

COUNTY IEA FIELD Paddock, I/Paddock STATE N.M.

OPR PAN AMERICAN PET. CORP. /& Fowler-Tubb MAP

16 South Mattix Unit-Federal CO.ORD

Sec. 15, T-24-S, R-37-E

990' fr S Line & 1648' fr E Line of Sec.

Spud 9-8-63; Comp 2-1-64 CLASS EL 32562

(All 3 zones)	FORMATION	DATUM	FORMATION	DATUM
CSG & SX - TUBING	LOG:			
	Anhy 1000			
	Yates 2430			
	Queen 3100			
	Glor 4820			
	Bli 5340			
LOGS EL GR RA IND HC A	Tubb 5840			
	TD 6150', PBD 6100'			

IP U/Paddock Perfs 4833-80' F 914 MCFGPD thru 12/64" chk., FTP 950.
 IP L/Paddock Perfs 5160-80' F 914 MCFGPD, 14/64" chk., CP Pkr,
 FTP 800#.
 IP Tubb Perfs 5862-5940' F1051 MCFGPD, thru 16/64" chk., CP
 Pkr, FTP 1200#.

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CONT. Loffland Bros. Drlg. Co. PROP DEPTH 6300' TYPE

DATE

F.R. 9-12-63; Oper's Elev. 3258'
 PD 6300' - Tubb
 Contractor - Loffland Bros. Drlg. Co.

9-9-63 Drlg. 810'.
 9-16-63 Drlg. 3701'.
 9-23-63 Drlg. 4830'.
 9-26-63 AMENDED FOOTAGE: Was 1990' FSL & 1648' FEL of Sec.
 9-30-63 Coring @ 5507'.
 Cored 5330-89', rec 59' dns dolo., w/scatt. BO&G.
 Cored 5389-5448', rec 59' dns dolo., w/scatt.
 frags. & PPP, BO&G.
 Cored 5448-5507', rec 59' same.

10-7-63 Drlg. 5936'.
 Cored 5507-23', rec 16' dns dolo., w/scatt. PPP,
 BD&G.
 Cored 5523-74', rec 51' same.
 Cored 5574-5633', rec 57' same.
 Cored 5633-58', rec 25' same.

10-14-63 TD 6150', prep to perf.

- 10-21-63 TD 6150', tstg.
Perf (Tubb) 5862-68', 5880-88', 5896-5922',
5928-40', 6073-86', 6093-6101' W/2 SPF
Ac. 2000 gals (6073-6101')
Swbd 40 BLW/4 hrs, swbd 5 BW/4 hrs (6073-6101')
Ac. 2000 gals. (5862-5940')
Flwd 2020 MCFGPD/14 hrs thru 1/4" chk., FP 1400#.
Flwd 3500 MCFGPD/10 hrs thru 28/64" chk., TP 750#.
- 10-28-63 TD 6150', flwg load.
Perf (Blinebry) @ 5413', 5442', 5456', 5480',
5505', 5525', 5558', 5592', 5597', 5611',
5649', 5680', 5697', 5714', 5737', 5742' &
5747' W/1 SPI
Ac. 2000 gals.
Frac 30,000 gals oil (5413-5747')
Flwd 135 BLO/24 hrs, 11/64" chk., TP 1100#.
- 11-4-63 TD 6150', flwg load.
Flwd 382 BLO/72 hrs, 15/64" chk., TP 1800#.
- 11-11-63 TD 6150', prep to drill out.
Flwd 80 BLO/18 hrs thru 15/64" chk., TP
1800#, CP 1850#, gas @ 1560 MCFGPD (5413-5747')
Had communications, squeezed with 150 sx.
- 11-18-63 TD 6150', prep to Drill Out Pkr @ 5830'.
Set retainer @ 5380' & Re-Squeezed perfs
5413-5747' W/125 sx.
- 11-26-63 TD 6150', PBD 6100', prep to test.
Re-Perf (Tubb) 5862-68', 5880-86', 5892-
5922', 5928-40' W/2 SPF,
Ac. 1000 gals (5862-5940')
- 12-2-63 TD 6150', PBD 6100', tstg.
Flwd 25 B Cond. in 24 hrs thru 24/64" chk.,
Gas volume @ 1182 MCFGPD.
Re-Ac. 3000 gals (5862-5940')

