

amended NSL - 887

312 HBF BUILDING MIDLAND, TEXAS 79701 (915) 682-4341

October 17, 1977

New Mexico Oil Conservation Commission P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Joe D. Ramey

0/ COMM. 1325

Re: Authorization of Unorthodox Location Cooper Jal Unit, Well No. 151 Langlie Mattix Field Lea County, New Mexico

#### Gentlemen:

Reference your approval letter of September 8, 1977 (copy attached), Reserve Oil, Inc. requests that the red underlined well distances from the Section line be amended from 700 feet FNL & 100 feet FEL to 771' FNL & 170' FEL. This will not materially affect our original request (Attachment "B") and justification for an unorthodox location but will correct a discrepancy between the Form "C-101" and "C-102" in our original request.

When initially filling out the Form "C-101", the distances from the well to the section line were measured on a map. Later, the accurate distances were provided by a surveyor, Mr. John W. West, and were so recorded on the Form "C-102". When assembling the attachments for our original request, I failed to go back and re-enter the accurate distances on the Form "C-101" that was submitted with the original unorthodox location request.

I regret the inconvenience this may cause and should there be any questions, please call me collect at 915-682-4341.

Very truly yours,

RESERVE OIL. INC.

Clarence R. Chandler

ck

Attachment

nsL-887

# OIL CONSERVATION COMMISSION Hobbs DISTRICT

OTI CONCEDUATION COMPLECTON	<sub>DATE</sub> August 22, 1977
OIL CONSERVATION COMMISSION BOX 2088	DATE August 22, 1577
SANTA FE, NEW MEXICO	RE: Proposed MC
	Proposed DHC
	Proposed NSL X
	Proposed SWD
	Proposed WFX
	Proposed PMX
	•
Gentlemen:	
I have examined the application date	d
for the Reserve Oil, Inc. Cooper Jal (	Init #151-A 24-24-36
Operator Lease	and Well No. Unit, S-T-R
	•
and my recommendations are as follows:	
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	Yours very truly,
	Server Section
7110 PT 10-5	
AUG 25 1977 (A)	
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CIL CONSERVATION COMM.
Cantal Fa



DIRECTOR
JOE D. RAMEY

## **OIL CONSERVATION COMMISSION**

STATE OF NEW MEXICO P. O. BOX 2088 - SANTA FE

87501

LAND COMMISSIONER
PHIL R. LUCERO

September 8, 1977

STATE GEOLOGIST EMERY C. ARNOLD

RECEIVED

SEP 1 2 1977

MIDLAND DISTRICT

Reserve Oil, Inc. 312 HBF Building Midland, Texas 79701

Attention: Clarence R. Chandler

Administrative Order NSL-887

Gentlemen:

Reference is made to your application for approval of a non-standard location for your Cooper Jal Unit Well No. 151 to be located 700 feet from the North line and 100 feet from the East line of Section 24, Township 24 South, Range 36 East, NMPM, Langlie-Mattix Field, Lea County, New Mexico.

Inasmuch as this unorthodox location is well within the Cooper Jal Unit Area and cannot impair any other operator's rights, the above-described location is hereby approved.

Very truly yours,

JOE D. RAMEY

Secretary-Director

JDR/RLS/dr

cc: Oil Conservation Commission - Hobbs

Oil & Gas Engineering Committee - Hobbs

August 15, 1977

New Mexico Oil Conservation Commission P. O. Box 2088
Santa Fe. New Mexico 87501

Attention: Mr. Joe Ramey

Re: Application to Drill Unorthodox Location Cooper Jal Unit, Well No. 151 Langlie Mattix Field Lea County, New Mexico

#### Gentlemen:

Reserve Oil, Inc. requests administrative approval of its application to drill Cooper Jal Unit, Well No. 151, in an unorthodox location in the Cooper Jal Unit, Langlie-Mattix Field, Lea County, New Mexico. Reference Attachment "C", the proposed producer (Well No. 151) is located in a 160-acre tract that already has four (4) Langlie Mattix wells (2 producers - 2 injectors). Well No. 151's location is considered to be in an optimum position to recover otherwise unrecoverable reserves in an injection pattern bounded by Well Nos. 122, 116, 134, 147 and 127. According to Rule 104, Paragraph C, Section I, "only tracts committed to active secondary recovery projects shall be permitted more than four wells."

