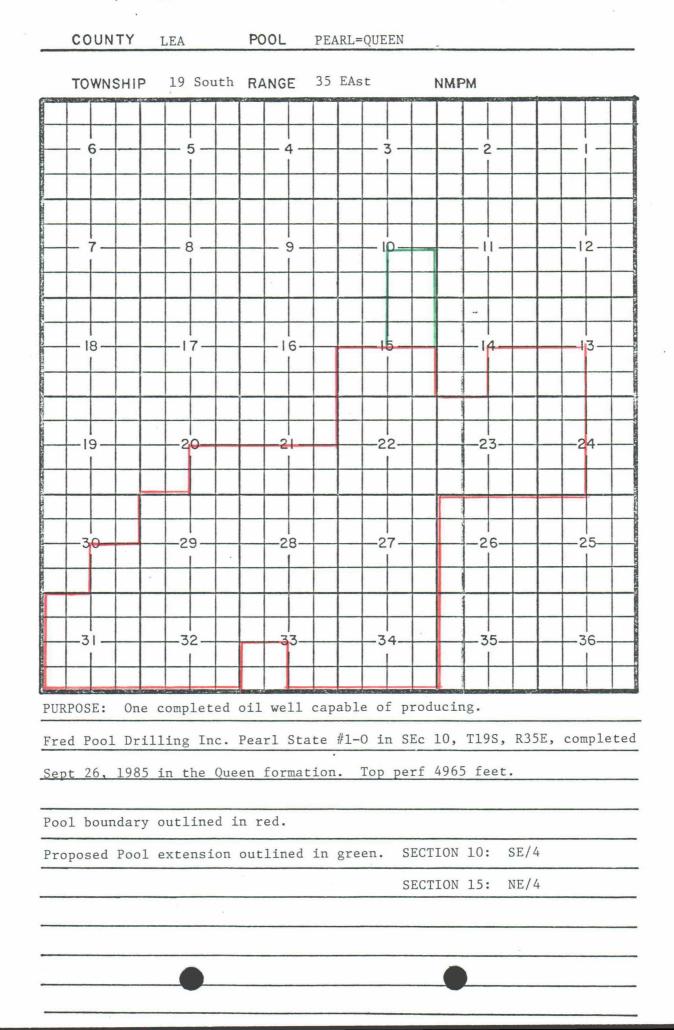
COUNTY	LEA POOL	MALJAMAR-GRAY	BURG SAN ANDRES	
TOWNSHIP	17 South RANGE	33 East	NMPM	
6		3		
			12	
	+			
			-	
I8	17-16-			
19	20-21-	22	23 24	
	+			
		27	2625	
	+		╉╌┼╌╋╍┼╾┾╴┼╴	
31	-32	-34	3536-	
	+++++-+			
PURPOSE: One	completed oil well	capable of pro	ducing	
and the second se			, T17S, R33E, complet	ed
Constant and the spectrum of the second	in the Grayburg for		a service and a service a service service and a service service and a service s	
Pool boundary	outlined in red.			
Proposed pool	extension outlined	in green. Sec	tion 4: NW/4, N/2 SW	/4,& SE/4 SW/4
		Sec	tion 9: E/2 NW/4	
			-	

CASE NO. 8791 (i) EXTENSION OF AN EXISTING OIL POOL

-	COUNTY	LEA	POOL	MESCALERO	ESCARPE-	BONE SPRI	NG
1 th 2 th	TOWNSHIP	18 South	RANGE	33 EAst	NMI	PM	
Second Street Street	6				3	-2	
	7	8	9-		0		12
-							
Survey and							
SEC ENFERE							
	18					-14	
100000							
A RECORDERING	-19	20		2	2	-23	24
and respectively.							
AL-TO-SHIPPE							
Contrasting l	-30	-29		2	7	26	-25
		+					
Consume and	-31	32		7	4		36
1.0							
					n a the second		the second second protocol and the second
PU	RPOSE: Two	completed	oil well	s capable	of produc	ing.	6
	n Expl. & Pr		Carlos and Carlos and				
	mpleted 10/4						
-							33E, completed
NO	v. 11, 1985,	in the Bo	ne sprin	lg lormatio	n. 10p p	eri 8710	
						an in an an an air	
	ol boundary			in oncon	CECTTON	12. NLL	/ /.
Pr	oposed pool	extension	outlined	i ili green.	the second s		
<u></u>					SECTION	114: N/2	<u></u>
-						)	

CASE NO. 8791 (j) EXTENSION OF AN EXISTING OIL POOL

. The tag



CASE NO. 8791 (k) EXTENSION OF AN EXISTING ASSOCIATED POOL

COUNTY	LEA	POOL	QUERECHO PLA	INS-QUEEN ASSO	CIATED
TOWNSHIP	18 South	RANGE	32 EAst	NMPM	
		at you wanted a			
6	5	4-4-	3-	2	
		i	<u> </u>		
	8		10-	<u> </u>	12
				· · · · · · · · · · · · · · · · · · ·	
			15 -	14	13
	20		22	23	24
	20	2			24
	29	28	27	26	25
				┝╌╏╍┥╌┦╌┼╴	
			34-		
		1 11			
			capable of pr	-P in Sec 21, I	180 D32F
ompleted 10/2	1/85 in the	Queen fo	ormation. To	op perf 4096 fe	et.
ool boundary					
	outlined in	red.			

CASE NO. 8791 (1) EXTENSION OF AN EXISTING OIL POOL

•

COUNTY	LEA	POOL	REEVES-P	ENNSYLVANIAN	
TOWNSHI	P 18 South	RANGE	35 East	NMPM	
g 3 - 2 1 g wordt stor ge triger st 2 g a 2 3 ministra					
6	5	4-	3	2-	i
	8	9 -	10	+-+	12
	17	16-	15		13
	20	21-	22		24
	29	28-	27	26	25
		$\left  \right $			
	70			75	
31	32	33-	34	35-	
PURPOSE: Or	e compelted	oil well	capable of	producing	
Mitchell Ene	ergy Corp. St	tate JR We	11 #1-P in	Sec 11, T18S,	R35E, complete
Oct. 4, 1985	, in the St	rawn forma	tion. Top	perf 11,013 f	eet.
Pool boundar	y outlined :	in red.			
Proposed poo	ol extension	outlined	in green.	Section 11:	SE/4

CASE NO. 8791 (m) EXTENSION OF AN EXISTING OIL POOL

COUNTY	LEA	POOL	SAUN	IDERS	PERMC	-UPPER	PENNSY	LVAN	IAN	
TOWNSHI	• 14 South	RANGE	33	East		NMPM				
6		4-			3-		2		_!_+	
					+-+					The second second
7		9			10				-12-+	and the second second
										and the second second
						<u> </u>				and an excitor
18		16-			15				-13-	COLUMN CONT
					+		++-			COLUMN - SEC
		21-			22		23		-24	the Designed
	29				27-		26	_	-25-	
					++					
					+					and a second second
31					34		35		_36	C. C
										Aller States
	a company and a company of	La la composition de la compos				-	1-144 - 1 - 1			
URPOSE: Or	e compelted	oil well	L cap	able	of pr	oducing	•			
	ng Company Sa									
ctober 16,	1985, in the	e Pennsyl	lvani	an fo	rmati	on. To	op perf	9,91	L6 feet	•
Pool boundar	y outlined	in red.								
roposed poo	ol extension	outlined	d in	green	. Se	ction	10: N	IW/4		
	tern of the second strengthered	-						·		