12-2-63 -continued-
Flwd 22 B Cond. + 32 BAW/19 hrs thru 24/64" chk.,
Gas volume @ 2305 MCFGPD.
Perf (L/Paddock) 5160-80' W/2 SPF
Ac. 2000 gals (5160-80')
Swbd 47 BLW/4 hrs.
12-9-63 TD 6150', PBD 6100', SI.
Flwd 10 BO/24 hrs thru 20/64" chk., gas @
1784 MCFGPD (5160-80')
12-16-63 TD 6150', PBD 6100', SI.
12-30-63 TD 6150', PBD 6100', prep to install triple
equipment
Perf (U/Paddock) 4833-46', 4852-66', 4868-
80' W/2 SPF
Ac. 2000 gals (4833-80')

Flwd 2030 MCFGPD thru 22/64" chk., TP 800#.
1-6-64 TD 6150', PBD 6100', prep to test.
1-13-64 TD 6150', PBD 6100', tstg. Tubb Zone.
Flwd 72 BF/14 hrs thru 24/64" chk.,
1-20-64 TD 6150', PBD 6100', tstg.
Flwd 12 BO + 2 BLW/24 hrs thru 24/64" chk.,
TP 500#, gas vol. @ 1982 MCFGPD. (5862-5940')
1-27-64 TD 6150', PBD 6100', tstg.
Flwd 655 MCFGPD/20 hrs (5862-5940'), 48/64" chk.,
TP 150-75#.
2-3-64 TD 6150', PBD 6100', WO Potential.
Re-Ac. 500 gals (5862-5940')
Re-Ac. 500 gals (5160-80')
Re-Ac. 500 gals (4833-80')
2-10-64 TD 6150', PBD 6100', WO Potential.
4-20-64 TD 6150', PBD 6100', COMPLETED.
LOG TOP: Drinkard 6106'.

WELL LOCATION AND ACREAGE DEDICATION PLAT

Supersedes 6-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

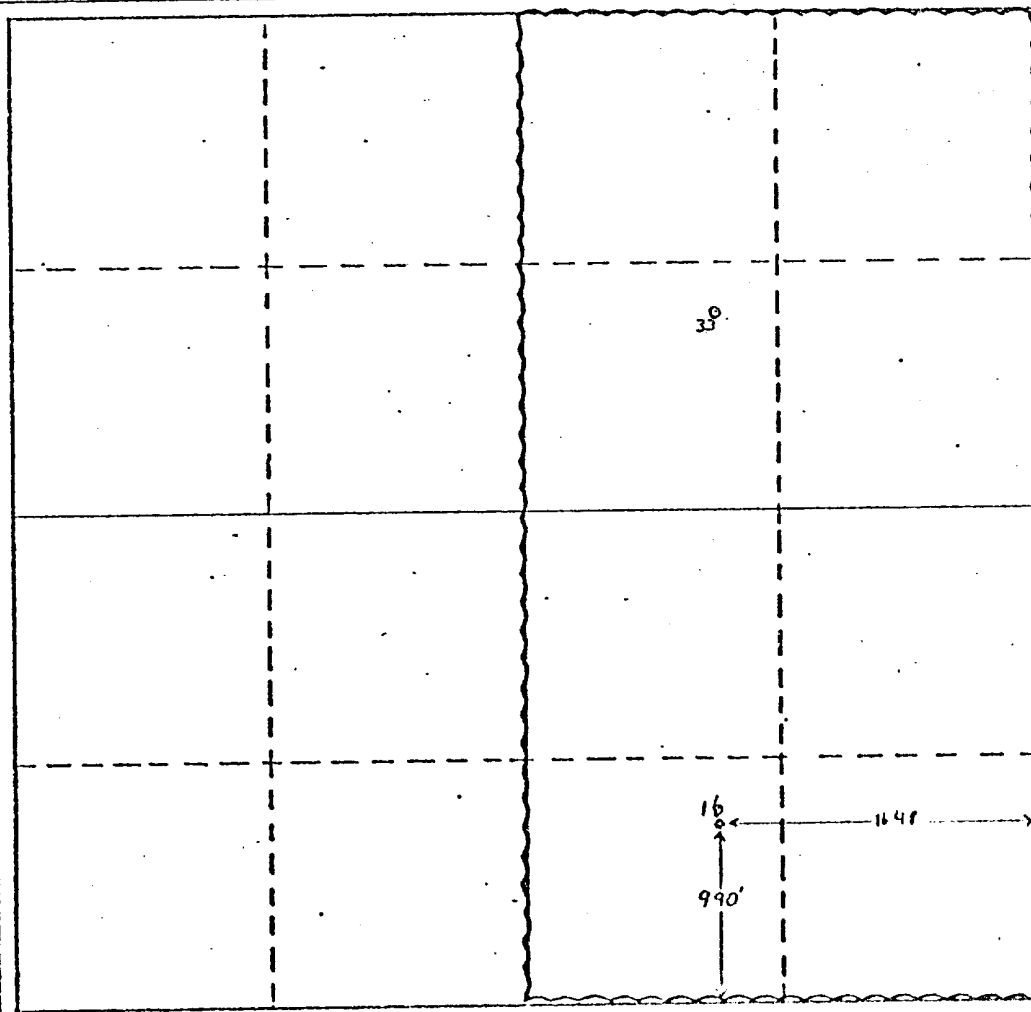
Operator Amoco Production Company		Lease South Mattix Unit		Well No. 16
Unit Letter 0	Section 15	Township 24-S	Range 37-E	County Lea
Actual Footage Location of Well:				
990' feet from the South line and		1648' feet from the East line		
Ground Level Elev. 3258 RDB	Producing Formation Tubb	Pool Fowler	Dedicated Acreage 320 Acres	