Attached for your review are Forms C-101 and C-102, Attachment "B", a plat showing the entire Unit, and Attachment "A", a history of the Unit's performance to date.

Should there be any questions, please call us collect at 915-682-4341.

Very truly yours,

RESERVE OIL. INC.

Clarence R. Chandler

ck
Enclosures
cc: NMOCC-Hobbs



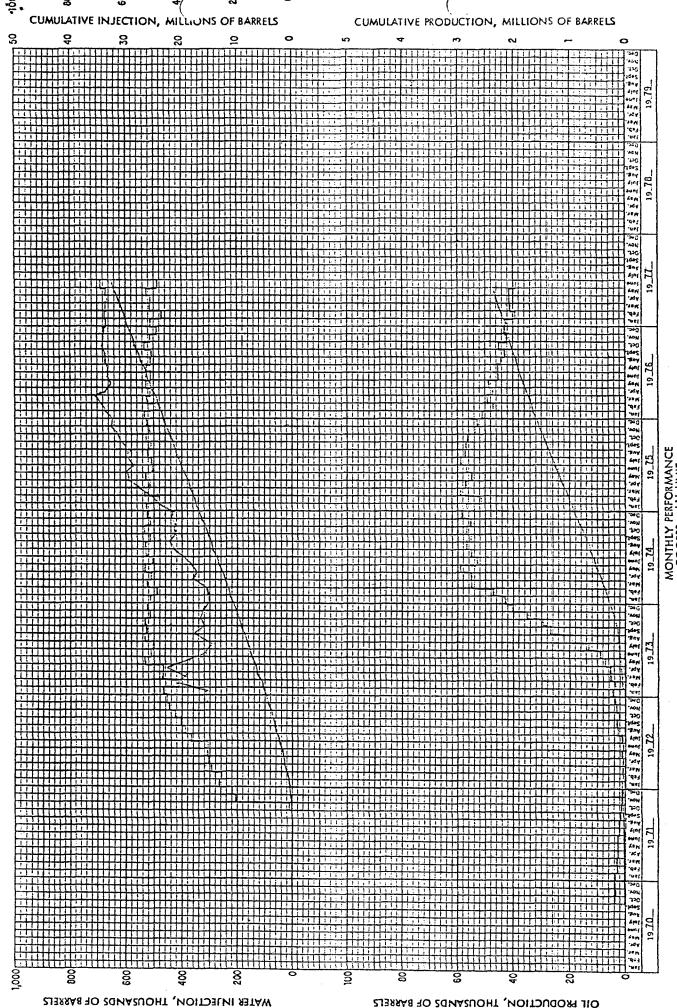
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DISTRIBUTION	NEW	MEXICO OIL CONSER	EVATION COMMISSION		C-101 sed 1-1-65
SANTA FE	<del>  </del>	•		<b></b>	Indicate Type of Lease
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OPERATOR	<del></del>			1	mmmmm
ARRIGATION	N FOR REPUIT TO	DOLL DEEDEN (	OD DI LIC BACK		
Ia. Type of Work	N FOR PERMIT TO	DRILL, DEEPEN, O	JR FLUG BACK	7.1	nit Agreement Name
				1	Cooper Jal Unit
b. Type of Weil DRILL		DEEPEN	PLUG B	ALK I I I	arm or Lease Name
OIL TO GAS			SINGLE X MULT		Cooper Jal Unit
2. Name of Operator	OTHER		ZONE LT		ell No.
<u> </u>	rve Oil, Inc.		•	3. "	151
3. Address of Operator	,	·			Field and Pool, or Wildcat
<u>-</u>	BF Building	Midland, Texas	79701		Langlie Mattix
4. Location of Well	A	100	Ea		CLILLIAN MARITA
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	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		9. Proposed Depth 1	A. Formation	20. Rotary or C.T.
			3650'	Queen	Rotary
21. Flevetions (Show whether DF	RT etc.) 214 Kind	& Status Plug. Bond 2	1B. Drilling Contractor		. Approx. Date Work will start
21. Elevations (Show whether DF, 3303. 5' G. I	B1	anket	Unknown	22	Sept. 10, 1977
23.					
20.	f	PROPOSED CASING AND	CEMENT PROGRAM		<b>1</b>
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	LEACKS OF CE	MENT FOR TOP
12 1/4"	8 5/8"	24#	350'	SACKS OF CE	MENT EST. TOP Surface
7 7/8"	5 1/2"	15.5#	* 3650'	1600	Surface
	<u> </u>	20.0%		1000	
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Will use 10", 9	00 series, Do	uble Hydraulic	Rams (Pipe & I	3lind) w/c	losing unit.
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IN ABOVE SPACE DESCRIBE PR	OPOSED PROGRAM: IF	PROPOSAL IS TO DEEPEN OF	PLUG BACK, GIVE DATA ON	PRESENT PRODUCT	IVE ZONE AND PROPOSED NEW PRODUC
	<del></del>	atota to the beating and to			
I hereby certify that the information	N above is true Akovapin	piete to the best of my kr	owledge and belief.		·
Signed Varine R.	When Il	- Title Dist	rict Engineer	D	8-15-77
<i>(</i> 1)					
(This space for S					
	State Use)	•			
	State Use)	:			
APPROVED BY		. TITLE		DATI	Ī

## NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATIO. PLAT

Supersedes 6-128 Estember 11-128

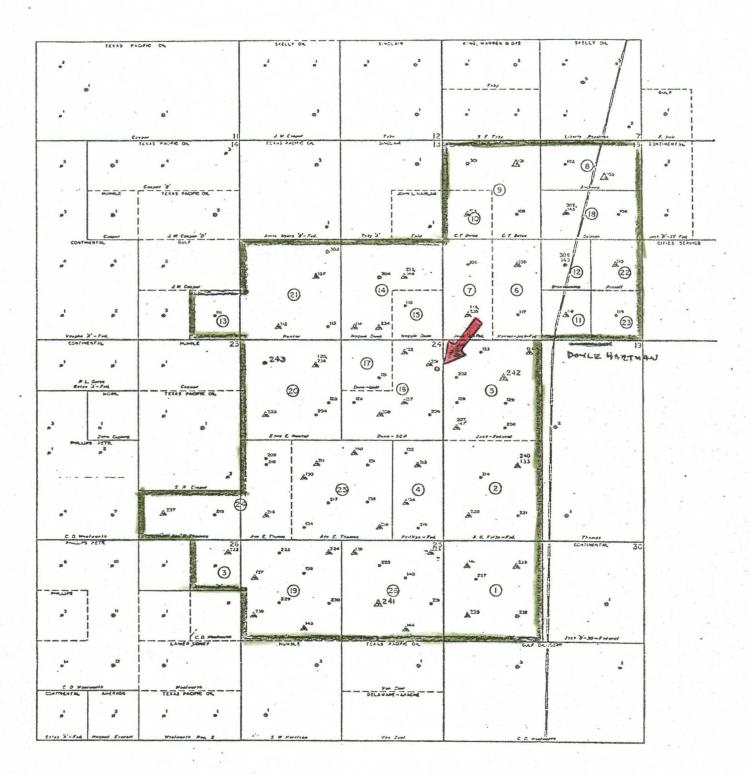
Reserve Oil Inc. Cooper Jal Unit 151 Section The works to the 36 East 24 24 South Lea crage Location of Well: North feet from the Producing Formatics Ground Level Elev. Langlie-Mattix 3303.5 Queen 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? Unitization If answer is "ves," type of consolidation If answer is "no," list the owners and tract descriptions which have actually been consolidated. (I se reverse side of No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commis-- sion. CERTIFICATION Note: Gr. Elev. is 3.5 feet lower than I hereby certify that the information con-Cooper No. 202 located in Sec. tained herein is true and complete to the 19, Township 24 South, Range 3₹ East. Clarence R. Chandler District Engineer Reserve Oil, Inc. 8-15-77 \* Well is committed to Active Secondary Recovery Project. Applying for administrative approval for unorthodox location based upon Rule 104-"C", Sec. I. August 10, 1977 West.

500



WATER CUT %

OIL PRODUCTION, THOUSANDS OF BARRELS



LEGEND



A INJECTION WELL

100 LANGLIE MATTIX ZONE

200 JALMAT OIL ZOME

SO JALMAT GAS ZOME



PROPOSED WELL #151

ATTACH. "B"

RESERVE OIL, INC.

