



RESERVE OIL, INC.

THE SOUTHERN DIVISION

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

October 26, 1978

Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Joe Ramey

OCT 30 1978

NSL-994
Do 1,42
NSL 887
1400s 280W 19-24-37
11-19-78

Re: Application to Drill Unorthodox Location
Cooper Jal Unit, Well No. 153
Langlie Mattix Field Pao /
Lea County, New Mexico

Gentlemen:

Reserve Oil, Inc. requests administrative approval of its application to drill Cooper Jal Unit, Well No. 153, in an unorthodox location in the Cooper Jal Unit, Langlie Mattix Field, Lea County, New Mexico. Reference Attachment "C", the proposed producer (Well No. 153) is located in a 160-acre tract that presently has two Langlie Mattix wells (1 producer - 1 injector). Although the proposed Cooper Jal Unit Well No. 153 is only 280' from the West line of Section 19, its drillsite is considered to be in an optimum position to recover otherwise unrecoverable reserves in an injection pattern bounded by Well Nos. 147, 133, 141, and 136.

This well is located well within the Cooper Jal Unit area and will not impair other operators' rights. Also attached for your review are Forms C-101 and C-102, Attachment "A" (plat showing entire unit), and Attachment "B" (unit's production history).

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: E&M Dept., OCD - Hobbs

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LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

OCT 30 1978

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		Cooper Jal Unit	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		8. Farm or Lease Name	
SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		Cooper Jal Unit	
2. Name of Operator		9. Well No.	
Reserve Oil, Inc.		153	
3. Address of Operator		10. Field and Pool, or Wildcat	
312 HBF Building, Midland, Texas 79701		Langlie Mattix	
4. Location of Well		12. County	
UNIT LETTER <u>L</u> LOCATED <u>280</u> FEET FROM THE <u>West</u> LINE		Lea	
AND <u>1400</u> FEET FROM THE <u>South</u> LINE OF SEC. <u>19</u> TWP. <u>24S</u> RGE. <u>37E</u> NMPM			
19. Proposed Depth		19A. Formation	20. Rotary or C.T.
3700'		Queen	Rotary
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
GL = 3290.7	Blanket	Unknown	12-1-78

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	350'	300	Surface
7 7/8"	5 1/2"	15.5#	* 3700'	1000	Surface

* Will circulate cement back to surface from 5 1/2" shoe.

Will use 10", 900 series Double Hydraulic Rams (Pipe & Blind) w/closing unit.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Alvin R. Chandler Title District Engineer Date 10-26-78

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

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 the outer boundaries of the Section.