•

OWNSHIP	16 So	uth H	RANGE	35 Ea	st	<i>2</i> 1	NMPM					
					1	TT		T	T	TT	T	
						+		-				
		5	- 4	1		3-		- 2			-1	
			_						· ·		-	
		+										
7		8	\$	,		10-		- 1	1		12	
						•		1			+	
											_	
						_						
		17		6		15-		-1.	4		13	
									-		1	
												The second second
-19-		20	2	1		22		- 2			24	
19-19-		1									24	
											-	
		20				27		- 2			- 25	
+ 30 +		29	2	8		27-		1			- 20	, _
							1					
		32		3		-34-		-3	5		-36	,+
JRPOSE:	One com	apleted of	oil we	11 capa	able	of pr	oduci	ng.		NAME OF BRIDE AND	l	ACTER CONTRACTOR
esa Petro									an de instal on se sta			

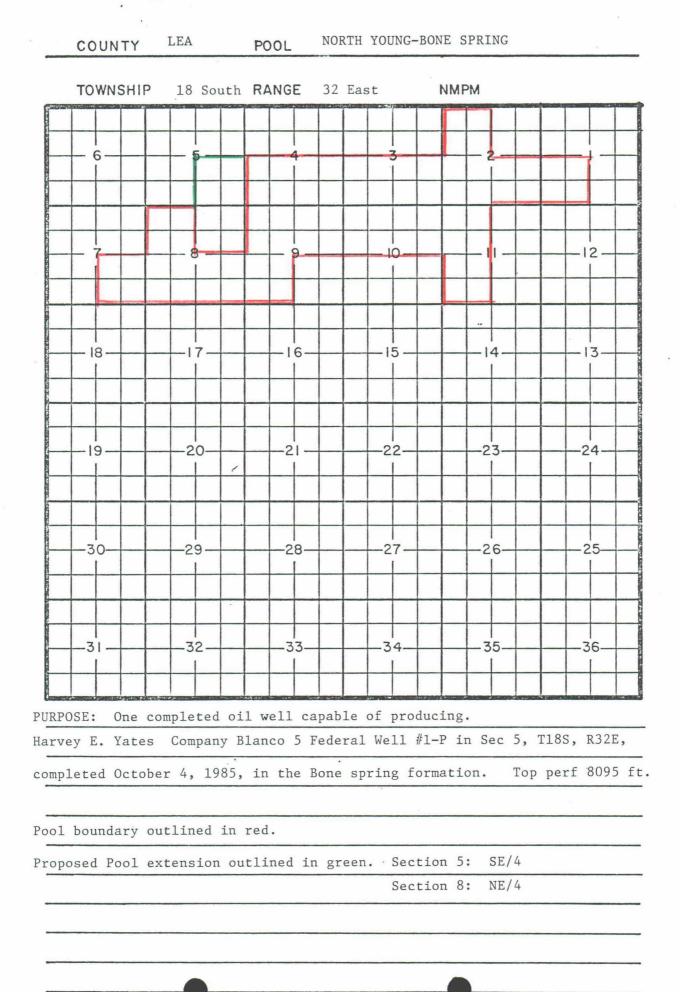
Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 13: NW/4

CASE NO. 8791 (o) EXTENSION OF AN EXISTING OIL POOL

TOWNSHIP	18 South	RANGE	35 East	NMPM	
	E				
6	5	4-	3	2	
	8	9-			12-
18	-17	16-		14-	
	20	21-	22	2	24
	-29		27	26-	25
			34	1	
POSE: One	completed o	il well ca	apable of p	roducing.	
alo, Inc. Ma	aralo sV16	State #1-1	L in Sec 16	, T18S, R35E, co	ompleted
ober 30, 19	85, in the	Devonian :	formation.	Top perf 11,78	37 feet.
		,			
l boundary					
posed pool	extension o	utlined in	n green. S	ection 16: W/2	

CASE NO. 8791 (p) EXTENSION OF AN EXISTING OIL POOL

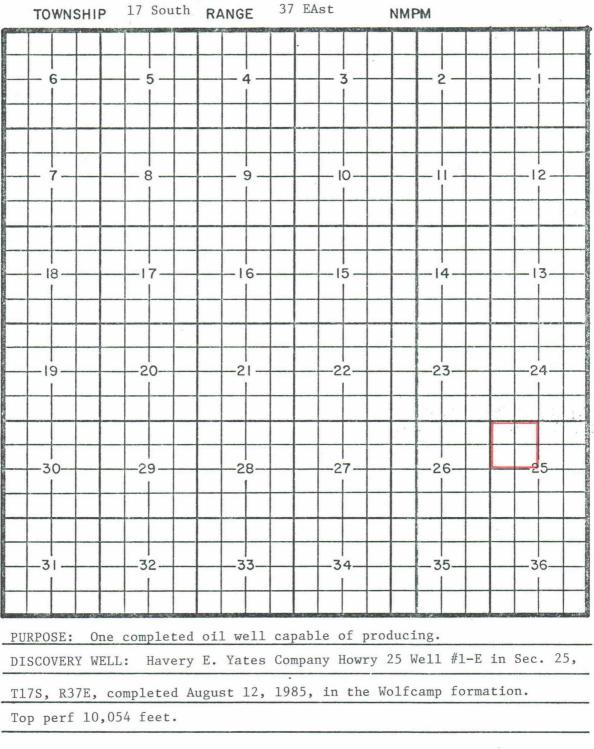


CASE NO. 8791 (a) CREATION OF A NEW OIL POOL



HOBBS CHANNEL-WOLFCAMP POOL

37 EAst



Proposed pool boundary outlined in red. Section 25: NW/4

CASE NO. 8791 (b) CORRECTION OF GAS POOL LOCATION

TOWNSHIP	24 South	RANGE	33 East	NMPM	
			+		
- 6	5		3-	2	
- 7	8	9	10		
	+		+		
- 18			15		
			+		
-19	-20	21		23	
	+				
-30	-29		27	26	
-31					
Í					
RPOSE: Cor	rect the lo	ocation o	f the Johnson	Ranch Wolfcamp	Gas Poo
nated by Or	dor P-8747	from Ran	ge 32 to Range	a 33.	

Pool boundary outlined in red. Section 22: E/2

CASE NO. 8791 (c) EXTENSION OF AN EXISTING OIL POOL

## COUNTY LEA

.

