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

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

ORDER NO. R- 2882

THE APPLICATION OF THE OIL
CONSERVATION COMMISSION UPON
ITS OWN MOTION FOR AN ORDER Contracting,
CREATING, AND EXTENDING VERTICAL AND HORIZONTAL
LIMITS OF CERTAIN POOLS IN
CHAVES, EDDY, AND LEA COUNTIES,
NEW MEXICO.

#### ORDER OF THE COMMISSION

#### BY THE CONTISSION:

This cause came on for hearing at 9 o'clock on August 14, 1963, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this day of August, 1963, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, 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 subject matter thereof.
- (2) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the San Andres formation, said pool to bear the designation of Crow Flats-San Andres Pool. Said Crow Flats-San Andres Pool was discovered by Jack L. McClellan, Barbara Federal No. 1, located in the said, Unit J of Section 22, Township 16 South, Range 28 East, NMPM. It was completed in San Andres on June 5, 1963. The top of perforations is 2607 feet.
- (3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian (Bough C) formation, said pool to bear the designation of Flying "M"-Pennsylvanian Pool. Said Flying "M"-Pennsylvanian Pool was discovered by American Mannex Corporation, Flying M State No. 1, located in the NOTE, Unit D of Section 15, Township 9 South, Range 33 East, NMPM. It was completed in Pennsylvanian (Bough C) on May 20, 1963. The top of perforations is 9421 feet.
- (4) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Devonian formation, said pool to bear the designation of Jenkins-Devonian Pool. Said Jenkins-Devonian Pool was discovered by Amerada Petroleum Corporation, S. E. Anderson No. 1, located in Section 30, Township 9 South, Range 35 East, NMPM. It was completed in Devonian on May 6, 1963. The top of perforations is 12,634 feet.
- (5) That there is need for the creation of a new pool in Chaves County, New Mexico, for the production of oil from the San Andres formation, said pool to bear the designation of L. E. Ranch-San Andres Pool. Said L. E. Ranch-San Andres Pool was discovered by Avalanche Journal Publishing Company, L. E. Ranch 29 No. 1, located in \*\*\* Unit A of Section 29, Township 10 South, Range 28 East, MPM. It was completed in San Andres on April 3, 1963. The top of perforations is 2089 feet.
- ! (6) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Seaman (Pennsylvanian) formation, said pool to bear the designation of Maljamar-Pennsylvanian Pool. Said Maljamar-Pennsylvanian Pool was discovered by Aztec Oil & Cas Company,

- N. E. Maljamar Unit No. 2, located in the Unit F of Section 5, Township 17 South, Range 33 East, NMPM. It was completed in Seaman (Pennsylvanian) on June 12, 1963. The top of perforations is 11,630 feet.
- (7) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Granite Wash formation, said pool to bear the designation of Wantz-Granite Wash Pool. Said Wantz-Granite Wash Pool was discovered by Humble Oil & Refining Company, New Mexico State S No. 24, located in the SE/4, Unit J of Section 2, Township 22 South, Range 37 East, NMPM. It was completed in Granite Wash on May 18, 1963. The top of perforations is 7327 feet.
- (8) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Yates formation, said pool to bear the designation of West Wilson-Yates Pool. Said West Wilson-Yates Pool was discovered by C. W. Trainer, Wilson "C" No. 1, located in Unit T of Section 2, Township 21 South, Range 34 East, NMPM. It was completed in Yates on June 10, 1963. The top of perforations is 3940 feet.
- (9) That there is need for the deletion of certain acreage in the Red Lake Pool in Eddy County, New Mexico, in order to transfer this acreage to the Artesia Pool so that all wells on the same basic lease may be in the same pool.
- (10) That there is need for the extension of the vertical limits of the East Red Lake-Queen Pool in Eddy County, New Mexico, to thereby include the Grayburg formation and to rename the East Red Lake-Queen Pool to East Red Lake Queen-Grayburg Pool.
- '(11) That there is need for certain extensions to the Chisum-San Andres Pool in Chaves County, New Mexico, the Artesia Pool, the Atoka-Pennsylvanian Gas Pool, the North Benson Queen-Grayburg Pool, the North Hackberry-Yates Pool, the West Lusk-Yates Pool, the East Millman Seven Rivers Pool, the East Red Lake-Queen Pool, the Turkey Track Pool, the Vandagriff-Keyes Gas Pool, and the Indian Hills-Upper Pennsylvanian Gas Pool, all in Eddy County, New Mexico, the Bronco-Siluro Devonian Pool, the South Brunson-Ellenburger Pool, the Inbe-Pennsylvanian Pool, the Lea-Devonian Pool, the Oil Center-Blinebry Pool, the Vacuum-Abo Reef Pool, the Vacuum-Devonian Pool, the Vacuum-Glorieta Pool, the Vacuum-Pennsylvanian Pool, and the Weir-Blinebry Pool, all in Lea County, New Mexico.

### IT IS THEREFORE ORDERED:

(a) That a new pool in Eddy County, New Mexico, classified as an oil pool for San Andres production, is hereby created and designated as the Grow Flats-San Andres Pool, consisting of the following described area:

## TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM SECTION 22: SE/4

(b) That a new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, is hereby created and designated as the Flying "M"-Pennsylvanian Pool, consisting of the following described area:

### TOWNSHIP 9 SOUTH, RANGE 33 EAST, MAPA SUCTION 15: NW/4

(c) That a new pool in Lea County, New Mexico, classified as an oil pool for Devonian production, is hereby created and designated as the Jenkins-Devonian Pool, consisting of the following described area:

## TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM SECTION 30: NE/4

(d) That a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production, is hereby created and designated as the L. E. Ranch-San Andres Pool, consisting of the following described area:

TOWNSHIP 10 SOUTH, RANGE 28 EAST, NHEM SECTION 21: SW/4
SECTION 28: SW/4
SECTION 29: NE/4

(e) That a new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, is hereby created and designated as the Maljamar-Pennsylvanian Pool, consisting of the following described area:

### TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM SECTION 5: NW/4

(f) That a new pool in Lea County, New Mexico, classified as an oil pool for Granite Wash production, is hereby created and designated as the Wantz-Granite Wash Pool, consisting of the following described area:

### TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM SECTION 2: SE/4

(g) That a new pool in Lea County, New Mexico, classified as an oil pool for Yates production, is hereby created and designated as the West Wilson-Yates Pool, consisting of the following described area:

# TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM SECTION 2: SW/4

(h) That the Red Lake Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following described area:

## TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM SECTION 29: S/2 SE/4

(i) That the Artesia Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

# TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM SECTION 25: SW/4 SW/4 SECTION 29: S/2 SE/4

(j) That the Atoka-Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

### TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM SECTION 30: NE/4 and E/2 NW/4

(k) That the North Benson AQueen-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

# TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMFM SECTION 28: S/2 SW/4 SECTION 29: S/2

(1) That the Bronco-Siluro Devonian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

# TOWNSHIP 13 SOUTH, RANGE 38 EAST, NMPM SECTION 2: E/2

(m) That the South Brunson-Ellenburger Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

### TOWNSHIP 22 SOUTH, RANGE 38 EAST, NAMEN SECTION 31: NW/4

(n) That the Chisum-San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 11 SOUTH, RANGE 28 EAST, MMPM SECTION 7: E/2 W/2 SECTION 18: N/2 NW/4

(o) That the North Hackberry-Yates Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM SECTION 19: SW/4 SECTION 30: NW/4 NW/4

(p) That the Inbe-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

## TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM SECTION 18: SE/4

(q) That the Lea-Devonian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

## TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM SECTION 13: NW/4

(r) That the West Lusk-Yates Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

## TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM SECTION 22: NE/4 NW/4

(s) That the East Millman-Seven Rivers Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

# TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM SECTION 29: SE/4 NW/4 and NE/4 SW/4

(t) That the Oil Center-Blinebry Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

### TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM SECTION 3: SW/4

(u) That the East Red Lake-Queen Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

# TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM SECTION 1: NW/4 SW/4

- " (v) Extend the vertical limits of the East Red Lake-Queen Pool in Eddy County, New Mexico, to include the Grayburg formation and rename the East Red Lake-Queen Pool to East Red Lake Queen-Grayburg Pool.
- (w) That the Turkey Track Queen-Grayburg Pool in Eddy Gounty, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

### TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPN SECTION 29: SE/4 SE/4 SECTION 33: NE/4 NW/4

(x) That the Vacuum-Abo Reef Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

## TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMFM SECTION 12: N/2 NW/4

TOWNSHIP 18 SOUTH, RANGE 35 EAST, MMPM SECTION 8: SW/4
SECTION 17: NW/4

(y) That the Vacuum-Devonian Pool in Lea County, New Mexico, as

-5-CASE NO. 2882 ORDER NO.

heretofore classified, defined, and described, is hereby extended to include therein:

### TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM SECTION 36: SW/4

(z) That the Vacuum-Glorieta Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM SECTION 25: SW/4
SECTION 26: SE/4
SECTION 35: NE/4
SECTION 36: NW/4

(aa) That the Vacuum-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM SECTION 25: W/2 SECTION 36: W/2

(bb) That the Vandagriff-Keyes Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM SECTION 33: SW/4

/ TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM SECTION 11: NW/4

(cc) That the Weir-Blinebry Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM SECTION 10: SW/4

(dd) That the Indian Hills-Upper Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 24 EAST, NMPM

SECTION 20: SE/4, S/2 NE/4, SE/4 NW/4 and E/2 SW/4

SECTION 28: NW/4, W/2 NE/4, NW/4 SE/4 and N/2 SW/4

SECTION 29: NE/4, N/2 SE/4, NE/4 SW/4 and E/2 NW/4

### IT IS FURTHER ORDERED:

contractions

That the effective date of this order and all creations, deletions, change of vertical limits, change of pool names, and extension included herein shall be September 1, 1963.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

E. S. Walker, Member

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

NEW POOLS a) It is recommended that a new oil pool be created and designated as the CROW FLATS-SAN ANDRES Pool. Vertical limits to be the San Andres formation and the horizontal limits should be as follows: as shown in paragraph (a), Exhibit I Discovery well was Jack L. McClellan - Barbara Federal #1 located in Unit J Section 22 Township 16 Range 28 and was completed on perforations is at 2607 feet. b) It is recommended that a new oil pool be created and designated as the FLYING "H"-PENNSYLVANIAN Pool. Vertical limits to be the Pennsylvanian formation and the horizontal limits should be as follows: as shown in paragraph (b). Exhibit I Discovery well was American Mannex Corporation - Fly M State #1 located in Unit 15 Section 15 Township 9 Range 33 and was completed on perforations is at 9421 feet. c) It is recommended that a new oil pool be created and designated as the JENKINS-DEVONIAN Pool. Vertical limits to be the <u>Devonian</u> formation and the horizontal limits should be as follows: as shown in naragraph (c), Exhibit I Discovery well was Amerada Petroleum Corporation - S. E. Anderson #1 located in Unit 8 Section 30 Township 9 Range 35 and was completed on perforations is at 12,634 feet.

NEW POOLS d) It is recommended that a new oil pool be created and designated as the L. E. RANCH-SAN ANDRES Pool. Vertical limits to be the <u>San Andres</u> formation and the horizontal limits should be as follows: as shown in paragraph (d), Exhibit I Discovery well was Avalanche Journal Publishing Company - L. E. Ranch 29 #1 located in Unit A Section 29 Township 10 Range 28 and was completed on perforations is at 2089 feet. It is recommended that a new\_\_\_oil\_\_pool be created and designated as the MALJAMAR-PENNSYLVANIAN Pool. Vertical limits to be the Seaman (Pennsylvanian) mation and the horizontal limits should be as follows: as shown in paragraph (e), Exhibit I Discovery well was Aztec Oil & Gas Company - N. E. Maljamar Unit #2 located in Unit F Section 5 Township 17 Range 33 and was completed on perforations is at 11,630 [eet. f) It is recommended that a new oil pool be created and designated as the WANTZ-GRANITE WASH Pool. Vertical limits to be the Granite Wash formation and the horizontal limits should be as follows: as shown in paragraph (f), Exhibit I Discovery well was Humble Oil & Refining Company - New Mexico State S #24 located in Unit J Section 2 Township 22 Range 37 and was completed on perforations is at 7327 feet.

NEW POOLS	
g) It is recommended that a ne	ew <u>oil</u> pool be created and designated as the
WEST WILSON-YATES	Pool.
Vertical limits to be the	Yates formation and the horizontal
limits should be as follows: as	shown in paragraph (g). Exhibit I
Discovery well was C. W. Tr	ainer - Wilson "G" #1
located in Unit T Section 2 Ton	wnship 21 Range 34 and was completed on
June 10, 1963	動時 <del>自由地址創</del> 時時期
perforations is at 3940 feet.	
It is revended that a no	ewpool be created and designated as the
	Pool.
o be the	formation and the horizontal
, vs:	
locate	wnship Range and was completed on
	ial potential of BOPD/MCFGPD. Top of
perforation	
It is rec that a no	ewpool 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 UnitSectionTow	wnship Range and was completed on

with an initial potential of BOPD/MCFGPD. Top of

perforations is at \_\_\_\_feet.

mr. Porter.