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?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

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.

Dennis Evans

Name
Asst. Admn. Analyst

Position
Amoco Production Company

Company
10-26-78

Date

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.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

0 360 720 1080 1440 1800 2160 2520 2640 2000 1500 1000 500 0

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 PAN AMERICAN PETROLEUM CORPORATION		Lease SOUTH MATIN UNIT FED		Well No. 16	
Unit Letter O	Section 15	Township 24-S	Range 37-E	County LEA	
Actual Footage Location of Well: 920' feet from the SOUTH line and 1648.43' feet from the EAST line					
Ground Level Elev: 3258' RDB	Producing Formation UPPER YESO		Pool FOWLER-UPPER YESO	Dedicated Acreage: 80 Acres	

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 _____

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.

<p>ORDER NO. 2-3987 APPLIES FOWLER LOWER YESO Pool AND CREATES FOWLER-UPPER YESO</p>	<p>CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p>	
	<p>Name _____</p> <p>Position AREA SUPERINTENDENT</p> <p>Company PAN AMERICAN PETROLEUM CORPORATION</p> <p>Date JUL 9 1970</p>	
<p>ORDER NO. 2-3987 APPLIES FOWLER LOWER YESO Pool AND CREATES FOWLER-UPPER YESO</p>	<p>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.</p>	
	<p>Date Surveyed _____</p> <p>Registered Professional Engineer and/or Land Surveyor _____</p> <p>Certificate No. _____</p>	

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JUL 13 1970

OIL CONSERVATION COMM.
HOBBS, N. M.

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 <i>San American Petroleum Corp.</i>		Lease <i>South Matter Unit #2</i>		Well No. <i>16</i>	
Unit Letter <i>0</i>	Section <i>15</i>	Township <i>24-S</i>	Range <i>37-E</i>	County <i>Lea</i>	
Actual Footage Location of Well: <i>1648.43'</i> feet from the <i>East</i> line and <i>990'</i> feet from the <i>South</i> line					
Ground Level Elev. <i>3258 R.D.B.</i>	Producing Formation <i>Lower Paddock</i>		Pool <i>Lower Paddock Gas</i>	Dedicated Acreage <i>320</i> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 _____

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

Original Signed By:

Position *V. E. STALEY*

Area Superintendent

Company

San American Petro Corp.