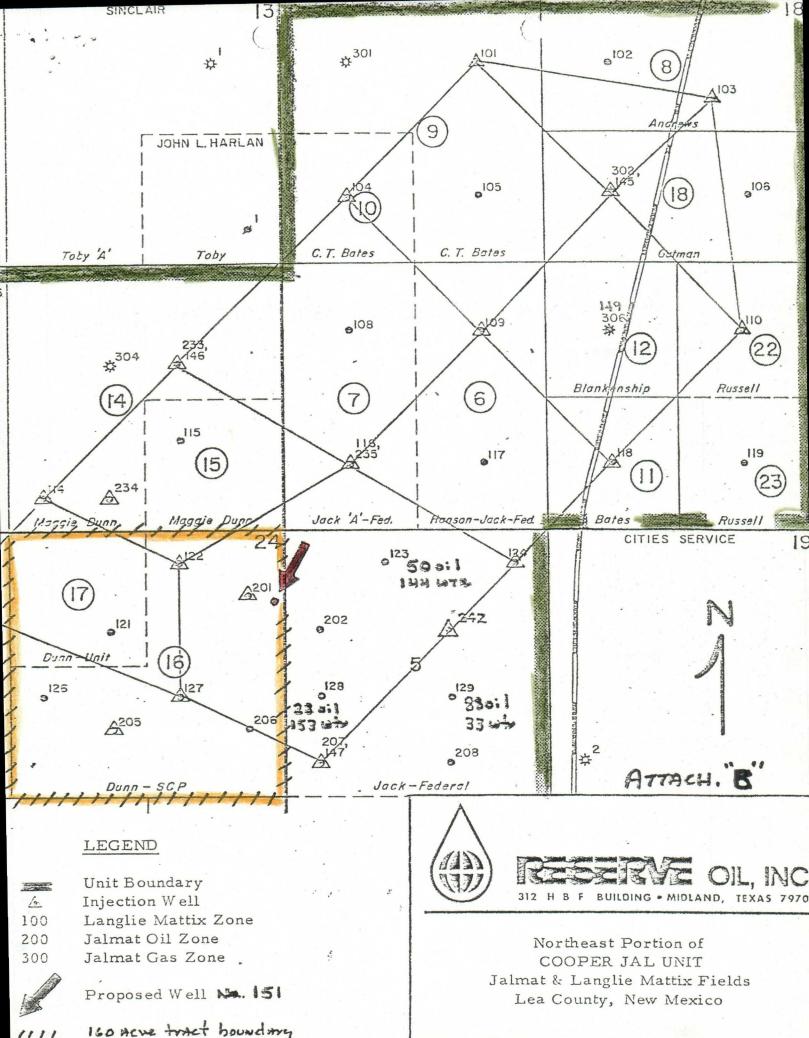
COOPER JAL UNIT

JALMAT AND LANGUE MATTIN FIELDS

TES COUNTY, NEW MEXICO

Chor Con Con

#454444 Ork # 3



CRC 7-20-77

Scale 1" = 100



312 HBF BUILDING MIDLAND, TEXAS 79701 (915) 682-4341

THE SOUTHERN DIVISION

August 15, 1977

nst-887

New Mexico Oil Conservation Commission P. O. Box 2088 Santa Fe, New Mexico 87501

Attention: Mr. Joe Ramey

OIL CONSERVATION COMM

Santa Fe

Re: Application to Drill Unorthodox Location Cooper Jal Unit, Well No. 151

Langlie Mattix Field

Lea County, New Mexico

Gentlemen:

Land Sa

780 from the heath face & Reserve Oil, Inc. requests administrative approval of its application to drill Cooper Jal Unit, Well No. 151, in an unorthodox location in the Cooper Jal Unit, Langlie-Mattix Field, Lea County, New Mexico. R 36E Reference Attachment "C", the proposed producer (Well No. 151) is located in a 160-acre tract that already has four (4) Langlie Mattix wells (2 producers - 2 injectors). Well No. 151's location is considered to be in an optimum position to recover otherwise unrecoverable reserves in an injection pattern bounded by Well Nos. 122, 116, 134, 147 and 127. According to Rule 104, Paragraph C, Section I, "only tracts committed to active secondary recovery projects shall be permitted more than four wells."