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ستنيب	WEST WILSON-YATES Pool.
	Vertical limits to be the Yates formation and the horizonta
limi	ts should be as follows: as shown in paragraph (g). Exhibit I
	Discovery well wes C. W. Trainer - Wilson "G" #1
loca	ted in Unit T Section 2 Township 21 Range 34 and was completed on
Jun	e 10, 1963 ####################################
perf	orations is at 3940 feet.
	It is recommended that a newpool be created and designated as t
	Pool.
	Vertical limits to be theformation and the horizontal
limi	ts should be as follows:
	Discovery well was
loca	ted in UnitSectionTownshipRangeand was completed on
	with an initial potential of BOPD/MCFGPD. Top of
perf	orations is atfeet.
	It is recommended that a newpool be created and designated as the
<del></del>	Pool.
	Vertical limits to be the formation and the horizontal
1 im i	ts should be as follows:
	Discovery well was
1	ted in Unit Section Township Range and was completed on
loca	

County	EDDY	Pool	CROW	FLATS-	SAN ANDRES	3
Tounship	16	Range	28		NMPM	
6 + 1	5	4		3	2.  -	
7 +-	8	9-		10	11	12
		16		7.5		12
18	17	16 -		15	14	13
19	20	21-		22	23	24
13	20				23	24
30	29	28 -		27	26	25
30	23			2,	20	
			<u> </u>			
31	32	33 -		34	35	36
1	J-					30
urpose: Or	ne complete	d oil w	ell c	apable o	of produci	ng.
	Well: Jack					
of section	22-16-28.	Comple	ted J	une 5,	1963. Тор	of perfora
ions 2607.						
Proposed po	ool boundar	y color	ed in	green:	Section 2	2: SE/4
		<del></del>				

CASE 2882: (b) CREATION OF A NEW OIL POOL

County	LEA	Pool FLY	ING 'M"-PEN	NSYLVANIAN	
Tounshire	South	Range 33 E	ast	NMPM	
6+	5-	4	3	2.	<u>1</u>
			<del>                                      </del>		
7	8	9	10 +	11-	12
			+ + + + - + - + - + - + - + - + - + - +		
18	17	16	15	14	13
19	20	21	22	23	
		21	22	23	24
30	29	28	27	26	25
			+++	1 1 1	
				$\blacksquare$	
31-	32	33	34	35	36
			++-+-		
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		<u> TION - Flying</u> Pennsylvanian			
Perforation		<u>Cinayavanaan</u>	(DOUBLE O.)	OII HUY ZO. I	TOP UL
		colored in re	d. SECTION	15: NW/4	
		<u> </u>			

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Pool JENKINS-DEVONIAN

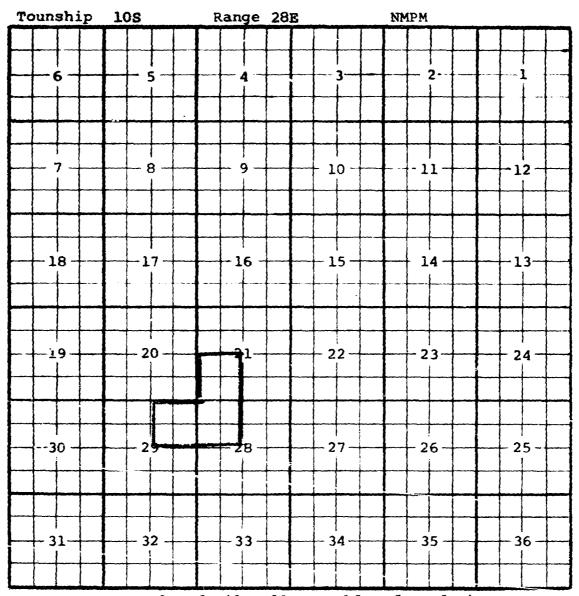
Tounship 9 South	Range 35 East	NMPM
6 + 5 + 5	4 + 3 -	21
3	4	
		:
7 + 8 +	9 10	11 12 12
18 17	16 15	14 13 13
19 20	21 22	23 24 24
39 29	28 27	26 - 25
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31 - 32 -	33 - 34 -	35
	<del></del>	

PURPOSE: One completed oil well capable of producing.

AMERADA PETROLEUM CORPORATION - S. E. Anderson No. 1 in Unit B of Section 30-9-35. Completed in Devonian on May 6, 1963. Top of Perforations 12,634'.

Proposed pool boundary colored in red. SECTION 30: NE/4

County CHAVES Pool L.E.RANCH-SAN ANDRES



Purpose: Two completed oil wells capable of producing.

DISCOVERY WELL: Avalanche Journal Publishing Co.-L.E.Ranch 29, No. 1 in Unit A of section 29-10-28. Completed in San andres, April 3, 1963. Top of perforations 2089.

Avalanche Journal Publishing Co. - L.E.Ranch 21, No. 1 in Unit M of section 21-10-28. Completed in San Andres, April 16, 1963. Top of perforations 2302.

Proposed	pool	boundary	colored	in	green.	Sec.21:	SW/4
						Sec. 28:	NW/4
***************************************						Sec. 29	: NE/4
		<del> </del>			<del></del>		

CASE 2882: (e) CREATION OF A NEW OIL POOL

	LEA CREATI			LVANIAN	
_		Range 33		NMPM	
6	<b>1</b>	4	3-1-	2	1
7 +	8	9	10	11	12
18	17	16	15	14	13
-+19+	20	21-	22	23	24
30 +-	29	28	27	26	25
-1-1-	1			1 1 1 1	
-1-1-1-					
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-+ 31-+-	32	33	34	35	36
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PUDDOOD	^			<del></del>	
	One completed	<del>-</del>	-		2 of Continu
	& GAS COMPANY				
	Completed in	Seaman (Penns	yivanian) o	11 June 12, 1	903, 10p OI
	ns 11,630'.	3	1 chemren	5 272/4	- ************************************
rroposed p	ool boundary	colored in re	g. SECTION	D: NW/4	
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CASE 2882: (f) CREATION OF A NEW OIL POOL

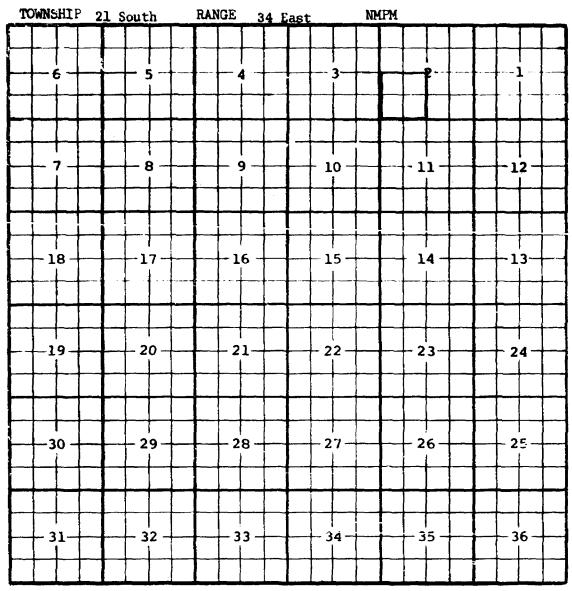
County LEA POOL WANTZ-GRANITE WASH

Tounship	22 South	Range	37 East	NMPM	
6+	5	4	3-	2	1
					1
	8-	1 9 1	10	11	12
				1 1 1	
18	17-	16	15	14	13
		1-1-			
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		$\blacksquare$			
19	20 —	21	22	23	24
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		1	1-1-1-	+	
31-	32	33	34+	35	36
	$\blacksquare$	1 + + +			

PURPOSE: One completed oil well capable of producing.
HUMBLE OIL & REFINING COMPANY - New Mexico State S No. 24 in Unit J of .
Section 2-22-37. Completed in Granite Wash on May 18, 1963. Top of
Perforations 7327'.
Proposed pool boundary colored in red. SECTION 2: SE/4

COUNTY LEA

POOL WEST WILSON-YATES

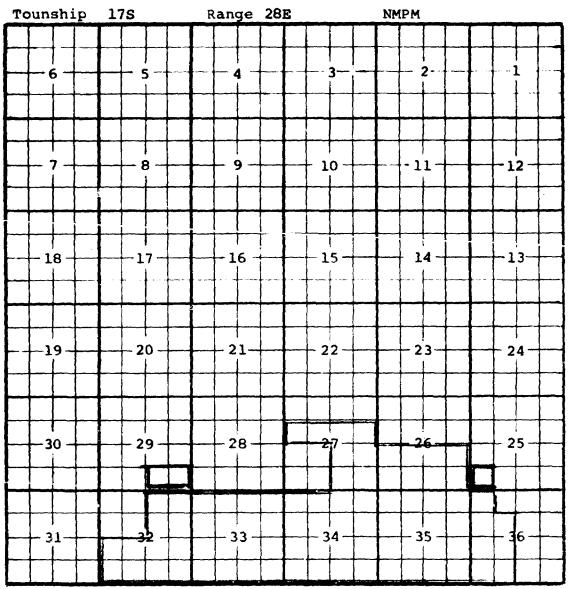


PURPOSE: One completed oil well capable of producing.

C. W. TRAINER - Wilson "G" No. 1 in Unit T of Section 2-21-34.	Completed
in Yates on June 10, 1963. Top of Perforations 3940'.	
Proposed pool boundary colored in red. SECTION 2: SW/4	
	المستقد المستق
	1
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Pool RED LAKE County EDDY NMPM Range R28E Tounship 17S 2 -4 6 -12 - 11 10 9 - 8 -13 15 16 17 -18 24 23 22 - 21-- 20 - 25 - 28 29 -30 36 -- 35 -34-- 33 -32 -- 31-Purpose: To delete and transfer certain acreage from the Red Lake Pool to the Artesia Pool in order that all wells on the same basic lease may be in the same pool. Pool boundary colored in red.
Proposed deletion colored in blue. Section 29: S/2 SE/4 Pool boundary colored in red.

County EDDY Pool ARTESIA



Purpose: Two completed oil wells capable of producing.

International-Yates, State 647, No. 194 in Unit M of section

25-17-28. Completed in Queen-Grayburg, June 17, 1963.

Top of perforations 1781'.

International-Yates, State 647, No. 196 in Unit P of section 29-17-28. Completed in Grayburg, June 28, 1963.

Top of perforations 1894'. This well is being transfermed into the Artes... Pool from the Red Lake Pool.

Pool boun	dary colore	ed in red	1.				
Proposed	extensions	colored	in	green.	Section	25:	SW/4 SW/4
,					Section	29:	S/2 SE/4
		<del></del>					

County	EDDY		ATOKA-PENNS	YLVANIAN GAS	<b>;</b>
Tounship		Range		nmpm	
6	5	4 -	3-1-	2-1-1	1
					+++
7	8	9-	10	11-	12
					<del>-        </del>
18	17	16 -	15	<b>-</b>   14 -   -	13
				1-1-1-1	
				1 1 1 1	+++
				1 1 1 1	-   -   -
19-1-	20-	21-	22	1 2 2 3 + 1	24
				++++	
30	29	28 -	27	26	25
				++++	+++
				+	
				<del>                                     </del>	
31-	32	33 -	34	35	36
				1 + + 1	
Burroson O	ne complet	od nas i	well capable	of producin	
·					
			ckson A, No.		
			in Pennsylv Acreage dedi		
TOP OT PETT	Oractons e	312 .	Acreuge dear	cación, 240	acres.
	<del></del>				
Pool hounds	ru goloroá	in rod			
Pool bounda			The state of the s	ection 30. N	π-/Λ c.
rioposed ex	censions C	OTOLUU.	in green. S		$16/4 \propto$ $1/2 NW/4.$
					-,,
		·····			<del></del>
		<del></del>			

CASE 2002;	EDDY		OPTH BENSON	ool I <b>-Queen-</b> Grayi	RITEC
County				GOBBN GIGHT	DORG
Tounship	185	Range 3	OE	NMPM	
6-	5-	4	1 3	2	- i
7	8		10	11 + +	12
				11	12
18	17	16	15	14	13
10					
19	20	21-	22	23	24
13	20	21	22	23	24
	20	20	22		25
30		28	27 +	26	25
31	32	33	1 34	35	36
Purpose: Tw	o complete	d oil wel	ls capable	of preducing	<del></del>
				in Unit K	·
29-18-30.	Completed	in Queen-	Grayburg, J	Tune 24, 196	3.
Top of perf	orations 2	987'.			
			No. 1 in U	Unit O of sec	ction -
29-18-30.	Completed	in Queen,	April 20,	1963.	
Top of perf	orations 2	983'.			
			A SAME AND S		
Pool bounda	rv colored	in red.			
			green. Sec	ction 28: S/	2 SW/4
		220204 211		tion 29: S/	
	<del></del>				

COUNTY LE

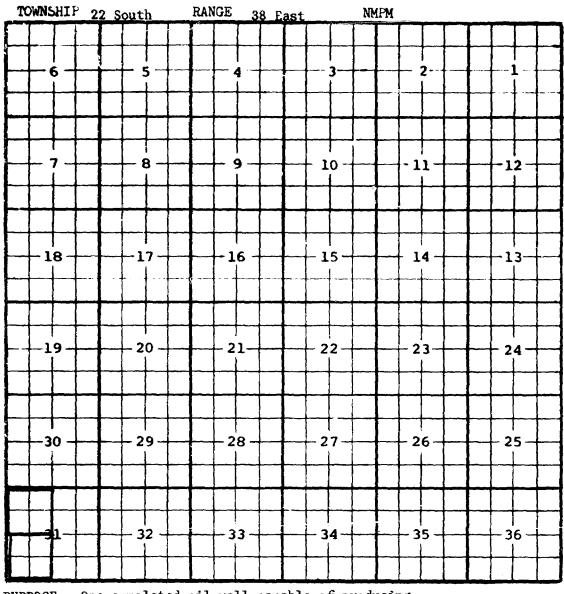
POOL BRONCO-SILURO DEVONIAN

TOWNSHIP 13 South	RANGE 38 East	NMPM	
6 + 5 + 5			
78	9	10 + 11 +	12
1817	16	15 14	13
			13
19	21	22 23	24
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			<del>-  - -   </del>
30	28	26	25
	$\mathbf{I}$	-+	<del>-                                      </del>
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$\blacksquare \blacksquare $	╂╌┼╌┼╌╂╶┤		
31 32	33	- 34 35 -	36
	$\{ \cdot \mid \cdot $		

PURPOSE: One completed oil well capable of producing.
McFARLAND CORPORATION - Harris No. 1-2 in unit B of Section 2-13-38. Com-
pleted in Devonian on June 22, 1963. Top of Perforations 11,8661.
Pool boundary colored in red.
Proposed pool extension colored in green. SECTION 2: E/2
•

COUNTY LEA

POOL SOUTH BRUNSON-ELLENBURGER



PURPOSE: One completed oil well capable of producing.