Date

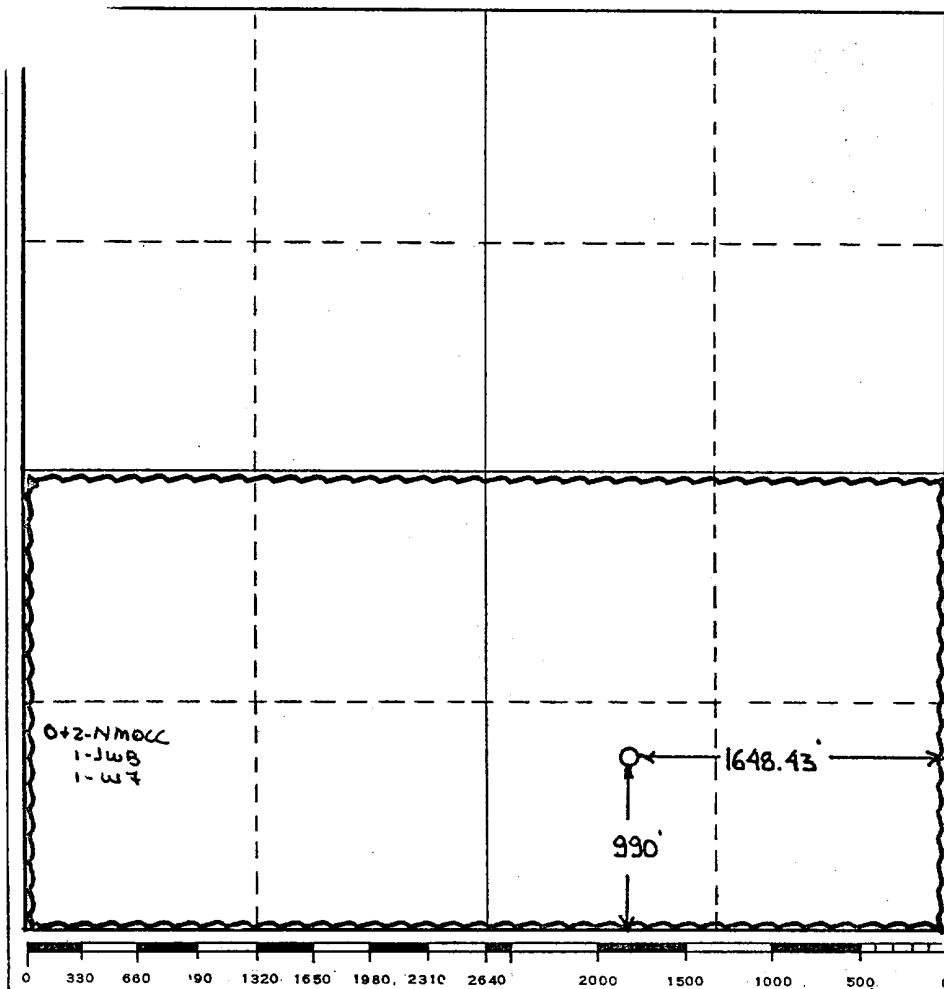
5-17-65

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.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.