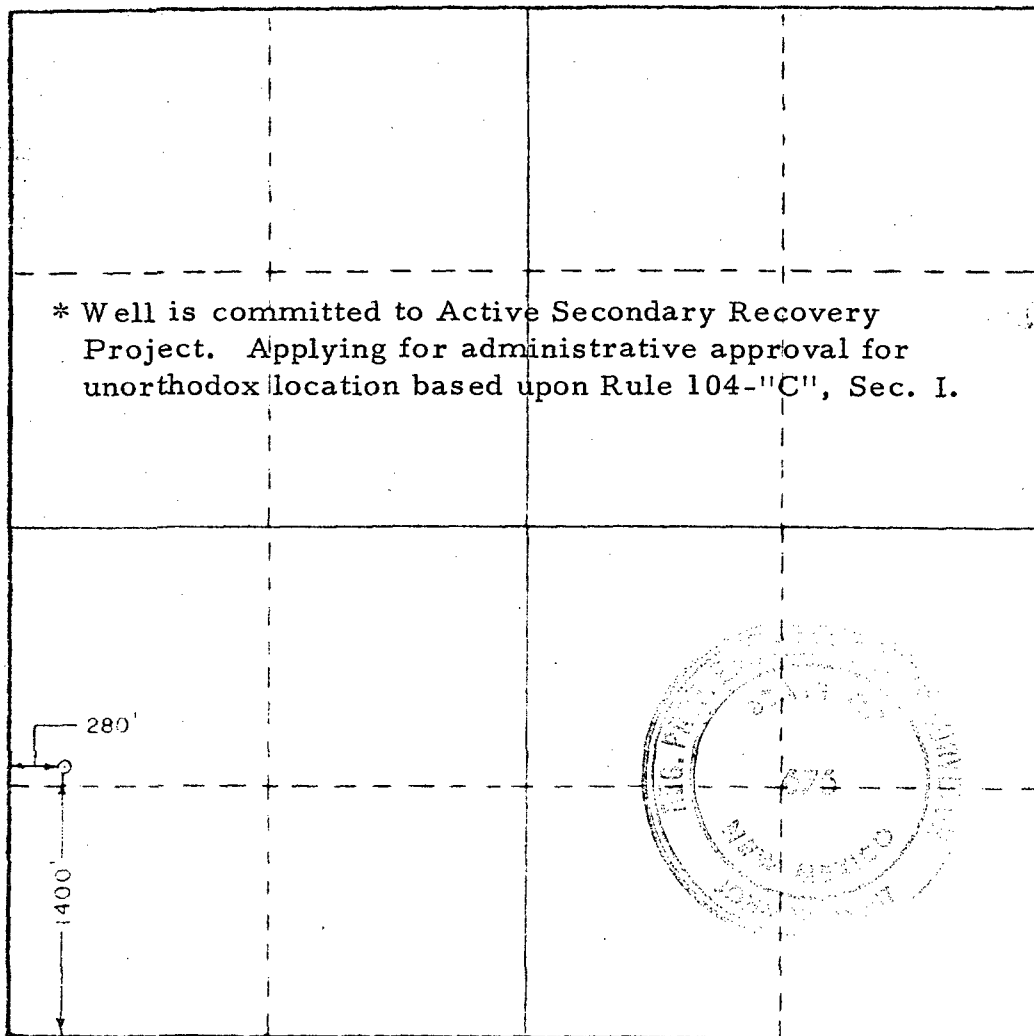
Operator Reserve Oil, Inc.			Lease Cooper Jal Unit			Well No. 153		
Unit Letter L	Section 19	Township 24 South	Range 37 East	County Lea				
Acreage Location of Well: 1400 feet from the South line and 280 feet from the West line								
Ground Level Elev. 3290.7		Producing Formation Queen		Pool Langlie Mattix			Dedicated Acreage: * 40 <small>Acres</small>	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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?

☒ Yes ☐ No If answer is "yes," type of consolidation **Unitization**

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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 Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
Clarence R. Chandler
Position
District Engineer
Company
Reserve Oil, Inc.

Date
10-26-78

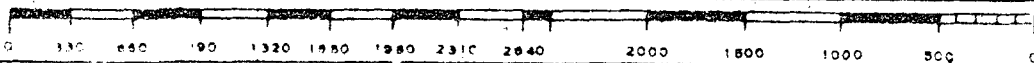
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

