THE GONSERGE FOR DIVISION

Texaco Exploration and Production Inc Midland Producing Division

500 N Loraine RECEIVED P O Box 3109 Midland TX 79701 Midland TX 75

Midland TX 79702

195 FEB 3 AM 8 52

February 1, 1995

GOV - STATE AND LOCAL GOVERNMENTS Unorthodox Locations Cooper Jal Unit Well Nos. 408, 410, 411, and 412 Jalmat and Langlie Mattix Fields Lea County, New Mexico

State of New Mexico Energy and Minerals Department Oil Conservation Division 2040 South Pacheco Santa Fe, New Mexico 87505

Attention: Mr. Michael E. Stogner

Gentlemen:

An exception, by administrative approval, to Rule 104 F.I. is requested for the captioned wells. Wells 408, 410, and 411 are on State land and 412 is on Federal minerals.

The wells must be drilled in these locations to ensure proper development on 20-acre spacing to recover additional reserves in an established waterflood. These reserves could not be recovered with the current 80-acre, 5-spot pattern.

There are no "affected" offset operators to these wells.

Attached are Forms C-102, showing the location for each well and a lease plat showing the existing wells.

Yours very truly,

math. W. >

C. W. Howard

Engineer's Assistant

CWH:

cc: NMOCD, P. O. Box 1980, Hobbs, NM 88240

DISTRICT | P. O. Box 1980, Hobbs, NM 88240

P. O. Hox 1980, Hobbs, NM 88240 DISTRICT II

P. O. Drawer DD, Artesia, NM 88210

1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
P. O. Box 2088, Sonto Fe, NM 87504-2088

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe. NM 87504-2088 Form C-102 Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

State Lease-4 copies Fee Lease-3 copies

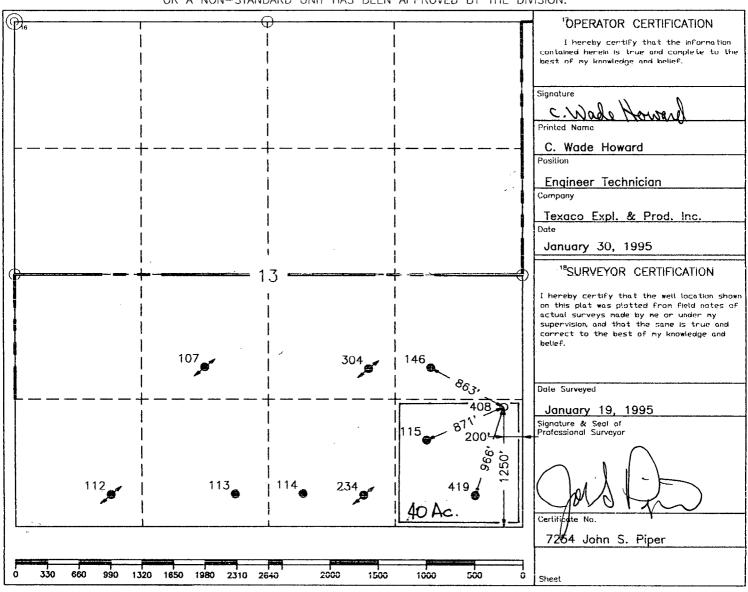
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number ²Pool Code Jalmat; Langlie Mattix 37240: 33890 Property Code Property Name Well Number COOPER JAL UNIT 10917 408 BOperator Name Elevation OCRID No. TEXACO EXPLORATION & PRODUCTION, INC. 3316 97321 Surface Location Ut or lot no. Section Lownahip Range Feet from the North/South line Feet from the East/West line County

36-E 1250' Р 13 24-S 200' South East Bottom Hole Location If Different From Surface Ul or lot no. Section Township Ronge Lot Idn Feet from the North/South line Feet from the East/West line 7County 33 Joint or Infill 12Dedicated Acres *Consolidation Code "Order No. 40

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION.



O = Staked Location • = Producing Well • Injection Well • = Water Supply Well • = Plugged & Abandon Well

🔘 = Found Section Corner, 2 or 3" Iron Pipe & GLO B.C. 🔘 = Found /4 Section Corner, 1" Iron Pipe & GLO B.C.