TEXACO, INC. - A. H. Blinebry NCT-3 No. 3 in Unit E of Section 31-22-38.

Completed in Ellenburger on June 1, 1963. Top of Perforations 5599¹.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 31: NW/4

CASE 2882: (n) EXTENSION OF AN EXISTING OIL POOL

Tounship	lls	Range 28E		NMPM	
			1111		
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╌╀╴┡╶┼╌	8	9	+ 10 -	- 11	12
			+ + + +		
18	17	16	15	14	13
		10		1-1	
19	20	21	22	23	24
					<b>!</b>
			1-1-1-1		
			1 1 1		╂─┼─┼
30	29	28	27	26	25
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		┠╼┼╌┼╌╂╌		<del></del>	┠╌┼╌┼
	<b>4</b> <del></del>	┠┈┼┈┼┈╂╌	+		┠╌┼╌┼
31	32	33	34	35	36

Purpose: One completed oil well capable of producing.

Avalanche Journal Publishing Co. - L.E.Ranch 7, No. 1 in Unit
C of section 7-11-28. Completed in San Andres, January 27, 1963.

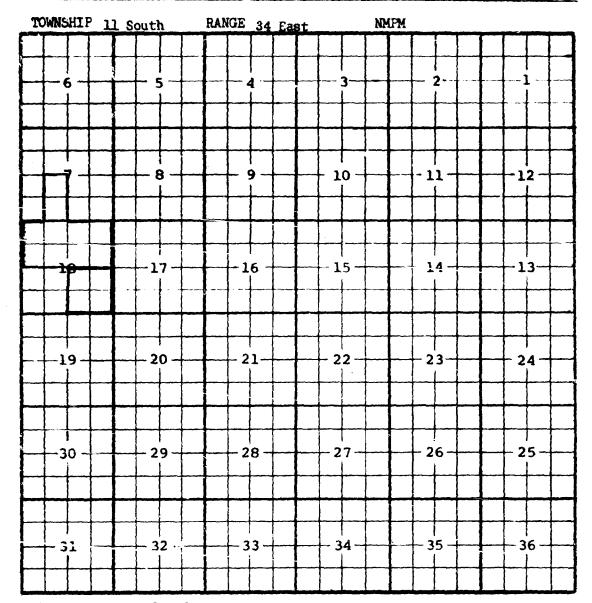
Top of perforations 2003'.

Pool bour	ndary colore	ed in red.		
Proposed	extensions	colored in gre	en. Secti	on 7: E/2 W/2
		Addition:	Section 1	8: N/2 NW/4
******		** ** ********************************		
	<del></del>			

CASE 2882: (o) EXTENSION OF AN EXISTING OIL POOL Pool North Hackberry-Yates Eddy Range 31E County 195 Tounship - 11 10 9 8 15 16 -17 18 24 23 25 26 27 28 -30 35 34 - 33 purpose: One completed oil well capable of producing. 32 MWJ Producing Co. - Tidewater FE, No. 3 in Unit L of section 19-19-31. Completed in Yates, May 5, 1963. Top of perforations 2006'. Proposed extensions colored in green: Section 19: SW/4 Section 30: NW/4 NW/4 Pool boundary colored in red.

COUNTY LEA

POOL INBE-PENNSYLVANIAN



PURPOSE: One completed oil well capable of producing.

L. R. FRENCH, JR. - Gulf State No. 3 in Unit J of Section 18-11-34. Completed in Pennsylvanian (Bough C) on May 10, 1963. Top of Perforations 9862'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 18: SE/4

CASE 2882: (q) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA		-DEVONTAN		
TOWNSHIP 20 South	RANGE 34	Fast N	IMPM	
6 + 5 + 5	1 1	3	2	1-1-
		i		
7 + + 8 +	9 +	10	1 1 1	12
18 + 17 +	16	15	14	<b>}1</b> ₿ -
		1		
		1 1 1		
- 19 - 20 -	21-	22	23	24
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<del></del>		<del></del>		$\vdash$
	28	27	26	25
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<del>╶</del> ┼╌┼╌╂╌┼╌┼╴		╂╌┼╌┼╌		┡╾┼╌┼╌┼╌
<del>╶┼╌</del> ┼╶╂╌┼╌┼╌	<b></b>	╂╌┼╌┼╌		-
31 + 32 +	33 +	34	35	36
<del></del>		<del></del>	+	
PURPOSE: One complete	ed oil well ca	spable of pro	oducing.	<del></del>
ARATHON OIL COMPANY -	Lea Unit No.	10 in Unit	F of Section	13-20-34.

MARATHON OIL COMPANY - Lea Unit No. 10 in Unit F of Section 13-20-34.

Completed in Devonian on June 4, 1963. Top of Perforations 14,308.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 13: NW/4

CASE 2882: (r) EXTENSION OF AN EXISTING OIL POOL

County	EDDY	Pool 1	West Lusk-Y	ATES	
Tounship	19 <b>s</b>	Range	31 <u>E</u>	NMPM	
6-	5	4-+	3	2	1
				<del></del>	
			1 1 1 1		
7	8	9	10	-11	12
1+++					
18	17	16	15	14	13
		10			
				1 1 1	
19	20	21	22	2/3	24
	╂┼┼				
30	29	28 +	27	26	25
31-	32	33 -	34	35	36

Delhi Taylor Oil Corp. - Barton A Federal, No. 1 in Unit C of Section 22-19-31. Completed in Yates, May 2, 1963. Top of

perforations 2348'.

Purpose: One completed oil well capable of producing.

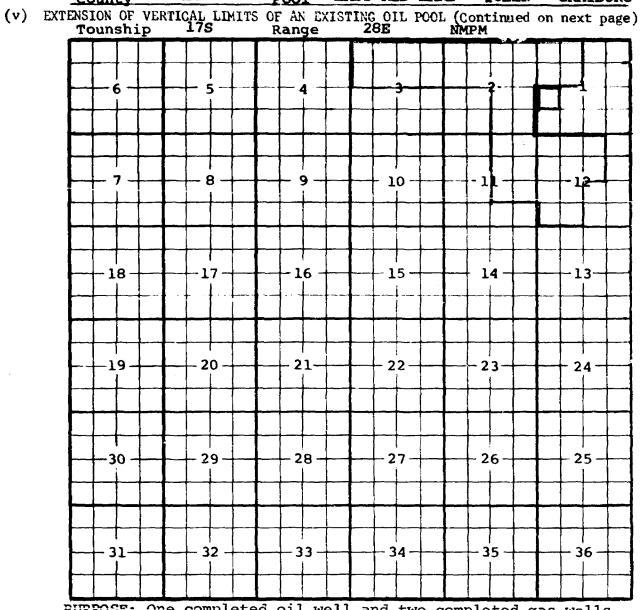
Pool boundary colored in red.

Proposed extensions colored in green. Section 22: NE/4 NW/4

Pool EAST MILLMAN-SEVEN RIVERS County 28E 198 Tounship Range NMPM 2-8 - 9 -10 -- 11 -12 -13--18 17 -- 16 -15 14 --19 20 - 21-24 27--30 - 26 -25 28 - 31-32 -- 33 -- 34 -35 -36 -Purpose: One completed oil well capable of producing. John A. Yates - Betty Ann, No. 1 in Unit K of section 29-19-28. Completed in Seven Rivers, June 7, 1963. Top of perforations 1046½:. Pool boundary colored in red. Proposed extensions colored in green. Section 29: SE/4 NW/4 & NE/4 SW/4.

COUNTY	LEA	<del></del>		L	OH	CE	ENT	ER-BLIN	EBRY							
TOWNSHIP	21 Sou	ith	RAN	GÉ	<b>3</b> 76	Eas	st		NMPM							
			12	,										$\Box$		
6+		5	13	14	45	16	13	-8		-	2			1	_	_
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30		29		- 2				- 27			6 ~			- 25		
30											<b>6</b>				_	
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<b></b>						_				├-						
31-	<b></b> :	32 +		- 3	3 -	-		- 34 -		<del> </del> 3	5 -			- 3€	<b>;</b> -	
	1	+ + -	lacktree lac		-					<del> </del>			1	+	-	$\dashv$
PURPOSE:	ûne com	pleted	oil	we	11	cap	ab1	e of p	roduc	ing.	<u>-</u>	لسيا				لـــــ
SUN OIL CO												3-2	1-3	6	Co	m=_
pleted in	Upper B	linebr	y on	.In	ne	7,	196	3. To	p of	Per	fora	tio	ns_	5899	91.	
Pool bound	ary col	ored i	n re	d.						-						
Proposed p	<u>ool ext</u>	ension	col	ore	d i	n g	ree	en. SE	CTION	3:	SV	1/4				
	<del></del>						-	~								•
		•									·					
										<del></del>						
										·				<del></del> -		<del></del> ,

County EXTENSION OF AN EXISTINGAST RED LAKE - QUEEN, changing to County Pool EAST RED LAKE - QUEEN - GRAYBURG



PURPOSE: One completed oil well and two completed gas wells capable of producing. And, to include the Grayburg formations in the vertical limits of the East Red Lake - Queen Pool.

R.Q.Silverthorne - Leonard No. 2 in Unit L of Section 1-17-28.

Completed in Queen, June 10, 1963. Top of perforations 1632'.

Kersey & Donahue - Federal No. 2 in Unit G of Section 3-17-28.

Completed in Queen - Grayburg March 30, 1963. Top of perforations 1442'. A gas well.

Pool bour	ndary color	ced in re	ed.					
Proposed	extension	colored	in	green.	Section	1:	NW/4	SW/4.

CASE 2882: (u) AND (v) EXTENSION OF VERTICAL AND HORIZONTAL LIMITS OF AN EXISTING OIL POOL (Continued)

EAST RED LAKE - QUEEN - GRAYBURG

POOL EAST RED LAKE - QUEEN - GRAYBURG

EDDA County NMPM Range 28 16 Tounship 4 5 12 - 11 10 9 8 -13-14 15 - 16 -17 18 24 · 23 22 21-20 -19 25 26 27 28 29 -30 35 - 34 - 33 32 - 31-Purpose: As stated on page 1 of this exhibit. Kincaid & Watson Drlg. Co. - Southern Union Fed. No. 3 in Unit O of section 34-16-30. Completed in Grayburg, August 3, 1961. Top of perforations 1742'. A gas well. Pool boundary colored in red.