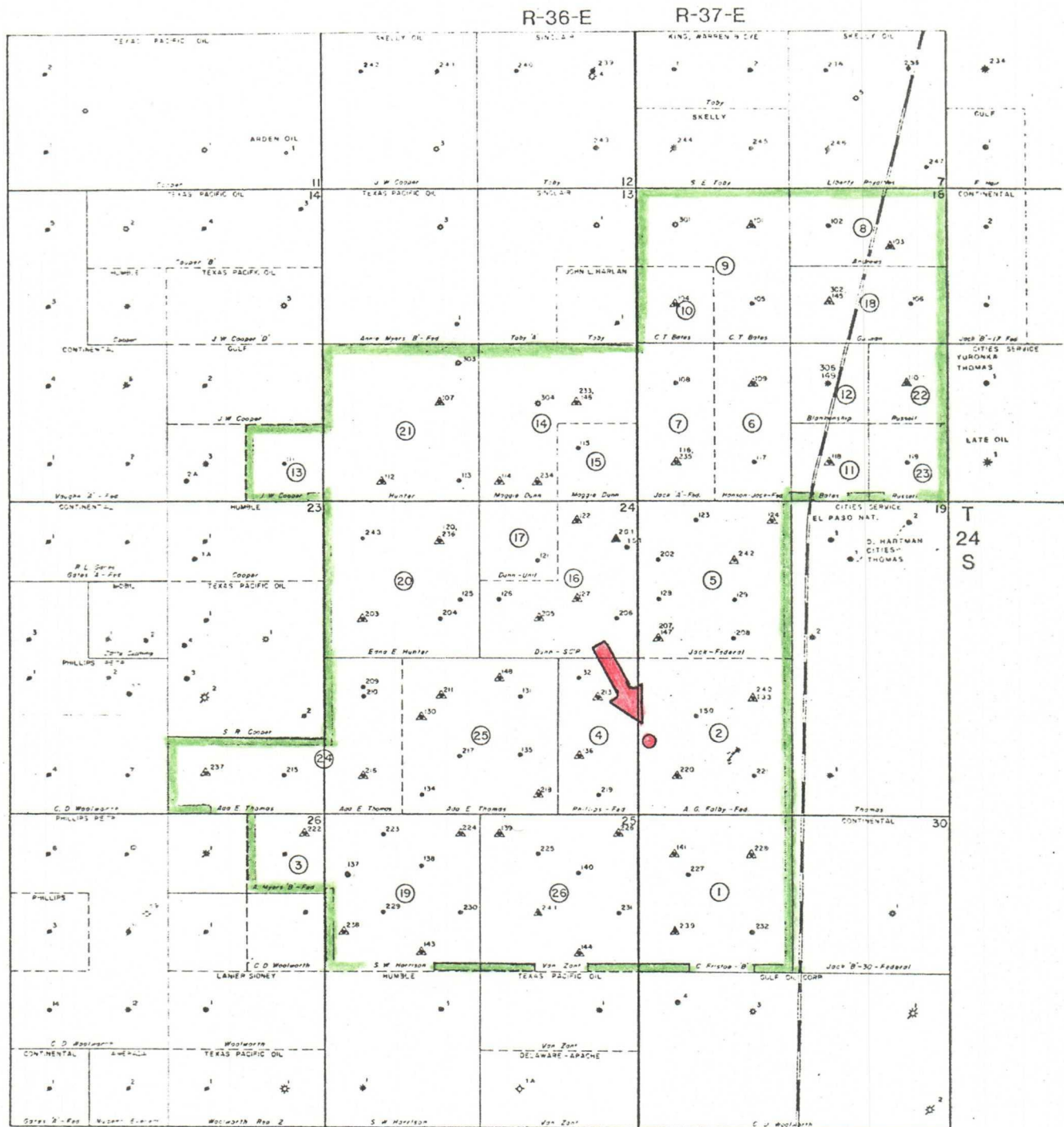
December 21, 1977

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. **John W. West 676**
Ronald J. Eidson 3239





LEGEND

- UNIT BOUNDARY
- ① TRACT NUMBER
- ▲ INJECTION WELL
- 100 LANGLIE MATTIX ZONE
- 200 JALMAT OIL ZONE
- 300 JALMAT GAS ZONE