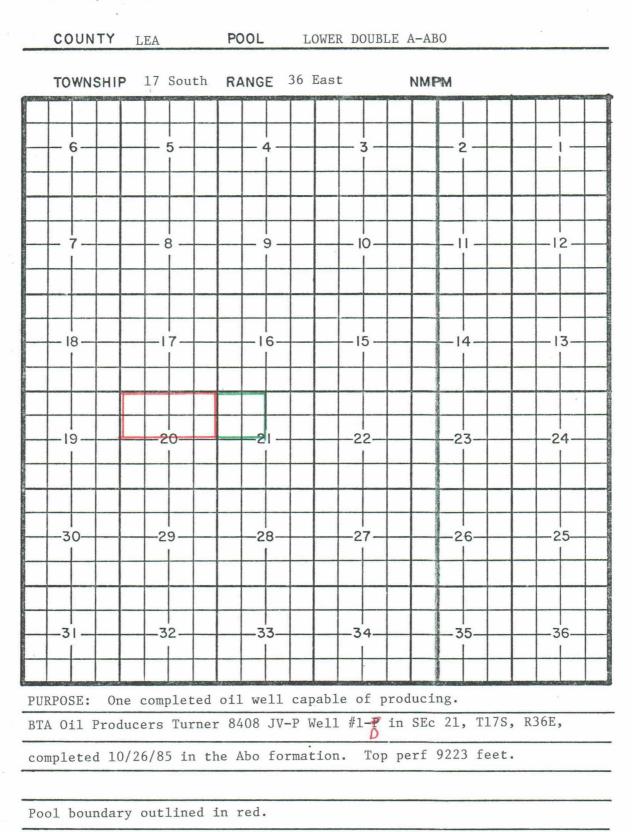
POOL SOUTH	CORBIN-STRAWN
------------	---------------

TOWNSHIP	18 South R	ANGE 33 Ea	st	NMPM	
6	5	4	3	2	
7	8	9			12
		-16			
	20	-21	22	23	24
	-29	-28	-27	26	25
31	32			35	
	completed o:				
Southland Roy completed Aug					

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 22: W/2

CASE NO. 8791 (d) EXTENSION OF AN EXISTING OIL POOL



Proposed pool boundary outlined in green. Section 21: NW/4

CASE NO. 8791 (e) EXTENSION OF AN EXISTING OIL POOL

COUNTY	LEA

EK-BONE SPRING

TOWNSHIP	18 South	RANGE	33 EAst	NMPM	
6		4-		2	
7	8	9 -	10-		12
	20	21 -	22	23	24
					24
	-29			-26	
the second s			capable of pr		0.0
				E in SEc 25, Tl	
completed 10/1	9/85 in the	e Bone Sp	oring formatio	n. Top perf 96	12 feet.
ool boundary	outlined in	n red.			
Proposed pool	extension o	outlined	in green. Se	ction 25: NW/4	

		EXTENSION					
COUNTY	LEA	POOL	HUME	-MORROW ·GA	AS .	ary suite () are the set state of the set of the se	n ga andra an
TOWNSHIP	16 South	RANGE	34 E	ast	NMPM	and successing and success of productions of the	ndergen voor sie openigen voeren
			4	3-		2	-1
			+			}	
	- 8 -		9	10-		1	12
	-17.		6				-13
			Ĭ				
							กระบบรายาสารกระบบรายา
19	20 .		21			3	24
alandara (manan manan manan manan manan mana					สมเราะหมายหน้าสุรรณสาว ทางหมา เสียมหมา		anaan oo dhaay gor maan ee boonantaa
							25
			28	27-		6	25
			33			5	-36
DUDDOGE							LANCING MARCHINE COMPANY
PURPOSE:		leted gas w				-	
						L6S, R34E, c	
Sept. 12,	1985, in	the Morroy	w Iorma	ation. To	p pert 12	2,410 feet.	
Pool boun	dary outl:	ined in rea	d.				
		nsion outl:		n green.	Section 7	7: N/2	

COUNTY	LEA
--------	-----

POOL

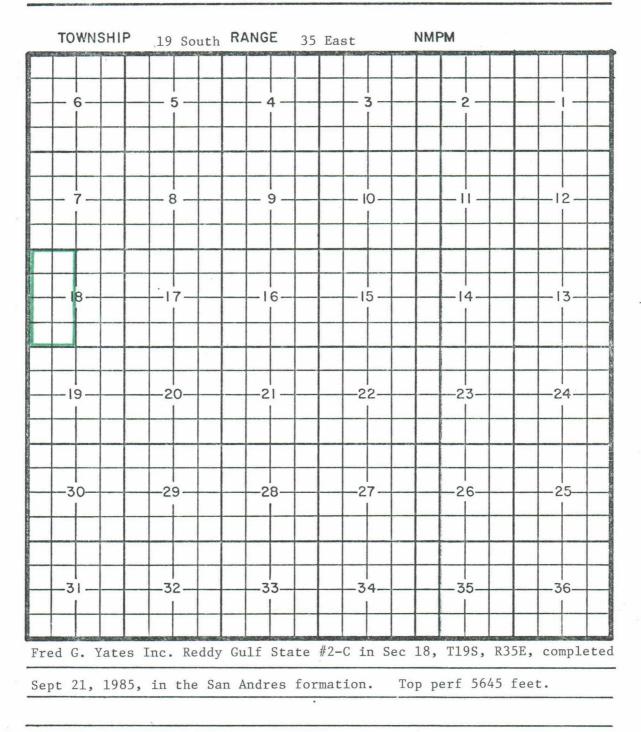
LEA=SAN ANDRES

TOWNSHIP	19 South	RANGE	34 EAst	NMPM	
6		4-+			- <u></u>
7	8	9	10 		12
18		16-			13
	20	21	22_	23	24-
	29		27	26	25
31					
URPOSE: Two	o completed	oil wells	capable of p	roducing.	
he Superior	Oil Company	Governmen	t 23 A #1-F	in Sec 23, Tl	9S, R34E,
ompleted Oc	t. 21, 1985,	in the Sa	n Andres for	mation. Top	perf 5868'
	y outlined i l extension	and the second second second second second	n graan Se	ction 13: SE	./4
roposed poo	I extension	outlined i			// 4