DISTRICT 1 P. O. Box 1980, Hobbs, NM 88240

DISTRICT II P. O. Drawer DD, Artesia, NM 88210

DISTRICT HI

1000 Rio Brazos Rd., Aztec, NM 87410 DISTRICT IV

P. O. Box 2088, Santa Fe, NM 87504-2088

API Number

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe. NM 87504-2088

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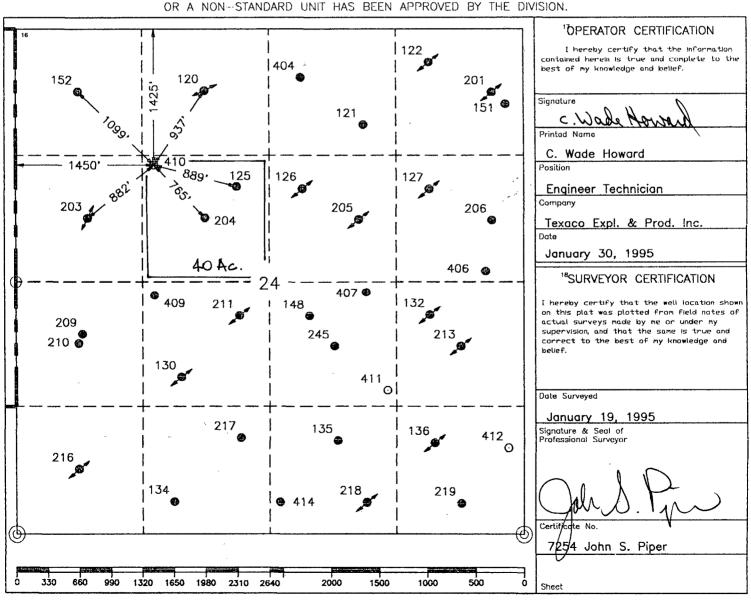
MENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

²Pool Code

			3724	0 ; 3:	3830 10	almat; Langlie Mat	tix			
Property Co	de				⁵ Property	Name			⁶ Well Number	
10917					COOPER	OPER JAL UNIT 410				
OCRID No.					⁸ Operato	r Name			g Elevation	
2232	١		٦	TEXACO	EXPLORATION	ORATION & PRODUCTION, INC. 3324				
	· L				10 Surface	Location				
UL ar lot na.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
F	24	24-S	36-E		1425'	North	1450'	West	Lea	
			'' Bot	tom Hol	le Location I	f Different From	Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	⁷ County	
12Dedicated Acres	3 13Joi	nt or Infill	¹Consolidati	on Code	¹⁵ Order No.	1		Ĺ	<u> </u>	
40	[1			l					

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION.



O = Staked Location • = Producing Well 🖋 = Injection Well 💠 = Water Supply Well - 💠 = Plugged & Abandon Well

(O) = Found Section Corner, 2 or 3" Iron Pipe & GLO B.C. O = Found /4 Section Corner, 1" Iron Pipe & GLO B.C. DISTRICT 1
P. O. Box 1980, Hobbs, NM 88240

DISTRICT II P. O. Drawer DD, Artesia, NM 88210

12Dedicated Acres

40

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV

P. O. Box 2088, Santa Fe, NM 87504-2088

¹ API Number

³Joint or Infill

¹Consolidation Code

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102 Revised February 10, 1994

Instructions on back

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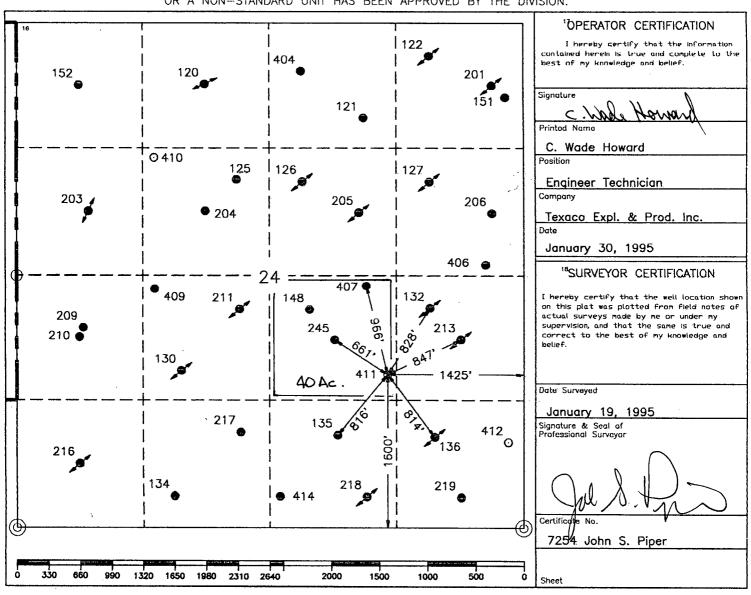
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