Attached for your review are Forms C-101 and C-102, Attachment "B", a plat showing the entire Unit, and Attachment "A", a history of the Unit's performance to date.

Should there be any questions, please call us collect at 915-682-4341.

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Very truly yours,

RESERVE OIL, INC.

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Clarence R. Chandler

about discribed Rocation in

cc: NMOCC-Hobbs

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NO. OF COPIES RECEIVED					, 	
DISTRIBUTION	NEW	MEXICO OIL CONSEI	RVATION COMMISSI	ION	Form C-101	•
SANTA FE					Revised 1-1-6	5
FILE					5A. Indicate	Type of Lease
u.s.g.s.					STATE .	FEE X
LAND OFFICE					.5. State Oil	& Gas Lease No.
OPERATOR						
APPLICATION	FOR PERMIT TO	DRILL, DEEPEN,	OR PLUG BACK			
1a. Type of Work	forming on the last to the las			<del>' i ' i ' i ' i ' i ' i ' i ' i ' i ' i</del>	7. Unit Agre	ement Name
<del></del>		DEEPEN	D1 11	IG BACK	Coope	er Jal Unit
b. Type of Well		DEEPEN	PLU	G BACK	8. Form or L	
OIL X GAS WELL	OTHER		SINGLE X	UULTIPLE ZONE	Coope	er Jal Unit
2. Name of Operator	VINER				9. Well No.	
Reserv	e Oil, Inc.					151
3. Address of Operator					10. Field an	d Pool, or Wildcat
312 HB	F Building, N	Midland, Texas	s 79701		Langl	lie Mattix
4. Location of Well	٨	100		CastLINE	111111	
		A1ED				
AND 700 PEET FROM TH	North	E OF SEC. 24T	WP. 24-S RGE. 3	36-E NMPM		
					12. County	
					Lea	
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			9. Proposed Depth	19A. Formatic	n i	20. Rotary or C.T.
			3650'	Quee	:n	Rotary
21. Elevations (Show whether DF, R			21B. Drilling Contracto	or		. Date Work will start
3303. 5' G. L.	Bla	nket	Unknown		Sept.	10, 1977
23.	Р	ROPOSED CASING AND	CEMENT PROGRAM	i.	\ \ \	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEP	TH SACKS O	F CEMENT	EST. TOP
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7 7/8"	5 1/211	15.5#	* 3650'	1600	i	Surface
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Signed Warre K. (	Maulke	TitleDist	trict Engineer	r	Date 8-1	5-77
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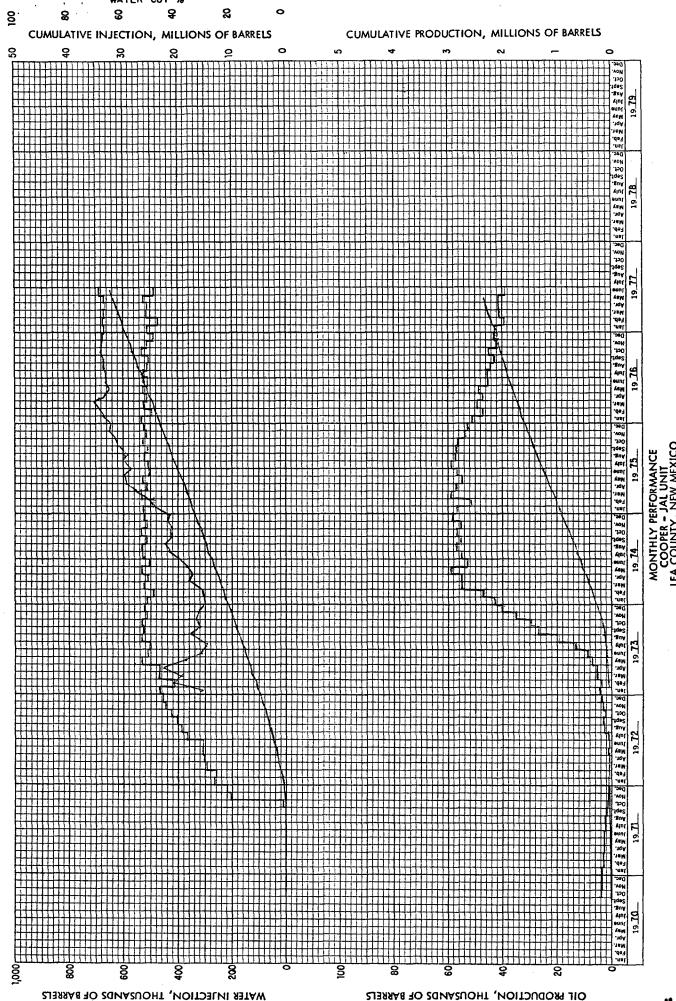
APPROVED BY\_