CASE NO. 8791 (g) EXTENSION OF EXISTING OIL POOL CONTD. Page 2 of 2 Pages

COUNTY	LEA
--------	-----

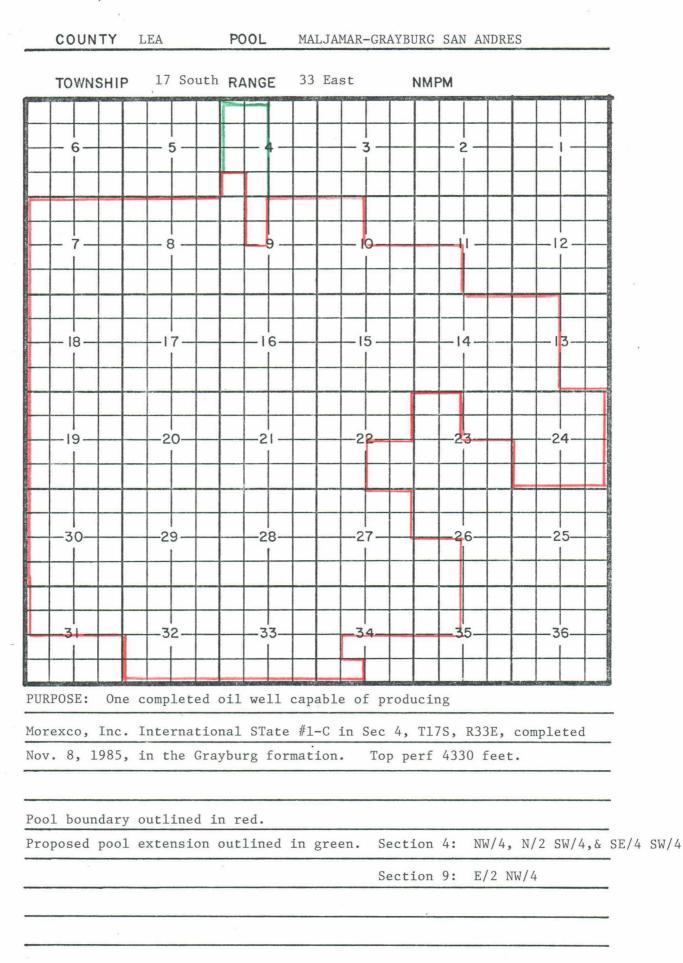
POOL LEA-SAN ANDRES



Pool boundary outlined in red.

Proposed Pool extension outlined in green. Section 18: W/2

CASE NO. 8791 (h) EXTENSION OF AN EXISTING OIL POOL



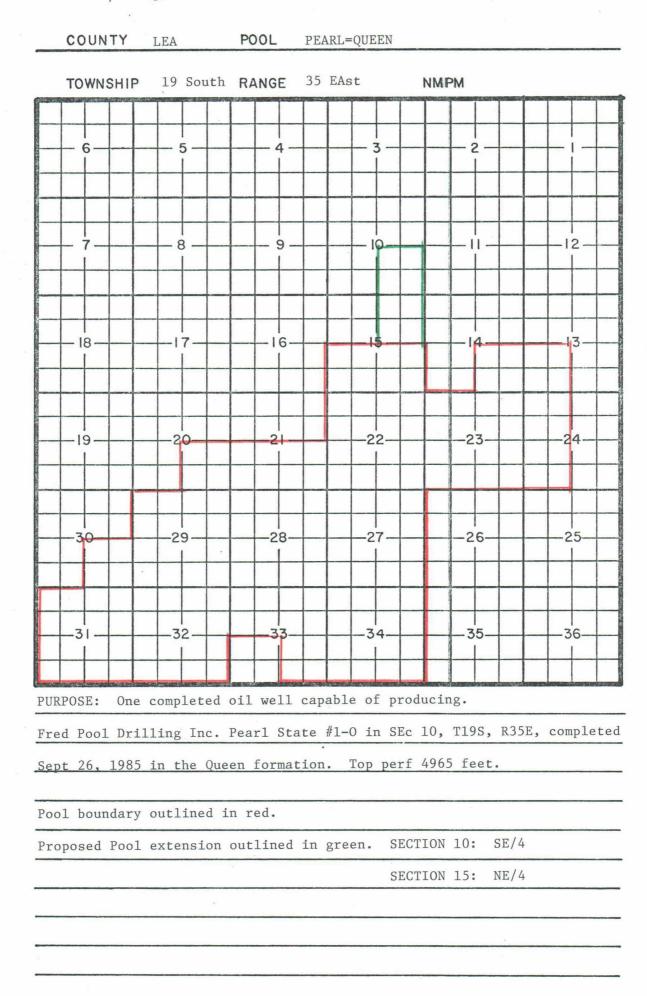
. . . .

CASE NO. 8791 (i) EXTENSION OF AN EXISTING OIL POOL

## POOL MESCALERO ESCARPE-BONE SPRING COUNTY LEA RANGE 33 EAst NMPM TOWNSHIP 18 South 6 5 4 3 2 8. 9 -10-12 7 18 -17. -16 15. 14 13 19 20 -21 -22-23-24--30-29. -28-27-26-25-31. 32-33-34-35-36-PURPOSE: Two completed oil wells capable of producing. Sun Expl. & Prod. Co. Mescalero Ridge B FEd #1-C in Sec 13, T18S, R33E, completed 10/4/85 in the Bone spring formation. Top perf 8736 feet. Echo Production, Inc. Texaco 14 Fed #1-C in Sec 14, T18S, R33E, completed Nov. 11, 1985, in the Bone spring formation. Top perf 8710 feet.

Pool boundary outlined in red. Proposed pool extension outlined in green. SECTION 13: NW/4 SECTION 14: N/2 CASE NO. 8791 (j) EXTENSION OF AN EXISTING OIL POOL

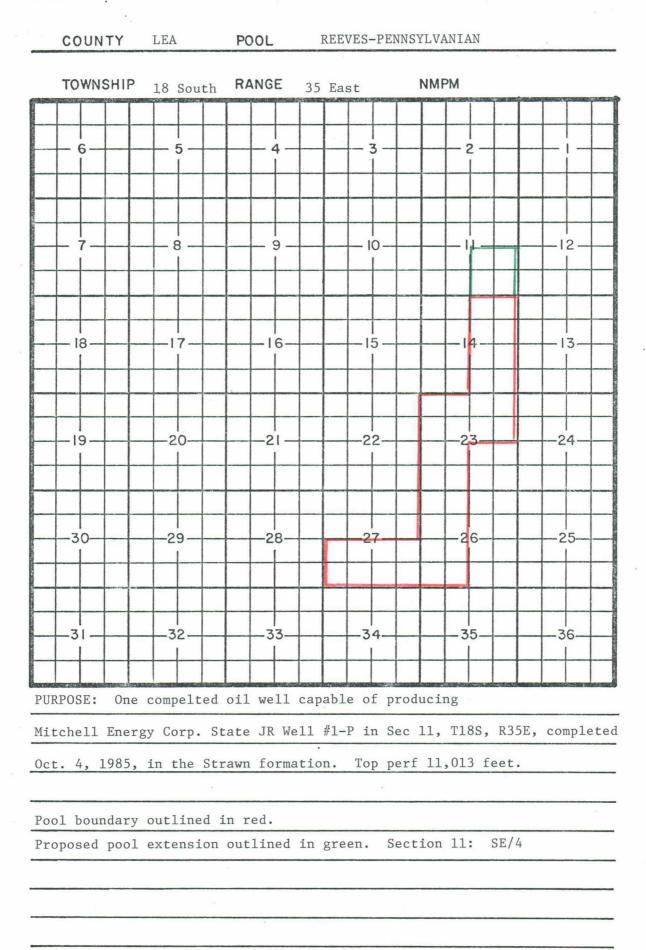
. A. t. Sawy



CASE NO. 8791 (k) EXTENSION OF AN EXISTING ASSOCIATED POOL

COUNTY	LEA	POOL		LAINS-QUEEN ASS	
TOWNSHIP	18 South	RANGE	32 EAst	NMPM	
			+ + + +	+ + + + + + + + + + + + + + + + + + +	
6		4 -			
+					
7		9-	10-		12
	- 0	9-	10-		
+					
┿┽					
	20	2	-22-	-25-	24
-30			27-	26	25
+					
				┼╌┠╍╂╍╃╌┼╴	
	70	77		75	70
31		33	34		36
RPOSE: One	compelted o	oil well	capable of p	producing.	
valcade Oil	Corporation	n Cavalca	de 21 Fed #4	-P in Sec 21, 7	F18S, R32E,
mpleted 10/2	27/85 in the	e Queen f	ormation. I	Cop perf 4096 fo	eet.
ol boundary	outlined in	n red.			
oposed pool	extension o	outlined	in green. S	Section 21: SE,	14
	angang di Mangalan kan kang menangkan kan kan kan kan kan kan kan kan kan				