	1 3.1940 . 33	2.9.90 natu	nat; Langlie Mat	tix		
Property Code	Property Code 5Property Name					⁶ Well Number
10917	COOPER JAL UNIT 411					411
OGRID No.	ORID No. BOperator Name					⁹ Elevation
32351 TEXACO EXPLORATION & PRODUCTION, INC.						3314
		¹⁰ Surface L	ocation			
II. or lot no. Section Township	Range Lot Idn	Feet from the	North/South line	Feet from the	East/West line	⁷ County
J 24 24-S	36-E	1600'	South	1425'	East	Lea
	" Bottom Hole	Location If	Different From S	Surface		
JL or lot no. Section Township	Range 1.ot Idn	Feet from the	North/South line	Feet from the	East/West line	7County
i t	1 1 1		t .	i .		l .

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION.

¹⁵Order No.



O = Staked Location • = Producing Well = Injection Well • = Water Supply Well • = Plugged & Abandon Well

O = Found Section Corner, 2 or 3" Iron Pipe & GLO B.C. O = Found /4 Section Corner, 1" Iron Pipe & GLO B.C.

DISTRICT 1 P. O. Box 1980, Hobbs, NM 88240

DISTRICT II P. O. Drawer DD. Artesia, NM 88210

P. O. Drawer DD. Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV

DISTRICT IV
P. O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-102 Revised February 10, 1994

Instructions on back

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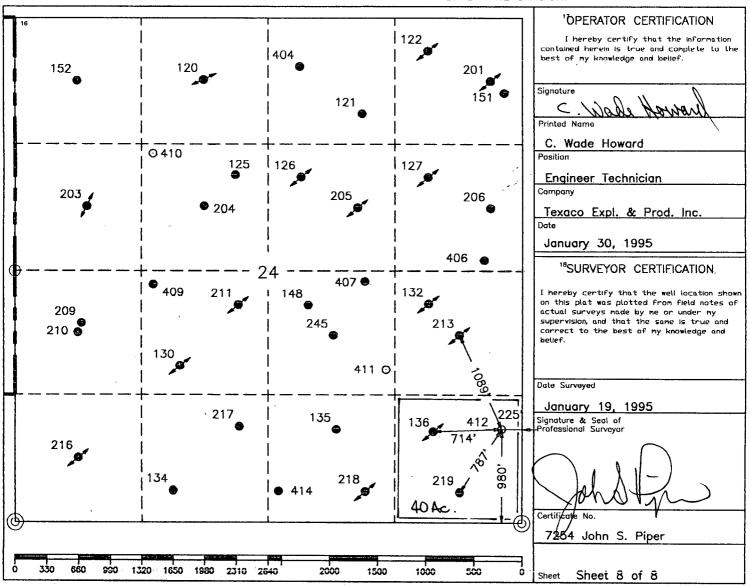
__ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name		
	0588E; 0467E	Jalmat; Langlie Mattix		
Property Code		³ Property Name		
1091.7	COOF	COOPER JAL UNIT		
OCRID No.	8 _O	⁸ Operator Name		
37321	TEXACO EXPLORA	TEXACO EXPLORATION & PRODUCTION, INC.		
	¹⁰ Sur	face Location		

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	24	24-S	36-E		980,	South	225'	East	Lea
	" Bottom Hole Location If Different From Surface								
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	⁷ County
12Dedicated Acres	13 _{Joi}	int or Infili	¹*Consolid	lation Code	¹⁵ Order No.	I	<u>L</u>	<u>. </u>	<u> </u>

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION.



- O = Staked Location = Producing Well = Injection Well = Water Supply Well = Plugged & Abandon Well
- O = Found Section Corner, 2 or 3" Iron Pipe & GLO B.C. O = Found /4 Section Corner, 1" Iron Pipe & GLO B.C.

3	- E	Техасо (
	COOPER JAL UNIT LEA COUNTY, NEW MEXICO WELL LOCATIONS	Texaco Exploration and Production Inc
1/4%	EXICO	oduction Inc.