CONDITIONS OF APPROVAL, IF ANY:

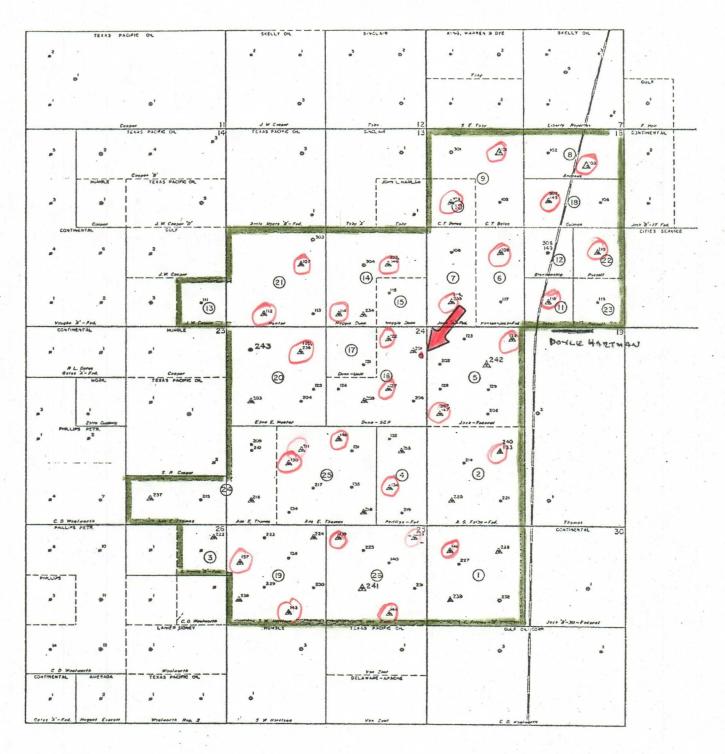
### NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-65

		All distances must be from		of the Section	······································	Paris 1 N
Operator Res	serve Oil Inc.		Cooper J	al Unit		151
Unit Letter	Section · 24	Township 24 South	Range 36 East	County	County Lea	
Actual Footage Loc		_				manimistry to addition of the constitution of
771	feet from the	North line and		leet from the	East	ime
Ground Level Elev. 3303.5	Producing For Que	l l	oo! Langlie-Matt	ix		Dedicated Acreage: ★ Aures
2. If more the interest at 3. If more the duted by C  [X] Yes  If answer this form in No allows.	nan one lease is nd royalty).  an one lease of decommunitization, use the lease of decommunitization, use the lease of the	ifferent ownership is de initization, force-pooling aswer is "yes," type of cowners and tract descriped to the well until all in	outline each and i dicated to the wel cetc? consolidation ptions which have	dentify the  I, have the  Unitiz  actually be consolida	ation en consolie	the plat below.  thereof (both as to working of all owners been consolidated. (Use reverse side of mmunitization, unitization, n approved by the Commis-
Co 19	. Eley. is 3.5 foper No. 202 lo, Township 24 S	ocated in Sec.	1 1 1	120	tained h	CERTIFICATION  certify that the information con- erein is true and complete to the my knowledge and belief.
					Name Clar Position	ence R. Chandler
	1				Dist	rict Engineer
	1				Company Res	erve Oil, Inc.
	ĺ		. !		Pate: 8-15	5-77
Projec approv	t. Applying fal for unortho	o Active Secondar or administrative odox location -"C", Sec. I.	y Recovery	9073/NG	I herab) shown a notes of under my	r certify that the well location in this plan was plotted from field for actual surveys made by me or resupervision, and that the same and correct to the best of my ge and belief.
	1			Į.	Registered	August 10, 1977 Professional Engineer
	-				and/or i.ar	m W. West
G 330 660	90 1320 1680 198	2310 2640 2000			) Incate	676