CASE NO. 8791 (1) EXTENSION OF AN EXISTING OIL POOL



CASE NO. 8791 (m) EXTENSION OF AN EXISTING OIL POOL

COUNTY	LEA	POOL	SAUNDERS	PERMO-UPP	PER PENNSYLV	/ANIAN
TOWNSHIP	14 South	RANGE	33 East	NM	IPM	
6	5	4-		3	-2	
	1					
		9-		0		12
		16-	<u></u>	15		I3
		21-		22	23	24
	29			27	-26	25
				+		
				34		36
				+		
	Ser Alt & and -	Name and a constraint		-		
	e compelted		the second second second second			
						R33E, complete
October 16,	1985, in the	e Pennsyl	lvanian fo	ormation.	Top perf 9	,916 feet.
		<i>.</i>				
Pool boundary	v outlined	in red				
LOOL DOULIDAL	y outrilled .	LIL LEU.				

Proposed pool extension outlined in green. Section 10: NW/4

,

COUNTY		POOL				anan, sakan gini dan diju yakan di kata an
TOWNSHIP	16 South	RANGE	35 Eas	t N	MPM	Part was drawn an
		· ·				
					2	
II				i		Ĩ
				- 10		12-
			6		14	13
				anang manang manang Manang manang m		and the second states are set of the second states are second states are set of the second states are second states are set of the second states are set of the second states are second states are set of the second states are second states are set of the second states are second s
			1	-22	23	24-
<u> </u>						
			8		26	25
		·				
31			3		35	36-
URPOSE:	One comple	ted oil we	ll capab	le of prod	lucing.	
esa Petro	leum Co. H	ilburn Well	1 #2-C i	n Sec 13.	T16S, R35E,	completed

Pool boundary outlined in red.

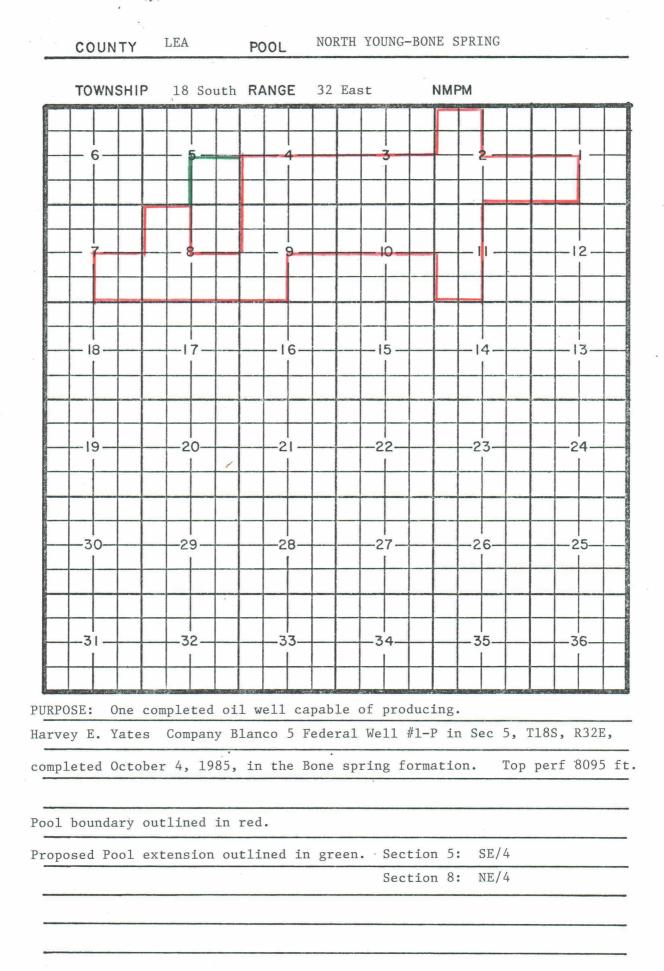
Proposed pool extension outlined in green. Section 13: NW/4

CASE NO. 8791 (o) EXTENSION OF AN EXISTING OIL POOL

COUNTY	COUNTY LEA		MID-VACUUM-DEVONIAN				
TOWNSHIP 18 South		RANGE	35 East	NMPM	NMPM		
6	5	4-	3-	2			
7		9 -	10-		12-		
19	20	21			24		
			27-	26-	25		
31	32	33	34-				
ralo, Inc. Ma	aralo sV16 S	tate ∦1−I	•	T18S, R35E, com			
tober 30, 198	85, in the D	evonian f	ormation.	Top perf 11,787	feet.		
ol boundary o		Stand of the second	n green. Sec	tion 16: W/2			

4

CASE NO. 8791 (p) EXTENSION OF AN EXISTING OIL POOL



Cockets Nos. 1-86 and 2-86 are tentatively set for January 9 and January 22, 1986. Applications for bearing must be filed at least 22 days in advance of hearing date.

#### DOCKET: EXAMINER MEARING - WEDNESDAY - DECEMBER 18, 1985

# 1 & H.H. - GIL CONSERVATION DIVISION CONFERENCE ROOM, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be neard before Michael E. Stoonen, Examiner, on David R. Datanaton, Alternate Examiner

- <u>ALCOMPLE</u>: 1) Consideration of the allowable production of gas for January, 1986, from Fifteen promated pools in Lea, Eddy, and Chaves Counties, New Mexico.
  - (2) Consideration of the allowable production of gas for January, 1986, from four promated cools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.
- CASE 3781: Application of Petro-Thermo Corporation for an exception to Division Order No. R-3221 and for authorization to dispose of associated waste hydrocarbons and other solids, obtained in conjunction with the drilling and production of oil and gas into a disposal site on the surface. Lea County, New "erico: Applicant, in the above-styled cause, seeks an exception to the provisions of Division Order No. R-3221, as amended, to permit the disposal of produced salt water onto the surface in the E/2 NE/4 of Section 16, Townsnip 20 South, Range 32 East. Applicant further seeks authorization to dispose of associated waste hydrocarbons and other related solids, obtained in conjunction with the drilling and production of oil and gas, onto the surface in said area. Laguna Plata, sometimes referred to as Laguna Grande is located within a portion of the above-described area.
- CASE 3782: Application of H & S Dil Company for salt water disposal, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Disco formation in the open hole interval from 7950 feet to 8220 feet in the Read & Stevens Scoggins Draw Unit Well No. 1-( located 766 feet from the South line and 2086 feet from the East line (Unit 0) of Section 31, Township 18 South, Range 27 East.
- CASE 8746: (Continued from November 6, 1985, Examiner Hearing)

Application of Jack J. Grynberg for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to the base of the Morrow formation underlying the S/2 of Section 25, Township 18 South, Range 26 East, to form a standard 320-acre gas spacing and proration unit to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well.