Proposed Well No. 153

COOPER JAL UNIT

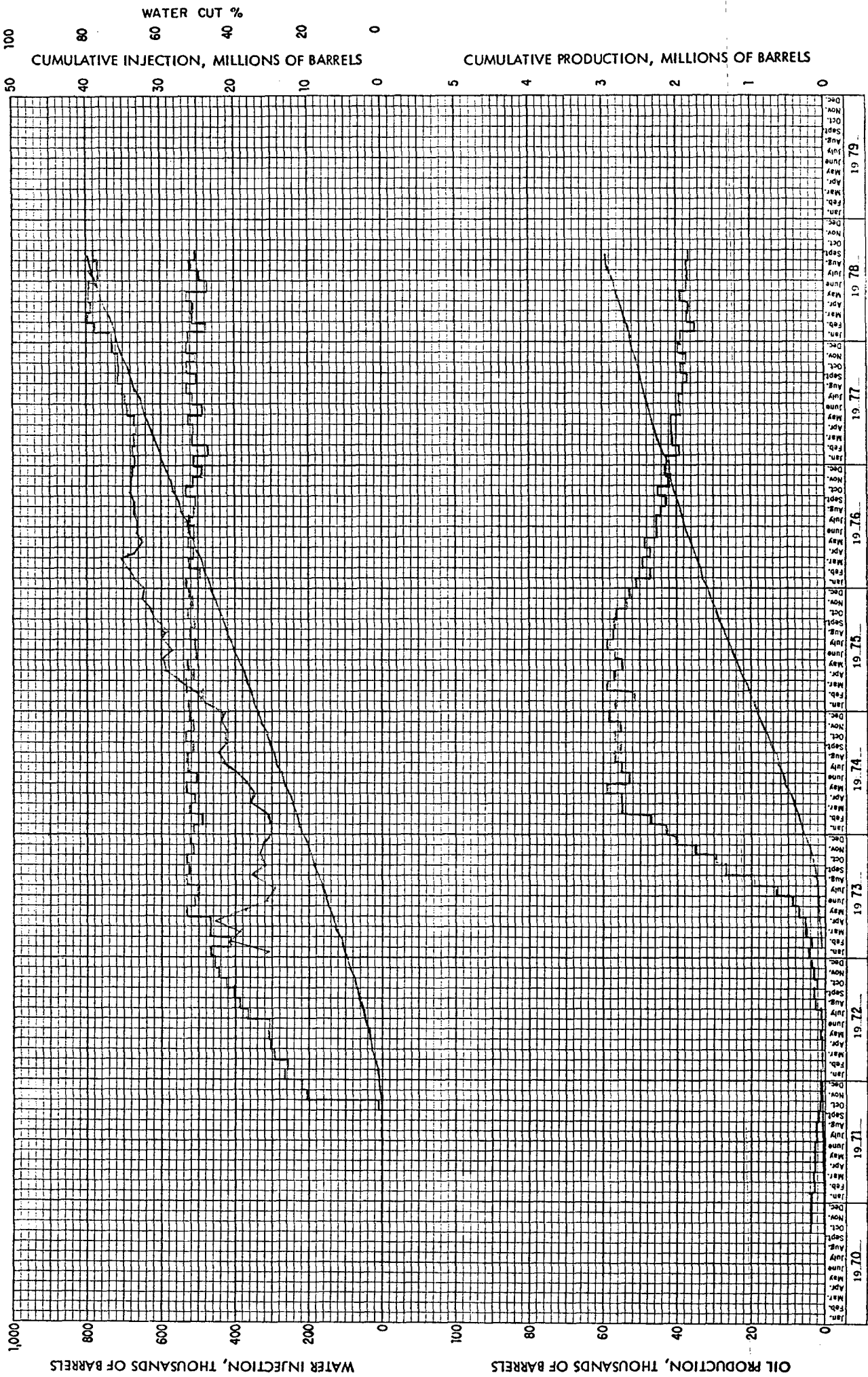
JALMAT AND LANGLIE MATTIX FIELDS

LEA COUNTY, NEW MEXICO

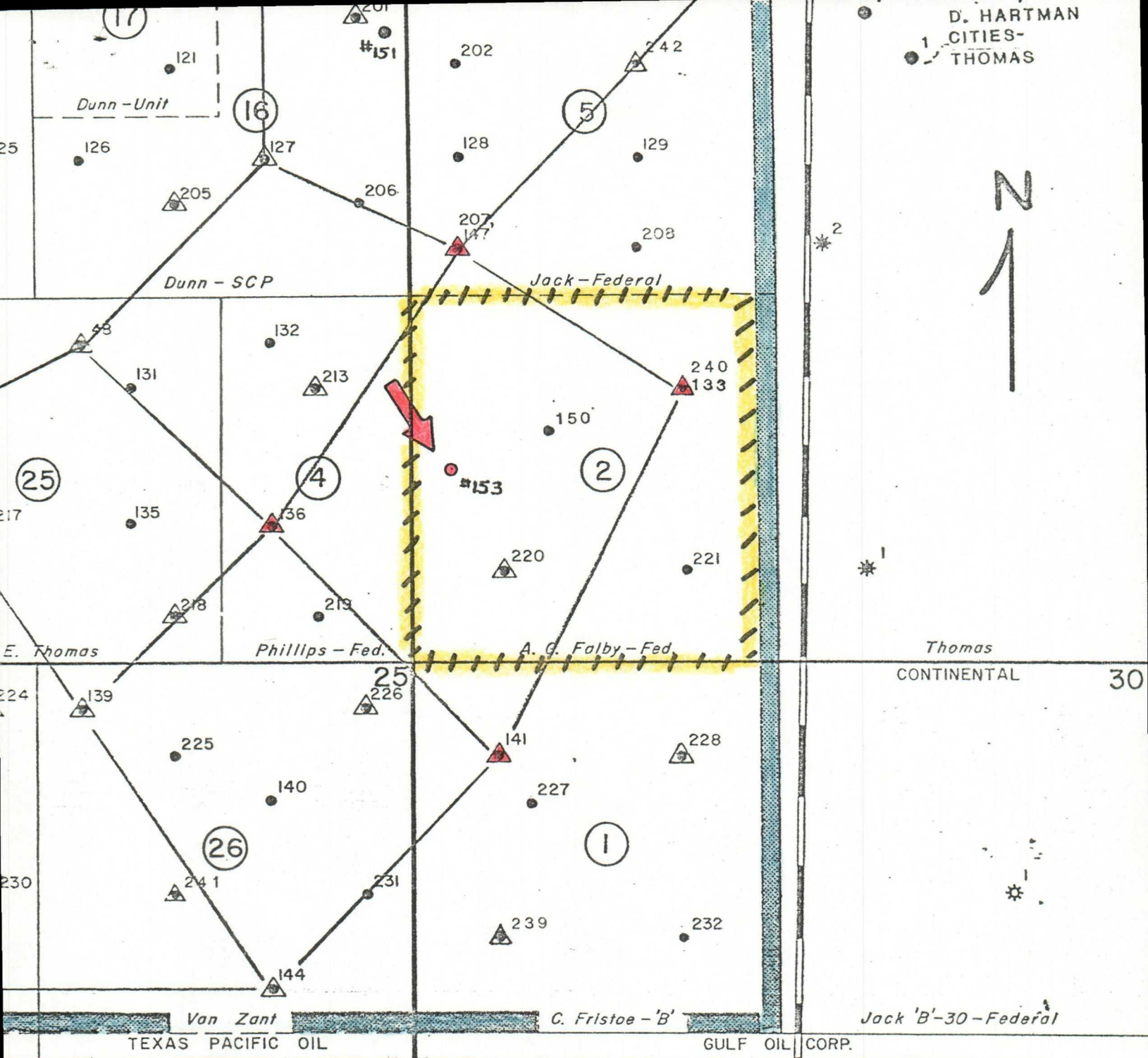
1" = 1000'

RESERVE OIL INC.




ATTACH. 'A'



MONTHLY PERFORMANCE
COOPER - JAL UNIT
LEA COUNTY, NEW MEXICO



LEGEND

-  Unit Boundary
-  Injection Well
- 100 Langlie Mattix Zone
- 200 Jalmat Oil Zone
- 300 Jalmat Gas Zone
-  Proposed Well
- #153

 160 Acre Tract Boundary

ATTACH. "C"



RESERVE OIL, INC.

312 H B F BUILDING • MIDLAND, TEXAS 79701

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

CRC 2-9-78

Scale: 1" = 1000'