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

FORM C-128
Revised 5/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

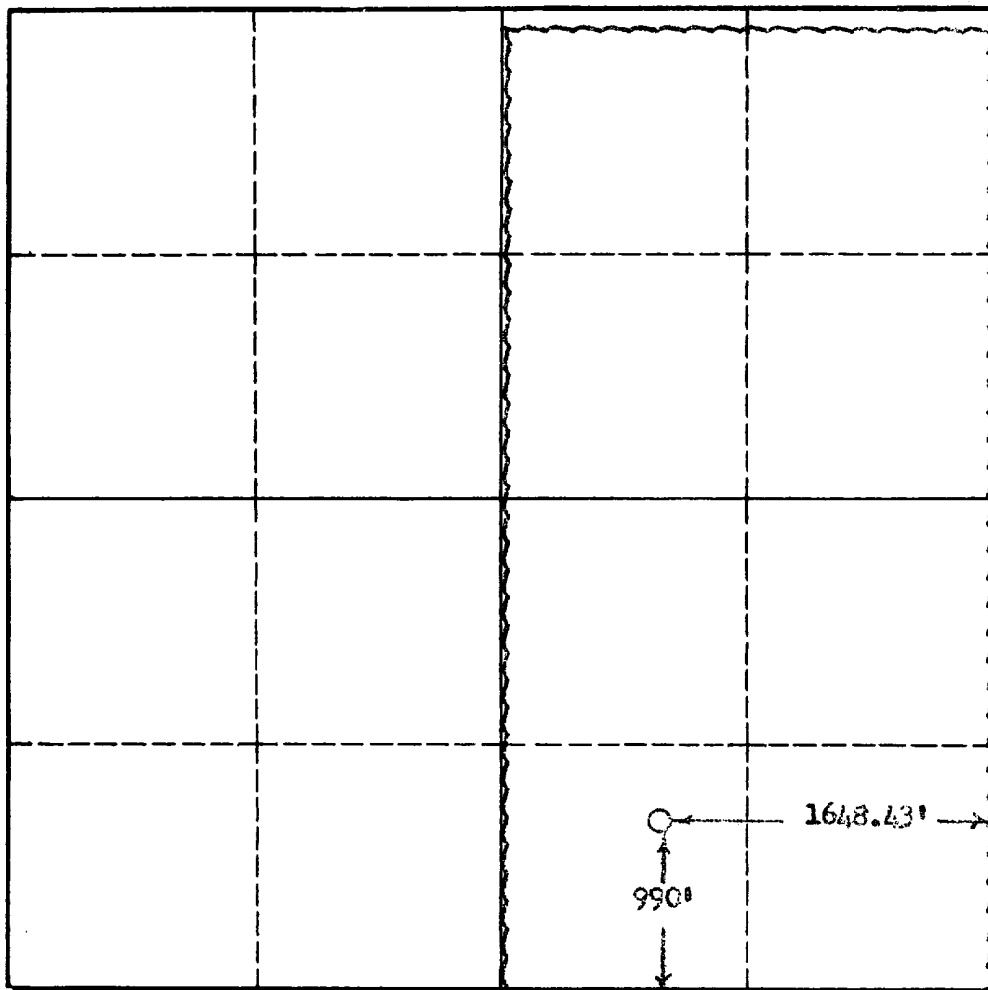
SECTION A

Operator Pan American Petroleum Corporation		Lease South Mattix Unit		Well No. 16
Unit Letter 0	Section 15	Township 24S	Range 37E	County Lea
Actual Footage Location of Well: 1648.43 feet from the East line and 990 feet from the South line				
Ground Level Elev. 3258' RDB	Producing Formation Tubb	Pool Fowler Tubb (Gas)	Dedicated Acreage: 320 Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ☐ . ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES ☐ NO ☐ . If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

CERTIFICATION

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

Name Original Signed By: V. E. STALEY
Position Area Superintendent
Company Pan American Petroleum Corp.
Date February 4, 1964

I hereby certify that the well location shown on the plat in SECTION B 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.

Date Surveyed
Registered Professional Engineer and/or Land Surveyor
Certificate No.

INSTRUCTIONS FOR COMPLETION OF FORM C-128

1. Operator shall furnish and certify to the information called for in Section A.
2. Operator shall outline the dedicated acreage for *both* oil and gas wells on the plat in Section B.
3. A registered professional engineer or land surveyor registered in the State of New Mexico or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
4. All distances shown on the plat must be from the outer boundaries of the Section.
5. If additional space is needed for listing owners and their respective interests as required in question 3 of Section A, please use space below.

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	GAS
PRODUCTION OFFICE	
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NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT
 SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