ASE 2882:	(w) EXTE	W2ION OI	TITRKE	Y TRACK			
unty	EDDY	Pool	1010		NMPM		
	18S	Range	29E		NMPM		
unship	100				1	+-1-1	
				3	2.	<del>·</del> ├─╂ <sup>┈</sup> ╡	
-6-	5-	1-1-4-		Lil	1	┼╌╂╌┤	
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	1		1	$\top$		<del></del>	1-1-1
	1		+-1		11	1-1-	-12
1	1 8	1 9	+-	+ 10 +			1-1-1
十7十		<del></del>	-+	+++			<del>                                      </del>
+++		<del></del>	++				1-1-1
+-+-		<b></b>		+++		4	13
+++	1 17	1	6 +	15			
18 +	17-						
-+-+-					11		
					++-		24
	1 7	1 2	21-	22 -	+++	23	
19-	20		-	-	+-1-	1	
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1	<del>                                     </del>		28	1 27	+++	26	
30		, —		$\bot$	-+	++	
1-1-	<del></del>			1			
<b></b>				1	<del></del>		
1	-+		-33	3	4-4-4	-35+	36
31	. — — 3	12	- 33			<del>- i - i</del> -	†
		<del>                                      </del>					aing.
	e: Two co	nleted	oil We	11s car	pable of	produ	in Unit P o
Purpos	e: Two co	Re - Fe	deral	Interna	ational	No. 1	111 0112
Bond C	perating	COMP	leted	in Que	en, June	5, 19	in Unit Po
Section	perating on 29-18-2	29. COMP	53.				tion 33-18-
Top o	f perfora	tions in	eral N	o. 2 in	Unit C	of Sec	ction 33-18- cations 1995
Nix &	Curtis -	N1X Fede	1v 29	1962.	Top of	perio	rations 1995
Comp1	eted in O	ueen, ou					
							// 05//
Pool	boundary	colorea	In re	in are	en. Sec	tion 29	9: SE/4 SE/4 3: NE/4 NW/4
Prop	osed exte	nsions co	ororec	744 7	Sec	tion 3	3: NE/4 NW/
*							

CASE 2882: (x) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY	LEA	POOL VACUUM	-ABO REEF	·	
TOWNSHIP	18 South	RANGE 35	East	NMPM	
6	5		┸		
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18	17	16	15	14	13-
19	20	21-	22	23	24
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	+				<del></del>
+++		1 + + + -			<del>}                                    </del>
30	29	28	27	26	25
<del>-       -   -   -   -   -   -   -   -  </del>	<b>i</b>				
31	32	33	34	35	36
31	32	33	34	33 1	36
PURPOSE:	One complete	d oil well ca	pable of p	roducing.	<del></del> .
SINCLAIR O	IL & GAS COM	PANY - State	Lea 403 '	. in Unit D	of Section
	Completed i	n Bone Spring	s on May 6.	, 1963. Top o	<u> cerforation</u>
8807'.					
Proposed p			•	CTION 8: SW/4	
				CTION 17: NW/	±
		·			
		<del></del>		······	

	(x) EXTENSION POX	OF AN EXISTING	nrer		
CASE 2882:	(x) DX2—	OL VACUUM-ABO	KELL		
COUNTY	Liter		NMPM		
	18 South RA	NGE 34 East		1+++	
TOWNSHIP		1-1-1-	TIL	2	
	1++1	1 1 1	-3-1	<u> </u>	+-1
	1-5-	T4]]	+++		+
H-6-T	11+++	+	<del></del>		+1
HTT				+++1!	
1-1-1		-+-		-11-1-1	
1-1-1-1		1-9-1-	10	-+-	
1-7-	1 8 1				
	111		+++		+
	1-1-1-		+++	14+++	13-1-1
		1716	15		1-1-1
	17+	++16			1-1-1
18	T 1 1 1 1 -+	-1-1-1	111-	++11]	
		4++		+++	24
1-1-1		+++	22	+23+++	- 24
·	20-	21-	72		
1	9+++4				
	1-1-1-		1		++-
	1-1-1-		1-1-1-	26	25
		++++	1-1-27-	1771	1-1-1
	29	1 28 +	1	+++	
+	-30	111		1-1-1	
1	++1			++++	36
<b>}</b>	+++	11+++	34+		730
<b> </b>	++++1	33	<del>-+</del> - 34		
	-31-1-3		-1-1-		
				anh (x), Exhib	it I
	INC - S	ed on preceding	page, paragi	o in Unit C of	it I. Section 12-18-34.  18 8694'.  2 NV/4
Pi	RROSE: As star	ed on Frew MCX	ico "AE" No.	6 parioration	s 8694'
	EXACO, INC Sompleted in Abo	tate or none 2	8, 1963. Top	01 161	
ADDITION	completed in Abo	Reef on our		12. N/	2 NV/4
بـ	boundary co	olored in reus	in green.	SECTION 12	
_ا	Poor seed pool e	xtension colore	<u></u>		
ADDITION	completed in Abordon boundary corproposed pool e				
					,,,, ,, ,, ,, ,, ,, ,

POOL VACUUM-DEVONIAN RANGE 34 East TOWNSHIP 17 South NMPM - 2-5 ~ - 4 " - 8 -9 -10 -- 11 --12 - 18 --17 -16 -- 15 -14 --19 20 -22-21-23-24 -30 -- 29 28 - 27 26 25 - 33 -- 31-- 32 -- 34 -

PURPOSE: One completed oil well capable of producing.

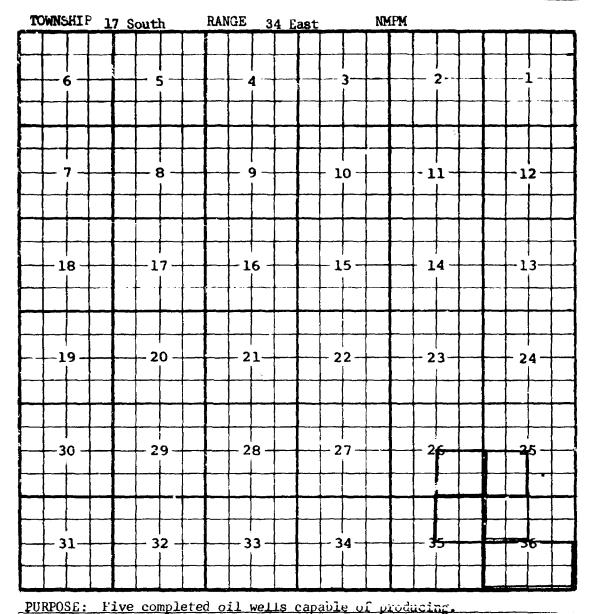
TEXACO, INC. - State of New Mexico "O" NCT-1 No.17 in Unit N of Section.
36-17-34. Completed in Devonian on June 1, 1963. Top of Perforations.
11,980'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 36: SW/4

COUNTY LEA

POOL VACUUM-GLORIETA



MARATHON OIL CO. - State McCallister No. 6 in Unit L of Section 25-17-34.

Completed in Glorieta on June 5, 1963. Top of Perforations 5968.

MARATHON OIL CO. - State McCallister No. 8 in Unit M of Section 25-17-34.

Completed in Glorieta on June 20, 1963. Top of Perforations 5963.

MARATHON OIL CO. - State McCallister No. 9 in Unit K of Section 25-17-34.

Completed in Glorieta on July 9, 1963. Top of Perforations 6003.

GETTY OIL CO. (TIDEWATER) - State "F" No. 5 in Unit D of Section 36-17-34.

Completed in Glorieta on June 6, 1963. Top of Perforations 5951.

GETTY OIL CO. (TIDEWATER) - State "F" No. 7 in Unit C of Section 36-17-34.

Completed in Glorieta on June 26, 1963. Top of Perforations 5996.

-SOCONY MOBIL CO. - State Bridges No. 97 in Unit P of Section 26-17-34.

ADDITION-----SOCONY MOBIL OIL CO. - State Bridges No. 97 in Unit P of Section 26-17-34.

Completed in Glorieta on June 16, 1963. Top of Perforations 5974'

ADDITION-----CONTINENTAL OIL CO - State H-35 No. 8 in Unit A of Section 35-17-34, Completed in Gloriet on July 28, 1963. Top of Perfc tions 5964.

# VACUUM-GLORIETA (Continued)

Pool boundary colored in red.
Proposed pool extensions colored in green.

SECTION 25: SW/4
SECTION 36: NW/4
ADDITIONS---SECTION 26: SE/4
SECTION 35: NE/4

CASE 2882: (aa) EXTENSION OF AN EXISTING OIL POOL

COUNTY

LEA

POOL VACUUM-PENNSYLVANIAN

TOWNSHIP	17 South	RANGE 34 Eas	t NM	PM_	
1-6-	5	1 4 1	3 1 1	2	
1 7 +	8 +	1 9 1	10	11	12
	1				
18	17	16	15	14	13-
	1 1 1	1			
		1 1 1			
19	20	21-1-1	22	23	24
		1			
30 +	29	28	27	26	<del>    25      </del>
		1		111	
		1			
31-	32	33	34	35	**
ривросе.	Two completed	oil wells ca	nable of are	duaina	
		New Mexico "			
	_	Pennsylvania	_		p or Periora-
-		New Mexico "			Vi of Costion
tions 10,1	. *	Pennsylvania		•	
					•
		n red. s colored in			
				•	
	<del></del>				
					<del></del>

County	EDDY	Pool	VANDAGEL	FF-KEYES	GAS	
Tounship	16S	Range	28 <b>E</b>	NMPM	<u> </u>	
6	5	4	3		2	1
						Ī
7	8 +	_	10	<del></del>	1	12
					+ + + + - + -	+
						+
18	17	16	15		14 + 1	13
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		+ + +			+ + + +	+
19	20	21-	22		23 + 2	24
30	29	28 -	27		26 - 2	25 —
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31	32	<del></del>	34	1113	35 3	36
						+
	wo completed Huff - Dell					
22-10-20.	Completed :	TII Queei	1, May 20	, 1203.	Tob Tor OI	

Burleson & Huff - Delhi Federal No. 1 in Unit K of section
33-16-28. Completed in Queen, May 20, 1963. Top fm of
perforations 1330'.

Pool boundary colored in red.
Proposed extension colored in green. Section 33: SW/1

CASE 2882: (bb) EXTENSION OF AN EXISTING GAS POOL (Continued)

County	EDDY	Pool V	ANDAGRIFF-	KEYES GAS	
Tounship	17 <i>s</i>	Range	28E	NMPM	
6	5	4	1-3	2	1
		<del></del>		1-	
7 -	8 -	9 +	10		12
					++-+-
18	17	16	15	14	13
19	20	21-	22	23	24
				++++	
			1		+++
30	29	28	27	26	25
31-	32	33	34	35	36
					<del></del>
Purpose: As	stated or	page one	of this e	xhibit.	
				f section 11	-17-28.
Completed i	n Queen, A	pril 2, 1	963. Top o	of perforation	ons 1584'.
			and the second s		
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PURPOSE: One completed oil well capable of producing.
PURPOSE: One completed oil well capable of protein 10-20-37.  CONTINENTAL OIL COMPANY - Britt B No. 18 in Unit N of Section 10-20-37.
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Pool boundary colored in red.  SECTION 10: SW/4
Proposed pool extension colored in green. SECTION 10: SW/4

ASE 2882:	(qq) ry	TENSION OF AN	INDIAN HI	LLS - UPPER	PENNSYLVANIAN GAS
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In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation of new pools in Chaves, Eddy, and Lea Counties, New Mexico, the deletion of a certain existing pool in Eddy County, New Mexico, the extension of vertical limits to a certain existing pool in Eddy County, New Mexico, and extensions of certain existing pools in Eddy and Lea Counties, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations, deletions, extension of vertical limits, and extensions should not be made.

a) CREATE A new pool in Eddy County, New Mexico, classified as an oil pool for San Andres production, designated as the Crow Flats-San Andres Pool, and described as:

# TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM SECTION 22: SE/4

b) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, designated as the Flying "M"-Pennsylvanian Pool, and described as:

# TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM SECTION 15: NW/4

c) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Devonian production, designated as the Jenkins-Devonian Pool, and described as:

# TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM SECTION 30: NE/4

d) CREATE A new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production, designated as the L.E. Ranch-San Andres Pool, and described as:

TOWNSHIP 10 SOUTH, RANGE 28 EAST, NMPM SECTION 21: SW/4
SECTION 28: NW/4
SECTION 29: NE/4

e) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, designated as the Maljamar-Pennsylvanian Pool, and described as:

# TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM SECTION 5: NW/4

f) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Granite Wash production, designated as the Wantz-Granite Wash Pool, and described as:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, MMPM SECTION 2: SE/4

g) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Yates production, designated as the West Wilson-Yates Pool, and des-

-2- August, 1963 Nomenclature

cribed as:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM SECTION 2: SW/4

Contrast

by the delation DEDETE the Red Lake Pool in Eddy County, New Mexico, described as: of the following area:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM SECTION 29: S/2 SE/4

i) EXTEND the Artesia Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM SECTION 25: SW/4 SW/4 SECTION 29: S/2 SE/4

j) EXTEND the Atoka-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

> TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM SECTION 30: NE/1 and E/2 NW/4

k) EXTEND the North Benson Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

> TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM SECTION 28: S/2 SW/4 SECTION 29: S/2

1) EXTEND the Bronco-Siluro Devonian Pool in Lea County, New Mexico, to include therein:

> TOWNSHIP 13 SOUTH, RANGE 38 EAST, NMPM SECTION 2: E/2

m) EXTEND the South Brunson-Ellenburger Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM SECTION 31: NW/4

n) EXTEND the Chisum-San Andres Pool in Chaves County, New Mexico, to include therein:

> TOWNSHIP 11 SOUTH, RANGE 28 EAST, NMPM SECTION 7: E/2 W/2 SECTION 18: N/2 NW/4

o) EXTEND the North Hackberry-Yates Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, MAPE SECTION 19: SW/4 Section 30: NW/4 NW/4

p) EXTEND the Inbe-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

> TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM SECTION 18: SE/4

- -3- August, 1963 Nomenclature
- q) EXTEND the Lea-Devonian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM SECTION 13: NW/4

r) EXTEND the West Lusk-Yates Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM SECTION 22: NE/4 NW/4

s) EXTEND the East Millman-Seven Rivers Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM SECTION 29: SE/4 NW/4 and NE/4 SW/4

t) EXTEND the Oil Center-Blinebry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SC'TH, RANGE 36 EAST, NMPM SECTION 3: SW/4

u) EXTEND the East Red Lake-Queen Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM SECTION 1: NW/4 SW/4

- v) That the vertical limits of the East Red Lake-Queen Pool be extended to include the Grayburg formation and rename the East Red Lake-Queen Pool to East Red Lake-Queen-Grayburg Pool.
- w) EXTEND the Turkey Track\*Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM SECTION 29: SE/4 SE/4 SECTION 33: NE/4 NW/4

x) EXTEND the Vacuum-Abo Reef Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM SECTION 8: SW/4 SECTION 17: NW/4

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

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM SECTION 36: SW/4

z) EXTEND the Vacuum-Glorieta Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM SECTION 25: SW/4
SECTION 36: NW/4

- -4- August, 1963 Nomenclature
- aa) EXTEND the Vacuum-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM SECTION 25: W/2 SECTION 36: W/2

- bb) EXTEND the Vandagriff-Keyes Gas Pool in Eddy County, New Mexico, to include therein:
  - TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM SECTION 33: SW/4
  - TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM SECTION 11: NW/4
- cc) EXTEND the Weir-Blinebry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NAPM SECTION 10: SW/4

Extend the Indian Hills - Upper Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

Township 21 South, Range 24 East, NMPM

Section 20: 5=14, springly, self muly and Ele Swly

Section 28: NW/4, W/2 NE/4, NW/4 SELY and N/2 SW/4

Section 29: NE/4, N/2 SE/4, NE/4 SW/4 and Ele NW/4

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### DOCKET: REGULAR HEARING - WEDNESDAY - AUGUST 14, 1963

OIL CONSERVATION COMMISSION - 9 A.M. - MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

ALLOWABLE: (1) Consideration of the oil allowable for September, 1963;

(2) Consideration of the allowable production of gas for September, 1963, from ten prorated pools in Lea and Eddy Counties, New Mexico, also consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico, for September, 1963.

CASE 2881: Application of Benson-Montin-Greer Drilling Corporation for 160-acre spacing, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks temporary 160-acre spacing for a period of three years for oil wells completed in the Gallup formation underlying Townships 25, 26 and 27 North, Ranges 1 East and 1 West, Rio Arriba County, New Mexico, and for authority to conduct interference tests and to transfer allowables during said temporary period.

CASE 2882: Southeastern New Mexico nomenclature case calling for an order for the creation, contraction and extension of certain pools in Chaves, Eddy, and Lea Counties, New Mexico.

(a) Create a new pool in Eddy County, New Mexico, classified as an oil pool for San Andres production, designated as the Crow Flats-San Andres Fool, and described as:

# TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM SECTION 22: SE/4

(b) Create a new pool in Lea County, New Mexico, classified as an oil pool for Fennsylvanian production, designated as the Flying "M"-Pennsylvanian Pool, and described as:

# TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM SECTION 15: NW/4

(c) Create a new pool in Lea County, New Mexico, classified as an oil pool for Devonian production, designated as the Jenkins-Devonian Pool, and described as:

# TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM SECTION 30: NE/4

(d) Create a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production, designated as the L. E. Ranch-San Andres Pool, and described as:

-3-Docket No. 23-63

(1) Extend the Bronco-Siluro Devonian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 13 SOUTH, RANGE 38 EAST, NAPM SECTION 2: E/2

(m) Extend the South Brunson-Ellenburger Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 38 BAST, NMPM SECTION 31: NW/4

(n) Extend the Chisum-San Andres Fool in Chaves County, New Mexico, to include therein:

TOWNSHIP 11 SOUTH, RANGE 28 EAST, NAPM SECTION 7: E/2 W/2 SECTION 18: N/2 NW/4

(o) Extend the North Hackberry-Yates Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NAPM SECTION 19: SW/4
SECTION 30: NW/4 NW/4

(p) Extend the Inbe-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM SECTION 18: SE/4

(q) Extend the Lea-Devonian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM SECTION 13: NW/4

(r) Extend the West Lusk-Yates Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM SECTION 22: NE/4 NW/4

(s) Extend the East Millman-Seven Rivers Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM SECTION 29: SE/4 NW/4 and NE/4 SW/4

# DOCKET: REGULAR HEARING - WEDNESDAY - AUGUST 14, 1963

# OIL CONSERVATION COMMISSION - 9 A.M. - MORGAN HALL, STATE LAND OFFICE BUILDING,

ALLOWABLE:

- Consideration of the oil allowable for September, 1963; (1)
- (2) Consideration of the allowable production of gas for September, 1963, from ten prorated pools in Lea and Eddy Counties, New Mexico, also consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico, for September, 1963.

CASE 2881:

Application of Benson-Montin-Greer Drilling Corporation for 160-acre spacing, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks temporary 160-acre spacing for a period of three years for oil wells completed in the Gallup formation underlying Townships 25, 26 and 27 North, Ranges 1 East and 1 West, Rio Arriba County, New Mexico, and for authority to conduct interference tests and to transfer allowables during said temporary period.

CASE 2882:

Southeastern New Mexico nomenclature case calling for an order for the creation, contraction and extension of certain pools in Chaves, Eddy, and Lea Counties, New Mexico.

(a) Create a new pool in Eddy County, New Mexico, classified as an oil pool for San Andres production, designated as the Crow Flats-San Andres tool, and described as:

# TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM SECTION 22: SE/4

(b) Create a new pool in Lea County, New Mexico, classified as an oil pool for Fennsylvanian production, designated as the Flying "M"-Pennsylvanian Pool, and described as:

# TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM SECTION 15: NW/4

(c) Create a new pool in Lea County, New Mexico, classified as an oil pool for Devonian production, designated as the Jenkins-Devonian Fool, and described as:

# TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM SECTION 30: NE/4

(d) Create a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production, desig sted as the L. E. Ranch Can Andres Pool, and described as:

TOWNSHIP 10 SOUTH, RANGE 28 EAST, NORM

SECTION 21: SW/4 SECTION 28: NW/4 SECTION 29: NE/4

(e) Create a new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, designated as the Maljamer-Pennsylvanian Pool, and described as:

# TOWNSHIP 17 SOUTH, RANGE 33 BAST, NAPM SECTION 5: NW/4

(f) Create a new pool in Lea County, New Mexico, classified as an oil pool for Granite Wash production, designated as the Wantz-Granite Wash Pool, and described as:

# TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM SECTION 2: SE/4

(g) Create a new pool in Lea County, New Mexico, classified as an oil pool for Tates production, designated as the West Wilson-Yates Pool, and described as:

# TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM SECTION 2: SW/4

(h) Contract the Red Lake Pool in Eddy County, New Mexico, by the deletion of the following area:

# TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM SECTION 29: S/2 SE/4

(i) Extend the Artesia Pool in Eddy County, New Mexico, to include therein:

### TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM SECTION 25: SW/4 SW/4 SECTION 29: S/2 SE/4

(j) Extend the Atoka-Pennsylvanian Gas Pool in Eddy County, New Mexico to include therein:

# TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM SECTION 30: NE/4 and E/2 NW/4

(k) Extend the North Benson Queen-Grayburg Pool in Eddy County, New Mexico to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM SECTION 28: S/2 SW/4

SECTION 29: S/2

-3-Docket No. 23-63

(1) Extend the Bronco-Siluro Devonian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 13 SOUTH, RANGE 38 EAST, NAPH SECTION 2: E/2

(m) Extend the South Brunson-Ellenburger Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM SECTION 31: NW/4

(n) Extend the Chisum-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 11 SOUTH, RANGE 28 EAST, NMPM SECTION 7: E/2 W/2 SECTION 18: N/2 NW/4

(o) Extend the North Hackberry-Yates Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANCE 31 EAST, NMPM SECTION 19: 5W/4 SECTION 30: NW/4 NW/4

(p) Extend the Inbe-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM SECTION 18: SE/4

(q) Extend the Lea-Devonian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 34 EAST, MMPM SECTION 13: NW/4

(r) Extend the West Lusk-Yates Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM SECTION 22: NE/4 NW/4

(s) Extend the East Millman-Seven Rivers Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM SECTION 29: SE/4 NW/4 and NE/4 SW/4

-4-Docket No. 23-63

(t) Extend the Oil Center-Blinebry Pool in Lea County, New Mexico,

# TOWNSHIP 21 SOUTH, RANGE 36 EAST, NAPM SECTION 3: SW/4

(u) Extend the East Red Lake-Queen Pool in Eddy County, New Mexico,

# TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM

- (v) That the vertical limits of the East Red Lake-Queen Pool be extended to include the Grayburg formation and rename the East Red Lake-
- (w) Extend the Turkey Track Queen-Grayhars Fool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 29 BAST, NAPM SECTION 29: SE/4 SE/4 SECTION 33: NE/4 NW/4

(x) Extend the Vacuum-Abo Reef Pool in Lea County, New Mexico, to in-

# TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM

SECTION 8: SW/4

N/2 NW/4 SECTION 17: NW/4

(y) Extend the Vacuum-Devonian Pool in Lea County, New Mexico, to in-

# TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM SECTION 36: SW/4

(z) Extend the Vacuum-Glorieta Pool in Lea County, New Mexico, to include therein:

# TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM SECTION 25: SW/4

SECTION 25: SW/4

SECTION 36: NW/4

(aa) Extend the Vacuum-Pennsylvanian Pool in Lea County, New Mexico,

# TOWNSHIP 17 SOUTH, RANGE 34 EAST, NHPM SECTION 36: W/2

(bb) Extend the Vandegriff-Keyes Gas Pool in Eddy County, New Mexico,

Olso

Docket No. 23-63

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM SECTION 33: SW/4

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM SECTION 11: NW/4

(cc) Extend the Weir-Blinebry Pool in Lea Coulty, New Mexico, to include therein:

> TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM SECTION 10: SW/4

(dd) Extend the Indian Hills-Upper Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

> TOWNSHIP 21 SOUTH, RANGE 24 EAST, NMPM SECTION 20: SE/4, S/2 NE/4, SE/4 NW/4 and E/2 SW/4 SECTION 28: NW/4, W/2 NE/4, NW/4 SE/4 and N/2 SW/4 SECTION 29: NE/4, N/2 SE/4, NE/4 SW/4 and E/2 NH/4

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dag/

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

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

> CASE NO. 2882 ORDER NO. R-2552

THE APPLICATION OF THE OIL CONSERVATION CONDISSION UPON ITS OWN MOTION FOR AN ORDER CREATING, CONTRACTING, AND EXTENDING VERTICAL AND HORIZONTAL LIMITS OF CERTAIN POOLS IN CHAVES, EDDY, AND LEA COUNTIES, NEW MEXICO.

### ORDER OF THE COMMISSION

### BY THE COUNTSSION:

This cause came on for hearing at 9 o'clock on August 14, 1963, at Santa Fe, New Mexico, before the 0il Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 16th day of August, 1963, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, 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 subject matter thereof.
- (2) That there is need for the creation of a new mool in Eddy County, New Mexico, for the production of oil from the San Andres formation, said pool to bear the designation of Crow Flats-San Andres Pool. Said Crow Flats-San Andres Pool was discovered by Jack L. McClellan, Barbara Faderal No.1, located in Unit J of Section 22, Township 16 South, Range 28 East, NEPM. It was completed in San Andres on June 5, 1963. The top of the perforations is 2607 feet.
- (3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian (Bough C) formation, said pool to bear the designation of Flying "M"-Pennsylvanian tool. Said Flying "M"-Pennsylvanian tool was discovered by American Mannex Corporation, Flying M State No.1, located in Unit D of Section 15, Township 9 South, Range 33 East, WMFM. It was completed in Pennsylvanian (Bough C) on May 20, 1963. The top of perforations is 9421 feet.
- (4) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Devonian formation, said

-2-CASE NO. 2882 ORDER NO. R-2552

pool to bear the designation of Jankins-Devonian Pool. Said Jankins-Bevenian Pool was discovered by Amerada Petroleum Corporation, S. E. Anderson No.1, leasted in Unit B of Section 30, Township 9 South, Range 35 East, NEWH. It was completed a Devonian on May 6, 1963. The top of perforations is 12,634 feet.