LEGEND

O SINGLE OIL PRODUCER

● DHC OIL PRODUCER

△ WATER INJECTOR

※ GAS PRODUCER

■ SI DHC PRODUCER

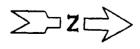
△ SI WATER INJECTOR

△ SI WATER INJECTOR

△ DUAL INJECTOR

△ DUAL INJECTOR

G LOCATION



BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

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

CASE No. 4403 Order No. R-4019

APPLICATION OF RESERVE OIL AND GAS COMPANY FOR A WATERFLOOD PROJECT, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:30 a.m. on August 19, 1970, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 25th day of August, 1970, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Reserve Oil and Gas Company, seeks authority to institute a waterflood project in the Cooper-Jal Unit Area, Langlie-Mattix Pool, by the injection of water into the Lower Seven Rivers and Queen formations through 26 injection wells in Township 24 South, Ranges 36 and 37 East, NMPM, Lea County, New Mexico.
- (3) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.
- (4) That the proposed waterflood project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

(5) That the subject application should be approved and the project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

IT IS THEREFORE ORDERED:

(1) That the applicant, Reserve Oil and Gas Company, is hereby authorized to institute a waterflood project in the Cooper-Jal Unit Area, Langlie-Mattix Pool, by the injection of water into the Lower Seven Rivers and Queen formations through the following-described 26 wells in Lea County, New Mexico:

Operator Lease	Well No.	<u>Unit</u>		t i o n Township	Range
Amerada	•				
Falby	3 (a dua	K 1 comp	19 pletion)	2 4S	37E
Cities Service	٠,		÷	•	
Hansen-Jack	1	K	18	245	37E
Jack "A" Federal	1 (a dua	M 1 comp	18 pletion)	245	37E
Continental Oil Company				,	
Jack Federal 19	l (a dua	E 1 com	19 pletion)	245	37E
	8 .	C	19	245	37E
Harlan					
Bates	1	E	18	24S	37E
Humble	,				
E. Hunter	4 (a dua	C l comp	24 pletion)	24S	36E
Petroleum Corporation of Texas					•
M. Dunn	2 (a dua	I I com	13 pletion)	245	36E
	4	0	13	24S	36E
Harrison	6	F	25	245	36E
	8	D	25	245	36E

-3-CASE No. 4403 Order No. R-4019

Operator Lease	Well No.	<u>Unit</u>		t i o n Township	Range
Phillips	4	P	24	24S	36E
Thomas	6	J .	24	245	36E
	7	K	24	245	36E
Reserve Oil and Gas Company Andrews	2	A	18	245	37E
Hunter	3	M	13	24S	36E
	5	K	13	24S	36E
Gutman	l (a dua:	G L comp	18 oletion)	245	37E
Russell "A"	1	I	18	24S	37E
Van Zandt	5	В	25	24S	36E
	7	H .	25	24S	36E
Atlantic Richfield Company Bates	1	C	18	24S	37E
Dunn SCP	5	H	24	245	36E
	6	A	24	248	36E
Texaco "B" Fristoe "B"	5	D	30	24S	37E
Texas Pacific Bates	1	o	18	245	37E

⁽²⁾ That the subject waterflood project is hereby designated the Reserve Cooper Jal Langmat Waterflood Project and shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

⁽³⁾ That monthly progress reports of the waterflood project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

-4-CASE No. 4403 Order No. R-4019

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

ALEX J. ARMIJO, Member

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

SEAL

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

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

CASE No. 4404 Order No. R-4020

APPLICATION OF RESERVE OIL AND GAS COMPANY FOR A WATERFLOOD PROJECT, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:30 a.m. on August 19, 1970, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 25th day of August, 1970, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Reserve Oil and Gas Company, seeks authority to institute a waterflood project in the Cooper-Jal Unit Area, Jalmat Pool, by the injection of water into the Tansill, Yates, and Upper and Middle Seven Rivers formations through 23 injection wells in Township 24 South, Ranges 36 and 37 East, NMPM, Lea County, New Mexico.
- (3) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.
- (4) That the proposed waterflood project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

(5) That the subject application should be approved and the project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

IT IS THEREFORE ORDERED:

(1) That the applicant, Reserve Oil and Gas Company, is hereby authorized to institute a waterflood project in the Cooper-Jal Unit Area, Jalmat Pool, by the injection of water into the Tansill, Yates, and Upper and Middle Seven Rivers formations through the following-described 23 wells in Lea County, New Mexico:

Operator Lease	Well No.		Locat Section T		Range
Amerada					
Falby	3 (a dı	K ual com	19 npletion)	245	37E
* *	4	M	19	245	37E
Cities Service Jack "A" Federal	1 (a di	M ual com	18 mpletion)	245	37E
Continental Jack Federal 19	1 (a đ	E ual com	19 apletion)	24S	37E
	4	C	19	24S	37E
Humble Hunter	3	E	24	245	36E
	4	C	24 apletion)	245	36E
Thomas	1	0	23	24S	36E
	3	M	24	245	36E
Petroleum Corporation of Texas M. Dunn	1	0	13	24S	36E
	2	I	13	24S	36E
Harrison	, 1	C	25	24S	36E
	7	E	25	248	36 E

Operator Lease	Well No.		Loca Section	tion Township	Range
Phillips	2	Ţ	24	245	36E
Thomas	1	0	24	24S	36E
	4	K	24	245	36E
Reserve Oil and Gas Company Van Zandt	. 2	A	25	24S	36E
	4	G	25	24S	36E
Atlantic Richfield Company Dunn SCP	1.	G ·	24	24S	36E
	3	A	24	24S	36E
Texaco Fristoe "B"	1	E C	30 30	24S 24S	37E 37E
Texas Pacific Myers "B" Federal	1	· A	26	245	36E

- (2) That the subject waterflood project is hereby designated the Reserve Cooper Jal Jalmat Waterflood Project and shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.
- (3) That monthly progress reports of the waterflood project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.
- (4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

ALEX J. ARMIJO, Member

SEAL

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

CMD : OG5SECT ONGARD
INQUIRE LAND BY SECTION

02/07/95 10:50:59 OGOMES -EME4

PAGE NO: 1

Sec : 13 Twp : 24S Rng : 36E Section Type : NORMAL

D 40.00	C 40.00	B 40.00	A 40.00
Federal owned	Federal owned	Fee owned	Fee owned
	A	A	A
E	-	G	H
40.00	40.00	40.00	40.00
- 1 1 - · · · 1	7 - 1 1		
Federal owned	Federal owned	Fee owned	Fee owned
		A	P A
DE01 HELD DE02	DEO2 EXTE	DEO4 College DEOC	DEOC
PF01 HELP PF02 PF07 BKWD PF08 FV	PF03 EXIT ND PF09 PRINT	PF04 GoTo PF05 PF10 SDIV PF11	PF06 PF12

CMD : OG5SECT

ONGARD
INQUIRE LAND BY SECTION

02/07/95 10:51:23 OGOMES -EME4

PAGE NO: 2

Sec : 13 Twp : 24S Rng : 36E Section Type : NORMAL

L 40.00	K 40.00	Ј 40.00	I 40.00
Fee owned	Fee owned	Fee owned	Fee owned
	A A	 A	P
М	N	0	P
40.00	40.00	40.00	40.00
Fee owned	Fee owned	Fee owned	Fee owned
A	P	A A	A A
PF01 HELP PF02 PF07 BKWD PF08 FWI		F04 GoTo PF05 F10 SDIV PF11	PF06 PF12
ELOI DEMD ELOO LMI	D FLOD EKINI PI	TO ODIA BEIL	FFIZ

CMD : OG5SECT

ONGARD INQUIRE LAND BY SECTION

0.2/07/95 10:52:44 OGOMES -EME4 PAGE NO: 1

Sec : 24 Twp : 24S Rng : 36E Section Type : NORMAL

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Fee owned	Fee owned	Fee owned	Fee owned
A	A	A A	A A A
E	F	G	H
40.00	40.00	40.00	40.00
Fee owned	Fee owned	Fee owned	Fee owned
A	A A	A A	A A A
PF01 HELP PF02	PF03 EXIT P	F04 GoTo PF05	PF06
PF07 BKWD PF08 FW		F10 SDIV PF11	PF12

CMD : OG5SECT

ONGARD
INQUIRE LAND BY SECTION

02/07/95 10:52:54 OGOMES -EME4

PAGE NO: 2

Sec : 24 Twp : 24S Rng : 36E Section Type : NORMAL

L 40.00	K 40.00	J 40.00	I 40.00
10.00			
Fee owned	Fee owned	Fee owned	Federal owned
A A	A A A	A A A	A A
M	N	0	P
40.00	40.00	40.00	40.00
Fee owned	Fee owned	Fee owned	Federal owned
A	A A	A A A	A A
PF01 HELP PF02	PF03 EXIT	PF04 GoTo PF05	PF06
PF07 BKWD PF08	FWD PF09 PRINT	PF10 SDIV PF11	PF12