FORM C-
Revised 5/

MAY 5 8 57 AM '64

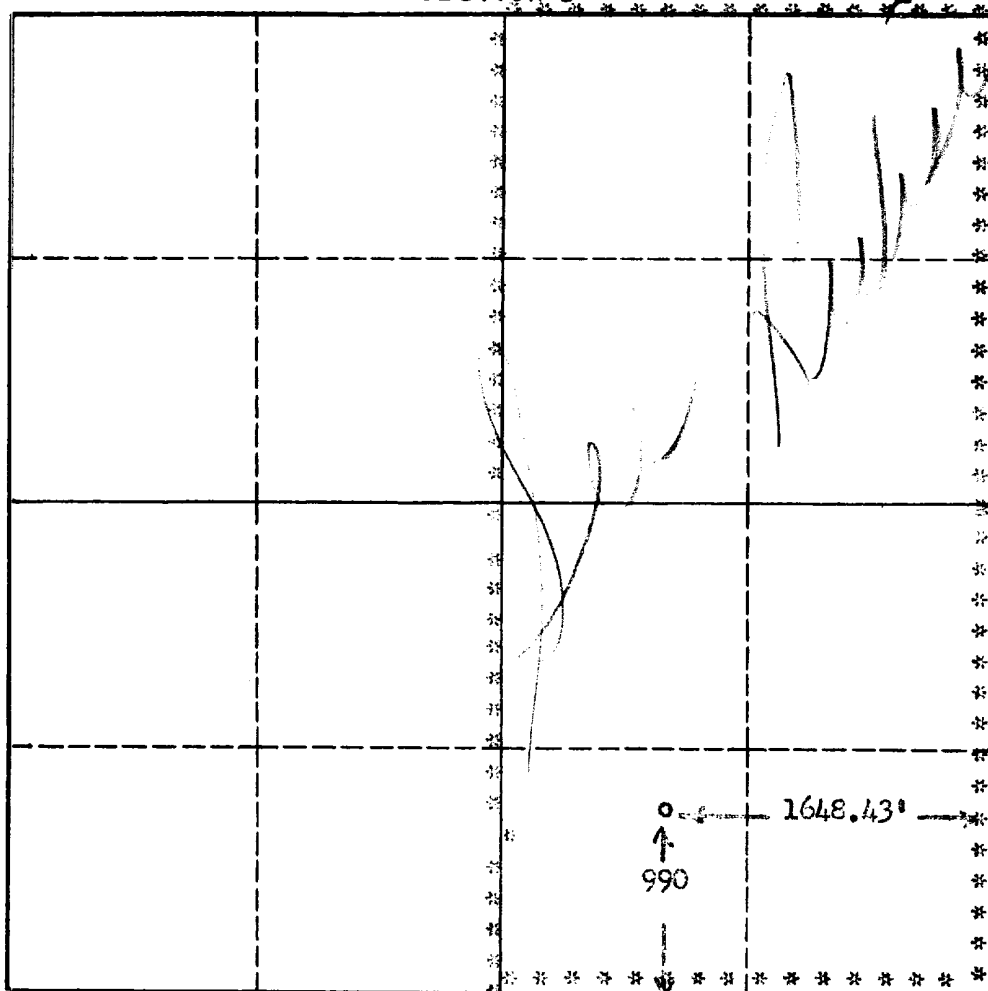
SECTION A

Operator Pan American Petroleum Corporation		Lease South Mattix Unit		Well No. 16
Unit Letter 0	Section 15	Township 24 South	Range 37 East	County Lea
Actual Footage Location of Well: 1648.43' feet from the East line and 990 feet from the South line				
Ground Level Elev. 5258' RDB	Producing Formation Lower Paddock	Pool Undesignated Paddock (Gas)	Dedicated Acreage: 320 Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ☐ ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES ☐ NO ☐ . If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B



CERTIFICATION

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

Name	Original Signed By: V. E. STALEY
Position	Area Superintendent
Company	Pan American Petroleum Corp.
Date	May 4, 1964

I hereby certify that the well location shown on the plat in SECTION B 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.

Date Surveyed	
Registered Professional Engineer and/or Land Surveyor	
Certificate No.	

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

INSTRUCTIONS FOR COMPLETION OF FORM C-128

1. Operator shall furnish and certify to the information called for in Section A.
2. Operator shall outline the dedicated acreage for *both* oil and gas wells on the plat in Section B.
3. A registered professional engineer or land surveyor registered in the State of New Mexico or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
4. All distances shown on the plat must be from the outer boundaries of the Section.
5. If additional space is needed for listing owners and their respective interests as required in question 3 of Section A, please use space below.