- (5) That there is need for the creation of a new pool in Chaves County, New Mexico, for the production of oil from the Sen Andres formation, said pool to bear the designation of L. E. Ranch-San Andres Pool. Said L. E. Ranch-San Andres Pool was discovered by Avalanche Journal Publishing Company, L. E. Ranch 29 No.1, located in Unit A of Section 29, Township 10 South, Range 28 East, NARM. It was completed in San Andres on April 3, 1963. The top of perferations is 2089 feet.
- (6) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Seaman (Fennsylvanian) formation, said pool to bear the designation of Maljamar-Fennsylvanian Pool. Said Maljamar-Pennsylvanian Pool was discovered by Astec Oil & Gas Company, N. E. Maljamar Unit No.2, located in Unit F of Section 5, Township 17 South, Range 33 East, NAPM. It was completed in Seaman (Fennsylvanian) on June 12, 1963. The top of perforations is 11,630 feet.
- (7) That there is need for the creation of a new pool in Les County, New Mexico, for the production of oil from the Granite Wash formation, said pool to bear the designation of Wantz-Granite Wash Pool. Said Wantz-Granite Wash Pool was discovered by Humble Oil & Refining Company, New Mexico State S No.24, located in Unit J of Section 2, Township 22 South, Range 37 East, NMPM. It was completed in Granite Wash on May 18, 1963. The top of perforations is 7327 fact.
- (8) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Yates formation, said pool to bear the designation of Mest Wilson-Yates Pool. Said West Wilson-Yates Pool was discovered by C. M. Trainer, Wilson "G" No.1, located in Unit T of Section 2, Township 21 South, Range 34 Mast, NMPM. It was completed in Yates on June 10, 1963. The top of perforations is 3940 feet.
- (9) That there is need for the deletion of certain acreage in the Red Lake Pool in Eddy County, New Mexico, in order to transfer this acreage to the Artesia Pool so that all wells on the same basic lease may be in the same pool.
- (10) That there is need for the extension of the vertical limits of the Mast Red Lake-Queen Lool in Eddy County, New Mexico, to thereby include the Grayburg formation and to rename the Mast Red Lake-Queen Fool to Mast Red Lake Queen-Grayburg Fool.
- (11) That there is need for certain extensions to the Chisum-San Andres Fool in Chaves County, New Mexico, the Artesia Fool, the Atoka-Fennsylvanian Gas Fool, the North Benson Queen-Grayburg Fool, the North Hackberry-Yates Fool, the West Lusk-Yates Fool, the East Millman-Seven Rivers Fool, the East Red Lake-Queen Fool, the Turkey Track Fool, the Vandagriff-Keyes Gas Fool, and

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the Indian Hills-Upper Pannsylvanian Gas Fool, all in Eddy County, New Mexico, the Bronco-Siluro Devonian Fool, the South Brunson-Ellenburger Pool, the Inbe-Pennsylvanian Feel, the Lea-Devonian Fool, the Oil Center-Blinebry Feel, the Vacuum-Abe Reef Pool, the Vacuum-Devonian Fool, the Vacuum-Glorieta Feel, the Vacuum-Pennsylvanian Fool, and the Weir-Blinebry Fool, all in Lea County, New Mexico.

### IT IS THEREFORE ORDERED:

(a) That a new pool in Eddy County, New Mexico, classified as an oil pool for San Andres production, is hereby created and designated as the Crow Flats-San Andres Pool, consisting of the following described area:

### TOWNSHIP 16 SOUTH, RANGE 28 RAST, NAPH SECTION 22: SE/4

(b) That a new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, is hereby created and designated as the Flying "M"-Pennsylvanian Pool, consisting of the following described area:

### TUNNSHIE 9 SOUTH, RANGE 33 RAST, MIPH SECTION 15: NW/4

(c) That a new pool in Lea County, New Mexico, classified as an oil pool for Devonian production, is hereby created and designated as the Jenkins-Devonian Pool, consisting of the following described area:

### TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM SECTION 30: NE/4

(d) That a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production, is hereby created and designated as the L. E. Ranch-San Andres Pool, consisting of the following described area:

### TO INSHIP 10 SOUTH, RANGE 28 EAST, MICH

SECTION 21: SJ/4 SECTION 28: MM/4 SECTION 29: ME/4

(e) That a new pool in lea County, New Mexico, classified as an oil pool for Pennsylvanian production, is hereby created and designated as the Maljamar-Pennsylvanian Pool, consisting of the following described area:

# TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMEM SECTION 5: NW/4

(f) That a new pool in Lea County, New Mexico, classified as an oil pool for Granite Wash production, is hereby created and designated as the Wantz-Granite Wash Fool, consisting of the following described area:

TOWNSHIP 22 SOUTH, RANGE 37 LAST, NAME SECTION 2: SE/4

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(g) That a new pool in Lea County, New Mexico, classified as an oil pool for Yates production, is hereby created and designated as the West Wilson-Yates Pool, consisting of the following described area:

### TOWESHIP 21 SOUTH, RANGE 34 RAST, NAPH SECTION 2: SW/4

(h) That the Red Lake Peol in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following described area:

# TOWNSHIP 17 SOUTH, RANGE 28 EAST, IMPM SECTION 29: S/2 SE/4

(i) That the Artesia Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

### TOWNSHIP 17 SOUTH, RANGE 28 EAST, NHPM SECTION 23: 54/4 54/4 SECTION 29: 3/2 SE/4

(j) That the Atoka-Rennsylvanian Gas Rool in Eddy County, New Mexico, as heretefore classified, defined, and described, is hereby extended to include therein:

# TOWNSHIP 18 SOUTH, RANGE 26 MAST, NAGEM SECTION 30: NE/4 and M/2 NW/4

(k) That the North Benson Queen-Grayburg Fool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

### TOWNSHIP 18 SOUTH, RANGE 30 EAST, NAPM SECTION 28: S/2 SW/4 SECTION 29: S/2

(1) That the Bronco-Siluro Devonian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

# TOWNSHIP 13 SOUTH, RANGE 38 HAST, NMPM SECTION 2: E/2

(m) That the South Brunson-Ellenburger Fool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

# TOWNSHIP 22 SOUTH, RANGE 38 CAST, WANT SECTION 31: NW/4

(n) That the Chisum-Sen Andres Fool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

-5-CASK NO. 2882 ORDER NO. R-2552

### TOWNSHIP 11 SOUTH, RANGE 28 EAST, NOWN SECTION 7: E/2 W/2 SECTION 18: N/2 NV/4

(e) That the North Hackberry-Yates Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, MAPM SECTION 19: SW/4 SECTION 30: NW/4 NW/4

(p) That the Inbe-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

### TOWNSHIP 11 SOUTH, RANGE 34 EAST, MEN SECTION 18: S2/4

(q) That the Lea-Davonian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

# TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMFM SECTION 13: NW/4

(r) That the West Lusk-Yates Pool in Eddy County, New Maxico, as heretofore classified, defined, and described, is hereby extended to include therein

### TOWNSHIP 19 SOUTH, RANGE 31 EAST, NAPH SECTION 22: NE/4 NW/4

(s) That the East Millman-Seven Rivers Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

# TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMEM SECTION 29: SE/4 NW/4 and NE/4 SW/4

(t) That the Oil Center-Blinebry Fool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

# TOWNSHIE 21 SOUTH, RANGE 36 EAST, MARK SECTION 3: SW/4

(u) That the East Red Lake-Queen Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, MAPH SECTION 1: NW/4 SW/4 -6-CASE NO. 2882 ORDER NO. R-2552

- (v) Extend the vertical limits of the East Red Lake-Queen Pool in Eddy County, New Maxico, to include the Grayburg formation and rename the East Red Lake-Queen Pool to East Red Lake Queen-Grayburg Pool.
- (w) That the Turkey Track Queen-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, MMPM SECTION 29: SZ/4 SE/4 SECTION 33: NE/4 NW/4

(x) That the Vacuum-Abo Reaf Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NAMEN SECTION 12: N/2 NW/4

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NORM SECTION 8: SW/4
SECTION 17: NW/4

(y) That the Vacuum-Devonian Fool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NORTH SECTION 36: SW/4

(z) That the Vacuum-Glorieta Fool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NAPM SECTION 25: SW/4 SECTION 26: SE/4

SECTION 35: NE/4 SECTION 36: NW/4

(aa) That the Vacuum-Fennsylvanian Fool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TO JUSTIE 17 SOUTH, RANGE 34 LAST, MEM SECTION 25: 4/2 SECTION 36: 4/2

(bb) That the Vandagriff-Keyes Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

-7-CASE NO. 2882 ORDER NO. R-2552

> TOWNSHIP 16 SOUTH, RANGE 28 EAST, NORM SECTION 33: SW/4

> TOWNSELP 17 SOUTH, RANGE 28 SAST, MOPH SECTION 11: NW/4

(cc) That the Weir-Blinebry Peel in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein

> TOWNSHIP 20 SOUTH, RANGE 37 EAST, NAPH SECTION 10: SW/4

(dd) That the Indian Hills-Upper Pennsylvanian Gas Pool in Eddy County, New Haxiso, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 24 RAST, MIPH
SECTION 20: SE/4, S/2 NE/4, SE/4 NW/4 and E/2 SW/4
SECTION 28: NW/4, W/2 NE/4, NW/4 SE/4 and N/2 SW/4
SECTION 29: NE/4, N/2 SE/4, NE/4 SW/4 and E/2 NW/4

### IT IS FURTHER ORDERED:

That the effective date of this order and all creations, contractions, change of vortical limits, change of pool names, and extensions included herein shall be September 1, 1963.

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

STATE OF NEW MEXICO

QIL CONSERVETION COMMISSION

CK M. CAMERELL, Chairman

S. S. WALKER, Member

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

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### BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

### HEARING REGULAR

### IN THE MATTER OF:

Southeastern New Mexico nomenclature case calling for an order for the creation, contraction and extension of certain pools in Chaves, Eddy, and Lea Counties, New Mexico.

Case No. 2882

Honorable Jack M. Campbell, Governor BEFORE: E. S. (Johnnie) Walker, Land Commissioner A. L. (Pete) Porter, Secretary-Director

TRANSCRIPT OF HEARING

August 14, 1963.

DEARNIEY-MEIER REPORTING SERVICE, Inc.

SANTA PL. N. M. PHONE 963-3671

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We will take up Case 2882. MR. PORTER:

MR. VERITY: I have one question. We are very serious about the offer to take the Commission and the Staff to view this area tomorrow morning. If you care to do so, Mr. Greer has his plane available and early in the morning we could take them from 8:00 to 9:00 o'clock.

GOVERNOR CAMPBELL: I'll have to decline. I will be on maneuvers with the National Guard at Fort Bliss.

MR. DURRETT: Southeastern New Mexico nomenclature case calling for an order for the creation, contraction and extension of certain pools in Chaves, Eddy, and Lea Counties, New Mexico.

(Witness sworn.)

### DAN NUTTER

called as a witness, having been first duly sworn, testified as follows:

### DIRECT EXAMINATION

### BY MR.

- Please state your name and position for the record. Q
- Dan Mutter, Chief Engineer for the Oil Conservation Ď. Commission.
- Mr. Mutter, are you prepared to make recommendations to the Commission today that it issue an order concerning the creation



# REPORTING SERVICE, DEARNLEY-MEIER

contraction and extension of certain pools in Chaves, Eddy, and Lea Counties, New Mexico?

- A Yes, I am.
- Q Are your recommendations prepared in the form of an exhibit?
  - A Yes.

(Whereupon, Commission's Exhibit No. 1 was marked for identification.)

- How is that marked?
- Exhibit 1, Case 2882.
- Is this exhibit similar to the docket in this case Q that has been prepared and distributed?
  - In a number of instances it is similar. A
- Would you refer to your exhibit and the docket and Q state the changes that will appear thereon?

The exhibit is identical to the docket in all para-A graphs save paragraphs (x) and (z). The addition to the extension of the Vacuum-Abo Reef Pool in Lea County, New Mexico as advertised on the docket being the Southwest Quarter of Section 8 and the Northwest Quarter of Section 17 in Township 28 South, Range 35 East. I would also recommend that the North Half of the Northwest Quarter of Section 12, Township 18 South, Range 34 East be included.

# FARMINGTON, N. M. PHONE 325-1162 DEARNLEY-MEIER REPORTING SERVICE, Inc.

SANTA PE, N. M.

In paragraph (z) the docket proposes to extend the Vacuum-Glorieta Pool by the addition of the Southwest Quarter of Section 25 and the Northwest Quarter of Section 36. Township 17 South, Range 34 East. I would recommend that in addition to those extensions that the Southeast Quarter of Section 26 and the Northeast Quarter of Section 35 be added to the pool. The recommended extensions are in all other ways just as shown on the docket.

Thank you. Mr. Nutter. Do you have anything else that you would like to add to your testimony?

The exhibit also shows the name, location, the perforation depth and date of discovery for all the proposed locations.

Was Exhibit No. 1 prepared by you or under your direct supervision?

Yes.

MR. DURRETT: I move the introduction of Exhibit 1 at this time, and that concludes my examination of Mr. Mutter.

IR. PORTER: Anyone have any questions of Mr. Mutter? He may be excused.

(Witness excused.)

MR. PORTER: Does anyone have anything further to offer in this case? Exhibit I will be admitted to the record,



INC. FARHINGTON, N. M. PHONE 325-1162 DEARNLEY-MEIER REPORTING SERVICE, BANTA FE. N. M. PHONE 983-3971

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and the Commission will take the case under advisement.

(Whereupon, Commission's Exhibit No. 1 was offered and admitted in evidence.)