- <u>CASE 3783</u>: Application of TXO Production Corp. for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in all formations from 4,325 feet beneath the surface to the base of the Bone Spring formation underlying the SE/4 NW/4 of Section 26, Township 18 South, Range 32 East, forming a standard 40-acre oil spacing and proration unit to be dedicated to a well to be drilled at a standard oil well location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well.
- <u>CASE 8784</u>: Application of TXO Production Corp. for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in all formations from the surface through the base of the Queen formation underlying the NW/4 NE/4 of Section 14. Township 18 South, Range 38 East, forming a standard 40-acre spacing and proration unit, to be dedicated to a well to be drilled at standard oil well location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well.

#### Page 2 of 6

Docket No. 38-85

CASE 3785: Application of TXO Production Corp. for compulsory pooling, Eddy County, New Mexico. Applicant, in the accve-styled cause, seeks an order pooling all mineral interests in all formations from the Wolfcamp through Morrow formations underlying the E/2 of Section 2, Township 22 South, Range 27 East, forming a 320-acre, more or less. gas proration unit to be dedicated to a well to be drilled at a standard gas well location thereon. Also to be considered will be the cost of drilling and ormoleting said well and the allocation of the cost thereof as well as social operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in chilling card well.

Construed from Wovember 21, 1935, Examiner Hearing, <u>1112 1788:</u>

> Application of TVO Production Conc. for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in all formations from 4,828 feet beneath the surface to the case of the Bone Spring formation underlying the SW-4 NW-4 of Section 26. Township 18 South, Pange 32 East, forming a standard 40-acre of stacing and promation unit to be dedicated to a well to be chilled at a standard oil well location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost intereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in arilling said well.

#### CASE 3135: (Continued and Readvertised)

, in a martial of the second provider of the

.

Application of Veryl F. Moore for exemption from the New Mexico Natural Gas Pricing Act (NMPA). Applicant, in the above-styled cause, seeks the exemption from the NMPA of certain infill wells on the Protured Cliffs formation of Northwest New Mexico as provided in Section 62-7-5, NNSA, 1978. To be considered will be the granting of the exemptions from the date of the filing of the application. A list of wells for which exemptions are being sought may be obtained by contacting the Oil Conservation Divisions for which exemptions of objection. South application for exemption which Division's Santa Fe office. In the absence of objection, any such application for exemption which meets the criteria set forth in OCD Order R-5436 will be granted.

- CASE 3786: Application of The Eastland Oil Company for a unit agreement,  $\sharp$ ddy County, New Mexico. Apolicant, in the above-styled cause. seeks approval of the Power Grayburg (Federal) Unit Agreement comprising 427.44 acres, more or less, of Federal land in Township 18 South, Ranges 30 and 31 East.
- CASE 3787: Application of The Eastland Oil Company for a waterflood aroject, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project by the injection of water into the Power Grayburg-San Andres Pool in the proposed Power Grayburg (Federal) Unit Area underlying portions of: Section 1, Township 18 South, Range 30 East; and Sections 5 and 6. Township 18 South, Range 31 East. Applicant further seeks authorization to inject water under pressure in said project in excess of the OCD guideline of 0.2 psi per foot of depth.
- CASE 8759: (Continued from November 21, 1985, Examiner Hearing)

Application of Penroc Oil Corporation for HARDSHIP GAS WELL CLASSIFICATION, Lea County, New Mexico. Applicant, in the above-styled cause, seeks a determination that its Madera Com Well No. 1 located 660 feet from the North line and 1980 feet from the West line (Unit C) of Section 11, Township 24 South, Range 34 East, Antelope Ridge-Morrow Gas Pool, is a hardship gas well which should be granted priority access to pipeline takes in order to avoid waste.

CASE 8753: (Continued from December 4, 1985, Examiner Hearing)

Application of Mallon Oil Company for compulsory pooling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Undesignated Gavilan-Mancos and Undesignated Gavilan Greenhorn-Graneros-Dakdta Oil Pools underlying the N/2 of Section 13, Township 25 North, Range 2 West, to be dedicated to a well to be drilled at a standard oil well location thereon. Also to be considered will be the dost of drilling and completing said well and the allocation of the cost thereof as well as actual gerating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 8788: Application of Jerome P. McHugh for compulsory pooling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the 2 West, to form a standard 320-acre spacing and proration unit for any and all formations and/or pools developed on 320-acre spacing, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well.

- CASE 8789: Application of Geo Engineering, Inc. for a unit agreement and for authorization for a unit plan of development to more efficiently recover primary reserves and for the purpose of secondary recovery. "Crimity County, "EW Mexico. Applicant, in the above-styled cause, seeks approval of a unit area for the Mesaverge formation encompassing 1580 acres, more or less, of State and fee lands underlying either all or portions of Sections 20, 21, 22, 27, 28, 29, and 30, Township 20 North, Range 9 west. Applicant further seeks an order authorizing a plan of development within said unit area to include:
  - 1° an exception to Division General Rule 104.F., to provide for oil wells to be located not nearer shan 135 feet to the unit boundary for rearer than 10 feet to any quarter-quarter rection or subdivision inner boundary;
  - an exception to Dilision General Rule 104.0.1., allowing the operator to develop the unit area with more than four wells on each 40-acre tract; and,
  - the adoption and promulgation of special rules and procedures providing for an administrative procedure to initiate waterflood projects within one unit area.
- CASE 8689: (Continued from November 6, 1985, Examiner Hearing)

Application of Doyle Hartman for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Jalmat Gas Pool underlying a previously approved 120-acre non-standard proration unit comprising the N/2 WW/4 and SW/4 NW/4 of Section 20, Township 25 South, Range 37 East, to be dedicated to its Justis Christmas Gas Com Well No. 1 located 2225 feet from the North line and 790 feet from the West line of said Section 20. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE\_3775: (Continued and Readvertised)

Application of Yates Petroleum Corporation for compulsory pooling, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Abo formation underlying the SW/4 of Section 23, Township 5 South, Range 25 East, Undesignated Pecos Slope Abo Gas Pool, to be dedicated to a well to be drilled at a standard gas well location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 8773: (Continued from December 4, 1985, Examiner Hearing)

Application of Bliss Petroleum, Inc. for an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox gas well location for its existing J. W. Grizzell "A" Well No. 1 located 1034 feet from the South line and 2635 feet from the West line of Section 5, Township 22 South, Range 37 East, San Andres formation, the SW/4 of said Section 5 to be dedicated to said well.