ATTACH. A



#### LEGEND



INJECTION WELL

100 LANGLIE MATTIX ZONE

MOZ JALMAT OIL ZONE

SCO JALMAT GAS ZONE



PROPOSED WELL #151

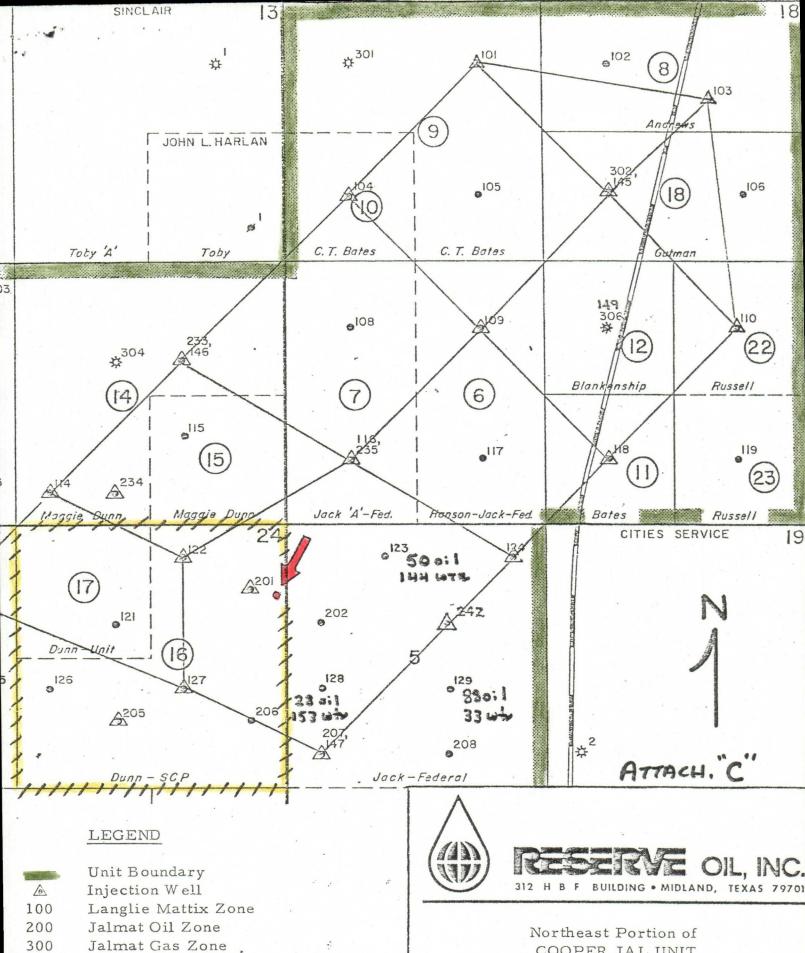
## ATTACH. B"

RESERVE OIL, INC.

COOPER JAL UNIT

JALMAT AND LANGLIE MATTIX FIELDS

LEA COUNTY, NEW MEXICO



Northeast Portion of COOPER JAL UNIT Jalmat & Langlie Mattix Fields Lea County, New Mexico

CRC 7-20-77

Proposed Well Na. 151

160 Acre tract boundary

Scale 1" = 1000

# OIL CONSERVATION COMMISSION FO BOX 2088 SANTA FE: NEW MEXICO 87501

September 8, 1977

Reserve Oil, Inc. 312 HBF Building Midland, Texas 79701

Attention: Clarence R. Chandler

Administrative Order NSL-887

### Gentlemen:

Reference is made to your application for approval of a non-standard location for your Cooper Jal Unit Well No. 151 to be located 700 feet from the North line and 100 feet from the East line of Section 24. Township 24 South, Range 36 East, NMPM, Langlie-Mattix Field, Lea County, New Mexico.

Inasmuch as this unorthodox location is well within the Cooper Jal Unit Area and cannot impair any other operator's rights, the above-described location is hereby approved.

Very truly yours,

JOE D. RAMEY, Secretary-Director

JDR/RLS/dr

cc: Oil Conservation Commission - Hobbs Oil & Gas Engineering Committee - Hobbs