MR. PORTER: The hearing is adjourned.

STATE OF NEW MEXICO COUNTY OF BERNALILLO )

I, ADA DEARNLEY, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, is a true and correct record to the best of my knowledge, skill and

IN WITNESS WHEREOF I have affixed my hand and notarial seal ability. this 11th day of September, 1963.

My commission expires: June 19, 1967.

> I do hereby certify that the foregoing is 8 combines tenong of the history ings in the Examiner beening of Case No. ...... 19...... heard by me on .

New Mexico Oil Conservation Commission

ALBUQUERQUE, N. M. PHONE 243.6691

CASE 2882: (a) CREATION OF A NEW OIL POOL

EDDY Pool CROW FLATS- SAN ANDRES County Tounship Range 28 **NMPM** -1 - 2-5 -- 4 -- 3-- 7 -- 8 -10 --12 -9 -- 11 -- 18 --17 -16 - 15 -14 --13-- 20 -19-21-23-24--30 -29 - 27 -26-25-- 28 -- 31-- 32 - 33 --- 34 -- 35 - 36 -Purpose: One completed oil well capable of producing. Discovery Well: Jack L.McClellan - Barbara Ped. #1 in Unit J of section 22-16-28. Completed June 5, 1963. Top of perforations 2607. Proposed pool boundary colored in green: Section 22: 5E/4

CASE 2882: (b) CREATION OF A NEW OIL FOOL

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CASE 2882: (c) CREATION OF A NEW GIL POOL

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CASE 2882: (d) CREATION OF A NEW CIL POOL POOL L.E. RANCH-SAN ANDRES CHAVES MMPM county Range 28E Tounship 108 - 3 4 6 12 - 11. 10 9 8 14 15 - 16 17 18 24 23 22 - 20 19 25 26 . 27 28 -30 - 36 - 35 -34-- 33 · 32 - 31-Purpose: Two completed oil wells capable of producing. DISCOVERY WELL: Avalanche Journal Publishing Co.-L.E.Ranch 29, No. 1 in Unit A of section 29-10-28. Completed in San andres, April 3, 1963. Top of perforations 2089. Avalanche Journal Publishing Co. - L.E.Ranch 21, No. 1 in Unit W of section 21-10-28. Completed in San Andres, April 35, 1963. Top of perforations 2302. 2089 Proposed pool boundary colored in green. Sec. 21: SW/4

CASE 2882: (e) CREATION OF A NEW OIL POOL

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CARE 2882: (f) CREATION OF A MEN OIL POOL
COUNTY LEA POOL HANTZ-GRANITE WASH
TOWNSHIP

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MEMBLE OIL & REFINING COMPANY - Now Mexico State S No. 24 in Unit J of Section 2-22-37. Completed in Granita Wash on May 18, 1963. Top of
73271 Tone 73271
Proposed pool boundary colored in red. SECTION 2: SE/4
SE/4

CASE 2862: (g) CREATION OF A NEW CIL POOL

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CASE 2002: (h) DELETION OF AN EXISTING OIL POOL

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he same ba	sic lease	may be	in the same	pool.	
	ry colored				

CASE 2882: (1) EXTENSION OF AN EXISTING OIL FOOL

Pool ARTESIA County EDDY NMPM Range 282 Tourship 178 8 -. 9 -10 - 11 --12 - 18 --17 -16 -- 15 -14 -13-22 -19 20 21-23 24 -- 25 --30 29 - 28 -- 33 – - 34 – - 35 - 31-

Furpose: Two completed oil wells capable of producing.
International-Yates, State 647, No. 194 in Unit M of section
25-17-28. Completed in Queen-Grayburg, June 17, 1963.
Top of perforations 1781'.

International-Yates, State 647, No. 196 in Unit P of section 29-17-28. Completed in Grayburg, June 28, 1963.

Top of perforations 1894'. This well is being transfersed into the Artesia Pool from the Red Lake Pool.

Pool boundary colored in red.			
Proposed extensions colored in green.	Section	25.	SH/4 2H/4
	Section	29:	S/2 SE/4
			<del> </del>

CASE 2882: (j) EXTENSION OF AN EXISTING GAS POOL

County	RDDY	Pool	MTUKA-PENDET	TANKINE	GN8
Tounship	188	Range	268	NMPM	
			3 -	2-	
6	5	4			
		1	<del>                                      </del>		
	8	1 - 9 -	10	11-	12
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		1			
18	17	16 -	15	14-	13
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-+-19-+	30	21-	22	23	24
		1-1-			
			1 27	25	25
30	29	28 -	27	26	25
31-	32	33-	34	35 -	36
111		1 1 1	1111		
rpose: 0	ne comple	ted gas	well capable	of produ	cing.

Section 30-18-26. Completed in Pennsylvanian June 3, 1963. Top of perforations 8912'. Acreage dedication, 240 acres.

Pool boundary colore	ed in red	•			
Proposed extensions	colored :	in green.	Section	30:	NB/4 &
					B/2 NW/4
	<del></del>				

CASE 2882: (k) EXTENSION OF AN EXISTING OIL POOL

Pool NORTH BENSON-QUESN-GRAYBURG County Tounship 188 Range 308 **NMPM** 8 10 --11-12 - 18 - 16 17 -15-14 -13-20 --19 21-- 22 -- 23-24-26--30 - 27 -- 31-32 -333 36 -Purpose: Two completed oil wells capable of producing. Floyd W. Smith, Inc. - U.S.A. Light, No. 1 in Unit K of section 29-18-30. Completed in Queen-Grayburg, June 24, 1963. Top of perforations 2987'. Tenneco Oil Co. - USA Elliott, No. 1 in Unit O of section 29-18-30. Completed in Queen, April 20, 1963. Top of perforations 2983'. Pool boundary colored in red. Proposed extensions colored in green. Section 28: 5/2 SW/4 Section 29: 8/2

CASE 2882: (1) EXTENSION OF AN EXISTING OIL POOL
COUNTY LEA POOL SECUCO-SILURO DEVENIAN

COUNTY	LZA	POOL BRONCO-	ILUND DEVON	LAN	
TOWNSHIP	18 South	RANGE 38 Ess	t NM	i <b>PM</b>	
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1-1-1					
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			1 1		36
31	32 +	33	34	35	36
		d oil well cape			
FARLAND	CORPORATION	- Harris No. 1-	2 in unit B	of Section 2-	-18-88. C
leted in	Devonian on	June 22, 1965.	Top of Peri	forations 11,	3661.
	ary colored				
		n colored in gr	ercti	ON 2 . E/2	
roposeu j	OUL CALCIDATO		0001	<i>y</i> ,	
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CASE 2882: (m) EXTENSION OF AN EXISTING OIL POOL
COUNTY LEA POOL SCUTH BREMSON-ELLENSURGER

COUNTY	LEA	POOL SOUTH BOUNDARY
		NMPM
TOWNSHIP	22	RANGE .
<b>!</b>	1	1 3 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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		<del>                                     </del>
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	╁╾╂	-++++++++++++++++++++++++++++++++++++
1 - 7.		8 + 1 + 9 + 10 + 11 + 1 + 1
	7 1	
1-+-	11	
1	+-1	
		14 + 13 + 14
		17 + 16 + 15 + 14
18	• —	
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		34 35 36
		32 + + 33 + + 34
	7-	
		a - marcine
		One completed oil well capable of producing.  One completed oil well capable of producing.
PURP	085:	One completed oil well capable of promicing.  ONC A. H. Blinebry NCT-S No. 8 in Unit E of Section 31-22-38.  ONC A. H. Blinebry NCT-S No. 8 in Unit E of Section 81-22-38.
THE PARTY A	co, 1	MC A. R. day
	نمون ۱	in Ellenberger ou te
Arman Arman	1 hours	ndary colored in red.  pool extension colored in green. SECTION 81: NW/4
F-1924		and extension colored in green.
PTO	poseu	

CASE 2882: (n) EXTENSION OF AN EXISTING OIL POOL

County	CHAVES	P001	CHISTM-SAY	Verser?	
Tounship	lls	Range	28g	NMPM	
6	5	4	3-	2	1
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19	20	21-	22	23	24-
			22	23	24
30 +-	29	28 -	27	26	25 -
	1	1	<del>                                     </del>		
		1	<del>                                     </del>		
		1	<del>                                     </del>		
31	32	33 -	34	35	36 -
<del></del>	$\mathbf{I}$	++-+-	╀╌┼╌┼╌┤		-+

Purpose: One completed oil well capable of producing.

Avalanche Journal Publishing Co. - L.E.Ranch 7, No. 1 in Unit
C of section 7-11-28. Completed in San Andres, January 27, 1963.

Top of perforations 2003'.

Pool boundary colored in red.					
Proposed extensions col	lored in gre	en. Section	on 7: E/2 W/2		
	Additions	Section 1	B: 12 HW/4		
		<del></del>			

CASE 2882: (o) EXTENSION OF AN EXISTING OIL POOL

Pool Worth Hackberry-Yates Rédy County Tounship 196 Range 318 **NMPM** 6 -5 - 4 9 -10 -- 8 --11--12-17 -18 - 16 -15 14 -13-22-24 -30 29 - 28 -- 27 -- 26 --25 -32 -- 33 --- 34 -35 36 -31-

Purpose: One completed oil well capable of producing.

HWJ Producing Co. - Tidewater FE, No. 3 in Unit L of section 19-19-31. Completed in Yates, Nay 5, 1963.

Top of perforations 2006'.

Proposed extensions colored in green: Section 19: SW/4

Section 30: NW/4 NW/4

CASE 2882: (p) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL INSE-PROMEYLVANIAN

TOWNSHIP 11	South	RANGE	34 1	last		NMPM	[			
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31	32	3	3 —	+-	- 34-	-	35	-	36 -	+-
	1			+			+++	+		+

PURPOSE: One completed oil well capable of producing.

L. R. F	reich,	JR	Calf s	tate No	. 3 in U	nit J of	Section	18-11-84.	Com
ploted :	in Per	meylve	nian (B	ough C)	on Nay	10, 1965.	Τύμ σέ	Perferat:	Lone
96621.									
Pool be	uniery	color	ed in r	ed.					
Propose	d pool	exten	sion co	lored i	n green.	SECTION	18: 3!	/4	
					<del></del>				

CASE 2882: (q) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL LEA-DEVONIAN TOWNSHIP 20 South RANGE NMPM 6 4 8 10 --16 -- 18 17 -15 14 - 20 --19 21-22 - 23~ 24-29 - 28 -27-- 26 -25--30 · - 31-32 ~ - 33 -34-- 35 - 36 -PERFORE: One completed oil well capable of producing. MARATHON GIL COMPANY - Lea Unit No. 10 in Unit F of Section 13-20-34. Completed in Devonies on June 4, 1948. Top of Perforations 14,508. Pool boundary colored in red. Proposed pool extension colored in green. SECTION 13: NW/4

CASE 2882: (r) EXTENSION OF AN EXISTING OIL FOOL

5	Range 4	312	NMPM 2	
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5	4	3	2.	
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+ 32 + +	33	34	35	36
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oil corp.	- Barton	A Federal	. No. 1 in	Unit C
	oil Corp.	-17 16	-17 16 15 22	-1716 - 15 - 142021222329282726

CASE 2882: (e) EXTENSION OF AN EXISTING OIL POOL  Tourship 198  Pool East Milliam  Pool E	
COUNTY EXTENSION OF AN	
Tounship 198 Pool Engrave Oil Pool	
Range 202 RIVERS	
Range 200	
5 NMPM	
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27	
31 26 + 25	
Purpose 33	
John A. She complete 34	
Completed Betty oil Well	
10461. In Seven River No. 1	
Purpose: One completed oil well capable of producing:  Completed in Seven Rivers, June 7, 1963. Top of perform	
1963. Top 26-100 29-10	
pers. 19-28.	