CASE 8744: (Continued from December 4, 1985, Examiner Hearing)

Application of Union Texas Petroleum Corporation for downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks blanket approval for the downhole commingling of Otero-Gallup and Basin-Dakota production in the wellbore of all existing wells and all wells subsequently to be drilled in the Jicarilla "L" and "N" Leases in Townships 24 and 25 North, Range 5 West.

CASE 8736: (Continued and Readvertised)

Application of Southland Royalty Company for compulsory pooling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to the base of the Dakota formation underlying the N/2 of Section 13, Township 25 North, Range 2 West, to form a standard 320-acre spacing and proration unit for any and all formations and/or pools developed on 320-acre spacing, to be dedicated to a well to be drilled at a standard location thereon. A so to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well.

Docket No. 38-85

and the second second

## CASE 3735: (Continued from November 21, 1985, Examiner Hearing)

· · · · · · · · · ·

Application of Southland Royalty Company for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the coof the Wolfcamp formation to the base of the Morrow formation underlying the W/2 of Section 2. Township 19 South, Range 28 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of chilling and consisting said well and the allocation of the cost thereof as well as actual operating costs and thanges for supervision. Testgration of spolicant as operator of the well and a charge for misk involved in chilling said well.

# 0-<u>32 3737</u>: Contonued from Wovember 21, 1965, Examiner Hearing)

Application of Southland Royalty Company for compulsory poplind, Chaves County, New Mexico. Applicant, in the above-styled cause, ceeks to order cooling all mineral interests from the surface to the top of the wolfcamp formation underlying the SW/4 of Section 30. Township 15 South, Range L2 East, and all wineral interests from the surface to the base of the Monrow formation underlying the S/2 of said Section 30, to be tedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the south thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for misk involved in drilling said well.

- 2125 3720: The Application of the Off Conservation Division on its own motion to amend Division Order No. R-8062 and the special cool rules for and the horizontal limits of the Shipp-Strawn Pool, and to contract the East Lowington-Pennsylvanian Pool, Lea County, New Mexico. Applicant, in the above-styled cause, seeks to correct the discovery allowable assigned in Order R-8062; to amend said special rules as to pool limits and expansion; to require well locations within 150 feet of the center of a guarter-quarter section, and to transfer acreage in the NW/4 of Section 4, Township 17 South, Range 37 East, from the East Lovington-Pennsylvanian Pool to the Shipp-Strawn Pool.
  - . . . .

<u>CASE 3791</u>: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating, correcting and extending certain pools in Lea County, New Mexico:

> (a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the Hobbs Channel-Wolfcamp Pool. The discovery well is the Harvey E. Yates Company Howry 25 Well No. 1 located in Unit E of Section 25, Township 17 South, Range 37 East, NMPM. Said pool would comprise:

> > TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM

Section 25: NW/4

(b) CORRECT the location of the Johnson Ranch-Wolfcamp Gas Pool in Lea County, New Mexico, created by Order R-8075 to read as follows:

TOWNSHIP 24 SOUTH, RANGE 33 EAST, NMPM

Section 22: E/2

(c) EXTEND the South Corbin-Strawn Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM

Section 22: W/2

(d) EXTEND the Lower Double A-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM

Section 21: NW/4

(e) EXTEND the EK-Bone Spring Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM

Section 25: NW/4

### Page 5 of 6

(f) EXTEND the Hume-Morrow Gas Pool in Lea County, New Mexico, to include therein:

rento, is initial strat of 4721, man

Section 7: 002

gr EFTEND the Lea-Daw Anomas Nool in Lea Doundy, New Mexicol, to include thereint

TOLMORIP I 9 SOUTH, RAMAZ 34 EAST, MMPM

Section 13: SE : Section 23: MW 4

5251 × 251 · ·

TOWNSHIP 19 SOUTH, RANGE 35 EAST, HMPH

Section 18: w/2

 (n) EXTEND the Maljaman-Grayburg San Andres Pool in Lea County, New Maximum, to include therein:

TOUNSHIP 17 SOUTH, RANGE 30 EAST, MMPM

Section 4: NW/4, N/2 SW/4, and SE/4 SW/4 Section 9:  $\rm E/2$  NW/4

(i) EXTEND the Mescalero Escarpe-Bone Spring Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, PANGE 33 EAST, 107PM

Section 13: NW/4 Section 14: N/2

(j) EXTEND the Pearl-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM

Section 10: SE/4 Section 15: NE/4

(k) EXTEND the Querecho Plains-Queen Associated Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM

Section 21: SE/4

 EXTEND the Reeves-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM

Section 11: SE/4

(m) EXTEND the Saunders Permo-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM

Section 10: NW/4

.

. .

 $_{\rm A}n)$  EXTEND the North Shoe Bar-Wolfcamp Pool in Lea County, New Mexico; to include therein:

TOWNSHIP 16 SOUTH, DANGE 35 EAST, MMDM

.

Section 13: Ayla

1 E TEND one Mid-Vacuum-Devoniar Pool in Lea County, New Mexicol to include therein:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, MMPM

Section 16: W/2

(c) EVIIID the Month Young-Bone Suring Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM

Section 5: SE/4 Section 8: NE/4

Case 8791

## DISTRICT I

### NOMENCLATURE ADVERTISEMENT FOR DECEMBER, 1985

In the matter of the application of the Oil Conservation Division of the Energy and Minerals Department upon its own motion for an order for the creation of a new pool in Lea County, New Mexico, correction of the location of a pool created by Order R-8075, and the extension of certain existing pools in Lea County, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to show cause why such creations, corrections, and extensions should not be made.

(a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the Hobbs Channel-Wolfcamp Pool. The discovery well is the Harvey E. Yates **C**ompany Howry 25 Well No. 1 located in Unit E of Section 25, Township 17 South, Range 37 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM  $\checkmark$  Section 25: NW/4

(b) CORRECT/location of/Johnson Ranch-Wolfcamp Gas Pool in Lea County, New Mexico, created by Order R-8075 to read as follows:

TOWNSHIP 24 South, Kange 33 EAST, NMPM Section 22: E/2

(c) EXTEND the South Corbin-Strawn Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM Section 22: W/2

(d) EXTEND the Lower Double A-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM  $\checkmark$  Section 21: NW/4

(e) EXTEND the EK-Bone Spring Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM Section 25: NW/4

(f) EXTEND the Hume-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM V Section 7: N/2

(g) EXTEND the Lea-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM Section 13: SE/4 Section 23: NW/4 TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM Section 18: W/2 -2-Nomenclature Advertisement for December, 1985

(h) EXTEND the <u>Maljamar-Grayburg San Andres Pool</u> in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM Section 4: NW/4, N/2 SW/4, and SE/4 SW/4 Section 9: E/2 NW/4

(i) EXTEND the Mescalero Escarpe-Bone Spring Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM Section 13: NW/4 Section 14: N/2

(j) EXTEND the Pearl-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM V Section 10: SE/4 Section 15: NE/4

(k) EXTEND the Querecho Plains-Queen Associated Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM V Section 21: SE/4

(1) EXTEND the Reeves-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM Section 11: SE/4

(m) EXTEND the Saunders Permo-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

> TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM V Section 10: NW/4 Show Bar

(n) EXTEND the North Shoebar-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM V Section 13: NW/4

(0) EXTEND the Mid-Vacuum-Devonian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM  $\searrow$  Section 16: W/2

(  $p^{\rm c}$  EXTEND the North Young-Bone Spring Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM  $\checkmark$ Section 5: SE/4 Section 8: NE/4

Care 8 791

## DISTRICT I

### NOMENCLATURE ADVERTISEMENT FOR DECEMBER, 1985

In the matter of the application of the Oil Conservation Division of the Energy and Minerals Department upon its own motion for an order for the creation of a new pool in Lea County, New Mexico, correction of the location of a pool created by Order R-8075, and the extension of certain existing pools in Lea County, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to show cause why such creations, corrections, and extensions should not be made.