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PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT
 SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

FORM
Revised:

FEB 13 8 43 AM '64

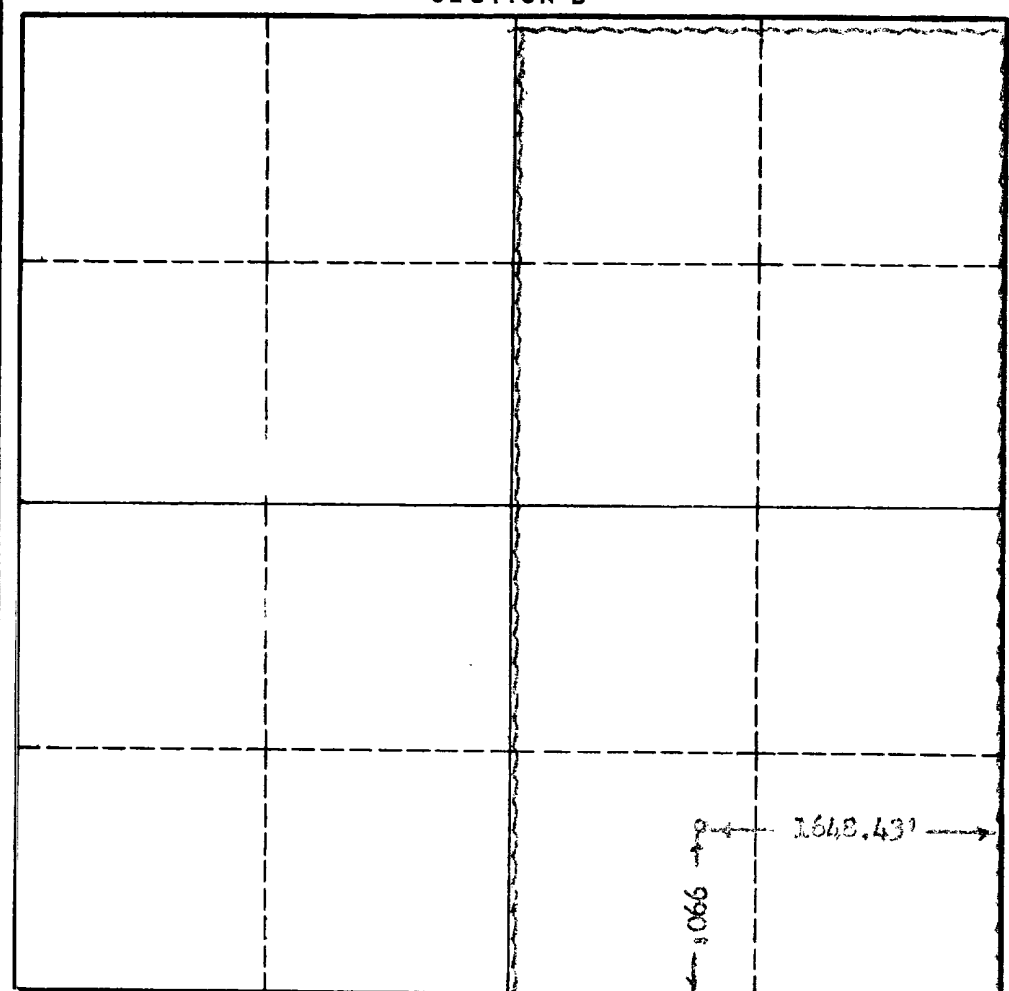
SECTION A

Operator Pan American Petroleum Corporation			Lease South Mattie Unit		Well No. 16
Unit Letter 0	Section 15	Township 24 South	Range 37 East	County Lea	
Actual Footage Location of Well: 1648.43 feet from the East line and 990 feet from the South line					
Ground Level Elev. 3258' RDB	Producing Formation Paddock		Pool Fowler Paddock	Dedicated Acreage: 320 Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ☐ . ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communization agreement or otherwise? YES ☐ NO ☐ . If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B



CERTIFICATION

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

Name Original Signed by: V. E. STALEY
Position Area Superintendent
Company Pan American Petroleum Corp.
Date December 17, 1963

I hereby certify that the well location shown on the plat in SECTION B 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.

Date Surveyed
Registered Professional Engineer and/or Land Surveyor
Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

INSTRUCTIONS FOR COMPLETION OF FORM C-128

1. Operator shall furnish and certify to the information called for in Section A.
2. Operator shall outline the dedicated acreage for *both* oil and gas wells on the plat in Section B.
3. A registered professional engineer or land surveyor registered in the State of New Mexico or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
4. All distances shown on the plat must be from the outer boundaries of the Section.
5. If additional space is needed for listing owners and their respective interests as required in question 3 of Section A, please use space below.