63. Top of perforations

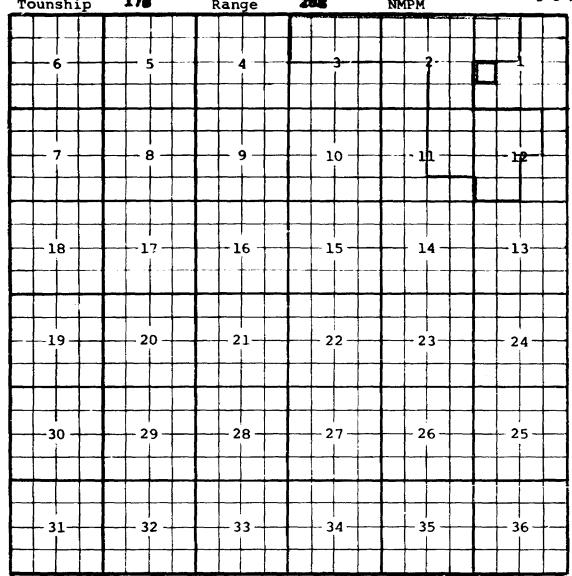
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		acctou 5	90
			SE/4 M
			NE/4 8W/4.
			8W/4

CASE 2882: (t) EXTENSION OF AN EXISTING OIL POOL

COUNTY	LEA		I	POOL	10	L CI	OTI	A-BLI	KERRY		<del></del> .			
TOWNSHIP	21	South		FUNCE	*	Lac	rt_		NMP	[				
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PURPOSE:												-93_9	γ. C	
min 227 5		<u> </u>												
SUN OIL C		er Blin	ebry	OE J		7 .								
SUN OIL ( pleted in Pool bear	a Uppe								7	,				
pleted in	a Uppe odary	colore	d in	red.				-						
pleted in Pool bear	a Uppe odary	colore	d in	red.				-						
pleted in Pool bear	a Uppe odary	colore	d in	red.				-						
pleted in Pool bear	a Uppe odary	colore	d in	red.				-						
pleted in Pool bear	a Uppe odary	colore	d in	red.				-						
pleted in Pool bear	a Uppe odary	colore	d in	red.				-						
pleted in Pool been	a Uppe odary	colore	d in	red.				-						

SASE 2882: (w) EXTENSION OF AN EXISTIMAST RED LAKE - QUEEN, changing to EAST RED LAKE - QUEEN - GRAYBURG Pool County





PURPOSE: One completed oil well and two completed gas wells capable of producing. And, to include the Grayburg formations in the vertical limits of the East Red Lake - Queen Pool. R.Q.Silverthorne - Leonard No. 2 in Unit L of Section 1-17-28. Completed in Queen, June 10, 1963. Top of perforations 1632'. Kersey & Donahue - Federal No. 2 in Unit G of Section 3-17-25. Completed in Queen - Grayburg March 30, 1963. Top of perforations 1442'. A gas well.

Pool bow	ndary color	red in re	d.					
Proposed	extension	colored	in	green.	Section	1,	NW/4	SW/4.
	. <u></u>							

CASE 2882: (w) AND (v) EXTENSION OF VERTICAL AND HORIZONTAL LIMITS OF AN EXISTING OIL FOOL (Continued) RAST RED LAKE - QUEEK changing to

POOL EAST RED LAKE - QUEEN - GRAYBURG County EDDY Tounship Range 28 NMPM 16 6 4 8 10 -- 11 - 12 -17 -- 16 -- 15 -14 --18 -13-- 20 --19 21-22-23-24 - 28 -27 - 26 -25 --30 29 - 31-32 -- 33 -- 34 -35 -Purposes As stated on page 1 of this exhibit. Kincaid & Watson Drlg. Co. - Southern Union Fed. No. 3 in Unit 0 of section 34-16-30. Completed in Grayburg, August 3, 1961. Top of perforations 1742'. A gas well.

Pool boundary colored in red.

CASE 2002: (w) EXTENSION OF AN EXISTING OIL POOL

County	BOY	Pool	TURKEY ?	TRACK	
Tounship	188	Range	298	NMPM	
6	5	4	3	2	
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			1 +		
18	17	16	15	14	13
					13
					<del>                                      </del>
19	20	21	22	23	24
			111		+ 1 + + + 1
30	20	30			<b>+</b>
30	29	28	27	26	25
31-	32	33	34	35	+ + 36
			1 + +	<del>- - - - -</del>	
Purpose: Tw	o complete	oii =	lle caps	ble of pro	ducing.
					l in Unit F of
Section 29-					
Top of perf			enante-reconserva espera e		-
					ection 33-18-29.
combined 1	u (Juest, J	rra va'	TAON. I	ob or berr	orations 1995'.
		V-10		and companies from the second companies of the second	
Pool bounda	ry colored	in red.			
	<del></del>			Section 2	9: SE/4 SE/4
				Section 3	3: NE/4 NW/4

CASE 2882: (x) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY	LEA	POOL WA	CHM-ADD REST		
TOWNSHIP	15 South	RANGE	85 East	NMPM	
	5				
7		9-	10	-11	12
18		16	75	14	13
18		16	15	14	13
- 19 -	20	21-	22-	23-	24
				23	24
30	29	28	27-	26	25
		1			
31-	32	33-	34-	35	36-
		1 -			
URPOSE:	Ome complete	d oil will	capable of	producing.	

LANGUAGE: One combraces off mer: cabiners of blookering.

SINCIAIR OIL & GAS COMPANY - State Lea 403 No. 4 in Unit D of Section

17-18-85. Completed in Eure Springs on May 6, 1968. Top of Perforations
8807'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 8: SW/4

SECTION 17: NW/4

CASE 2882: (x) EXTENSION OF AN EXISTING OIL FOOL (Continued)

COUNTY	LEA	POOL	YACUMI-ABO REE	
TOWNSHIP	18 South	RANGE	34 Best	NMPM
	5		3-	2.
6+	3		3-	
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		1-1-1		
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		1 + +		
31-	32 +	3.	34	35 36

FERFUGE: As stated on preceding page, payagraph (x), Exhibit I.

	Completed in Abo Reef on June 28, 1968. Top of Perforations 8694', Pool boundary colored in red.									
	LOOT DOME	uary (	COTOLOG	in red.						
DITION	-Proposed	pool	extensio	a color	ed in gr	ven.	SECTION	12:	N/2 N	1/4
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				<del></del>						

COUNTY LEA

POOL VACUUM-DEVONIAN

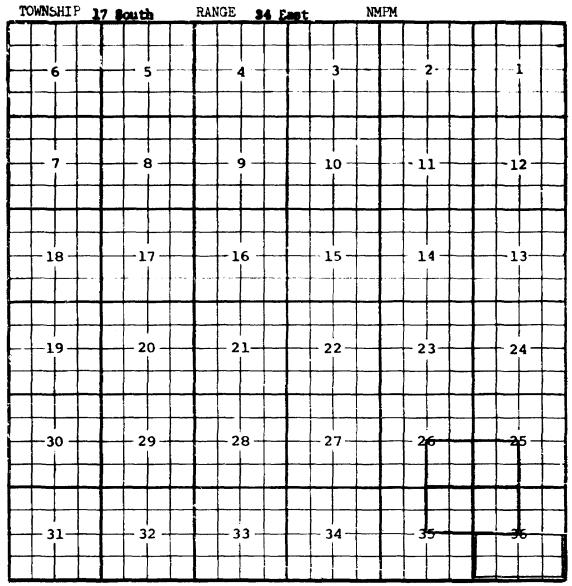
TOWNSHIP 17	South R	ANGE	34 East		NMPM			
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19	20	<del>     </del> 21		- 22	2	,	+ 24	
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30	29	28	3	- 27	2	6	2!	5 —
		++					+	
31	32	3	,	- 34	3	5		5

PURPOSE: One completed oil well capable of producing.

TEXACO, IN	C State	of New Mexico	""" NCT-1 No.17	in Unit N of Section
86-17-34.	Completed	in Devonian o	n June 1, 1963.	Top of Perforations
11,9801.				

			<del>-, -/</del>	reh or s	erforations
11,980'.					
Pool boundary c	olored in red.	·			
Proposed pool e	xtension color	ed in green.	SECTION	36: 8W/	4
			<del></del>		

POOL VACEUM-GLORIETA



PURPOSE: Five completed oil wells capable of producing.

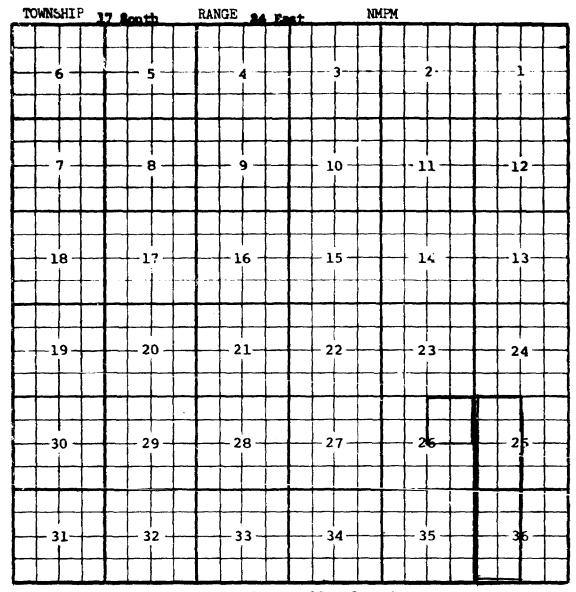
MARATMON OIL CO. - State McCallister No. 6 in Unit L of Section 25-17-34. Completed in Glorieta on June 5, 1963. Top of Perforations 5966'. MARATHON OIL CO. - State McCallister No. 8 in Unit N of Section 25-17-84. Completed in Glorieta on June 20, 1963. Top of Perforations 59681. MARATHON OIL CO. - State McCallister No. 9 in Unit K of Section 25-17-34. Completed in Glorieta on July 9, 1963. Top of Perforations 6003'. CESTY OIL CO. (TIDEWATER) - State "F" No. 5 in Unit D of Section 36-17-34. Completed in Glorieta on June 6, 1963. Top of Perforations 5951'. GETTY OIL CO. (TIDEMATER) - State "T" No. 7 in Unit C of Section 36-17-34. Completed in Glorieta on June 26, 1963. Top of Perforations 59961. ADDITION----- SOCONY MOBIL OIL CO. - State Bridges No. 97 in Unit P of Section 26-17-34.

Completed in Glorieta on June 16, 1968. Top of Perforations 59741.

ADDITION-----CONTINENTAL OIL CO. - State H-35 No. 8 in Unit A of Section 35-17-84. Completed in Clorieta on July 28, 1963. Top of Perforations 5964'.

~ VACUUM-GLORIETA (Continued)

POOL VACUUM-PENNSYLVANIAM



PURPOSE: Two completed oil wells capable of producing. TEXACO, INC. - State of New Mexico "O" M:T-1 No. 11 in Unit F of Section 36-17-34. Completed in Pennsylvanian on April 1, 1963. Top of Perforations 10,831'. TEXACO, INC. - State of New Hexico "O" NCT-1 No. 17 in Unit N of Section 36-17-34. Completed in Pennsylvanian on June 15, 1963. Top of Perforations 10,117'. Pool boundary colored in red. Proposed pool extensions colored in green. SECTION 25: W/2 SECTION 36: W/2

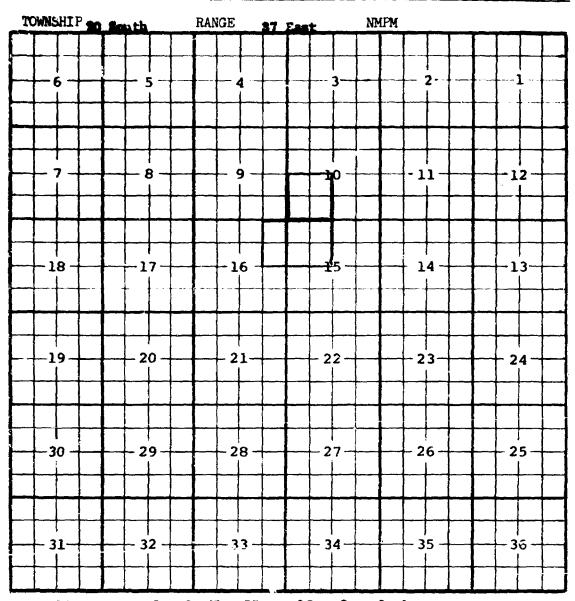
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CASE 2882: (bb) EXTENSION OF AN EXISTING GAS POOL (Continued)

POOL VANDAGRIFY-KEYES GAS EDDY County Tounship 178 **NMPM** Range 6 5 4 8 9 10 -12 14 -17 --16 - 15 -13--18 -19 20 -- 21-- 22 -23-24 - 26 --30 29-- 28 -- 27 -25 -- 32 -- 33 -35 36 - 31-- 34 --Purpose: As stated on page one of this exhibit. Kersey & Company - ASU No. 2 in Unit D of section 11-17-28. Completed in Queen, April 2, 1963. Top of perforations 1584'. Fool boundary colored in red. Proposed extension colored in green. Section 11: NW/4

COUNTY LEA

POOL MEIR-BLINERRY



PURPOSE: One completed oil well capable of producing.

CONTINUATAL SIL COMPANY - Britt B No. 18 in Unit N of Section 10-20-37.

Completed in Blinebry on May 7, 1963. Top of Perforations 5724.

Fool boundary colored in red.

Proposed pool extension colored in green. SECTION 10: SW/4

Pool Indian Hills - Upper Penerylvanian Gas County Erry 218 Tounship Range **NMPM** -6-• 5 -- 4 -- 7 -10 -- 11 -- 8 -- 9 -12 -14 -- 18 --17 --16 -- 15 --13--19 - 20 -- 21-22 23-24--30 - 29 28 -- 27 -- 26 -25-- 35 --- 33 -- 34 -- 31-- 32 -- 36 -PURPOSE: TO extend the pool limits so that the discovery well will be more centrally located. Pool boundary colored in red. Proposed extensions colored in green. Section 20:8E/4,S/2 NE/4, SE/4 NW/4 & E/2 SW/4 Section 28:NW/4, W/2 NE/4, NW/4 SE/4 & N/2 SW/4 Section 29:NR/4,N/2 8E/4, MR/4 SW/4 & B/2 NW/4