(a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the Hobbs Channel-Wolfcamp Pool. The discovery well is the Harvey E. Yates company Howry 25 Well No. 1 located in Unit E of Section 25, Township 17 South, Range 37 East, NMPM. Said pool would comprise:

> TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM Section 25: NW/4

(b) CORRECT location of Johnson Ranch-Wolfcamp Gas Pool in Lea County, New Mexico, created by Order R-8075 to read as follows:

> TOWNSHIP 24 south, range 33 EAST, NMPM Section 22: E/2

(c) EXTEND the South Corbin-Strawn Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM Section 22: W/2

(d) EXTEND the Lower Double A-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM Section 21: NW/4

(e) EXTEND the EK-Bone Spring Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM Section 25: NW/4

(f) EXTEND the Hume-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM Section 7: N/2

(g) EXTEND the Lea-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM Section 13: SE/4 Section 23: NW/4

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM Section 18: W/2 Nomenclature Advertisement for December, 1985

-2-

(h) EXTEND the <u>Maljamar-Grayburg San Andres Pool</u> in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM Section 4: NW/4, N/2 SW/4, and SE/4 SW/4 Section 9: E/2 NW/4

(i) EXTEND the Mescalero Escarpe-Bone spring Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM Section 13: NW/4 Section 14: N/2

(j) EXTEND the Pearl-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM Section 10: SE/4 Section 15: NE/4

(k) EXTEND the Querecho Plains-Queen Associated Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM Section 21: SE/4

(1) EXTEND the Reeves-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM Section 11: SE/4

(m) EXTEND the Saunders Permo-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM Section 10: NW/4

(n) EXTEND the North Shoebar-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM Section 13: NW/4

(0) EXTEND the Mid-Vacuum-Devonian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM Section 16: W/2

(  $\underline{p}^{\times}$  EXTEND the North Young-Bone Spring Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM Section 5: SE/4 Section 8: NE/4

# 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. 8791 Order No. R-8125

THE APPLICATION OF THE OIL CONSERVATION DIVISION UPON ITS OWN MOTION FOR AN ORDER CREATING, CORRECTING, AND EXTENDING HORIZONTAL LIMITS OF CERTAIN POOLS IN LEA COUNTY, NEW MEXICO.

### ORDER OF THE DIVISION

### BY THE DIVISION:

This cause came on for hearing at 8 a.m. on December 18, 1985, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this <u>14th</u> day of January, 1986, 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) There is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Wolfcamp formation, said pool to bear the designation of Hobbs Channel-Wolfcamp Pool. Said Hobbs Channel-Wolfcamp Pool was discovered by the Harvey E. Yates Company Howry 25 Well No. 1 located in Unit E of Section 25, Township 17 South, Range 37 East, NMPM. It was completed in the Wolfcamp formation on August 12, 1985. The top of the perforations is at 10,054 feet.

(3) There is need for the correction of the location of the Johnson Ranch-Wolfcamp Tas Pool created by Order No. R-8747 from Range 32 to Range 33 due to an error in the original order.

(4) There is need for certain extensions to the South Corbin-Strawn Pool, the Double A-Abo Pool, the EK-Bone Spring Pool, the Hume-Morrow Gas Pool, the Lea-San Andres Pool, the -2-Case No. 8791 Order No. R-8125

Maljamar Grayburg-San Andres Pool, the Mescalero-Bone Spring Pool, the Pearl-Queen Pool, the Querecho Plains-Queen Associated Pool, the Reeves-Pennsylvanian Pool, the Saunders Permo-Upper Pennsylvanian Pool, the North Shoe Bar-Wolfcamp Pool, the Mid Vacuum-Devonian Pool, and the North Young-Bone Spring Pool, all in Lea County, New Mexico.

## IT IS THEREFORE ORDERED THAT:

(a) A new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production is hereby created and designated as the Hobbs Channel-Wolfcamp Pool, consisting of the following described area:

> TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM Section 25: NW/4

(b) The description of the Johnson Ranch-Wolfcamp Gas Pool in Lea County, New Mexico, as shown in Division Order No. R-8747, is hereby corrected to read as follows:

TOWNSHIP 24 SOUTH, RANGE 33 EAST, NMPM Section 22: E/2

(c) The South Corbin-Strawn Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM Section 22: W/2

(d) The Lower Double A-Abo Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM Section 21: NW/4

(e) The EK-Bone Spring Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM Section 25: NW/4

(f) The Hume-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM Section 7: N/2

-3-Case No. 8791 Order No. R-8125

(g) The Lea-San Andres Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM Section 13: SE/4 Section 23: NW/4

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM Section 18: W/2

(h) The Maljamar Grayburg-San Andres Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM Section 4: NW/4, N/2 SW/4, and SE/4 SW/4 Section 9: E/2 NW/4

(i) The Mescalero Escarpe-Bone Spring Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM Section 13: NW/4 Section 14: N/2

(j) The Pearl-Queen Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM Section 10: SE/4 Section 15: NE/4

(k) The Querecho Plains-Queen Associated Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM Section 21: SE/4

(1) The Reeves-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM Section 11: SE/4 -4-Case No. 8791 Order No. R-8125

(m) The Saunders Permo-Upper Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM Section 10: NW/4

(n) The North Shoe Bar-Wolfcamp Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM Section 13: NW/4

(0) The Mid-Vacuum-Devonian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM Section 16: W/2

(p) The North Young-Bone Spring Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM Section 5: SE/4 Section 8: NE/4

IT IS FURTHER ORDERED THAT:

(1) Pursuant to Section 70-2-18, NMSA 1978, contained in Chapter 271, Laws of 1969, any well which, by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from the effective date of this order in which to file new Forms C-102 dedicating a standard unit for the pool to said well, or to obtain a non-standard unit approved by the Division. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Form C-102 dedicating a standard unit to the well or to obtain a nonstandard unit approved by the Division within said 60-day period shall subject the well to cancellation of allowable.

(2) The effective date of this order and all creations,

-5-Case No. 8791 Order No. R-8125

. .

corrections, and extensions included herein shall be February 1, 1986.

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



STATE OF NEW MEXICO OIL CONSERVATION DIVISION

(am

R. L. STAMETS Director