



Unit and Surrounding Area

EXHIBIT NO. A
CASE NO. 3591

**NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS**

C-116
Revised 1-1-65

Operator		Pool		County		Lea									
Anadarko Production Company		Langlie-Mattix													
Address				TYPE OF TEST - (X)		Completion ☐		Special ☒							
P. O. Box 9317, Fort Worth, Texas 76107				TEST		SCHEDULED		SPECIAL							
LEASE NAME		WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	T.B.G. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST		GAS - OIL RATIO		
			U	S	T	R					WATER BBL.S.	GRAV. OIL	OIL BBL.S.	GAS M.C.F.	CU.FT./BBL
Langlie-Mattix Penrose Sand Unit															
Tract 13E	6	G	27	22S	37E	2-26-65	P	-	3	24	0	36.7	2.57	4.3	1670
Tract 13E	6	G	27	22S	37E	6-27-67	P	-	3	24	0	36.9	8.51	TSTM	
Tract 18	1	M	26	22S	37E	2-8-62	P	-	4	24	0	37.4	3.4	7.1	2090
Tract 18	1	M	26	22S	37E	2-4-67	P	-	11	24	0	38.1	10.74	TSTM	
Tract 21	1	M	27	22S	37E	1-13-65	P	-	5	24	1.2	38.5	4.87	5.4	1100
Tract 21	1	M	27	22S	37E	3-21-67	P	-	5		6.0	38.7	35.41	TSTM	
Tract 23	1	P	28	22S	37E	3-4-65	P	-	4	24	0	38.1	2.57	12.8	5000
Tract 23	1	P	28	22S	37E	2-24-67	P	-	4	24	0	38.8	7.05	TSTM	
Tract 22	2	K	27	22S	37E	1-15-66	P	-	1	24	0	37.1	1.64	TSTM	-
Tract 22	2	K	27	22S	37E	3-1-67	P	-	0	24	0	37.4	5.21	TSTM	
Tract 34	1	G	33	22S	37E	2-2-65	P	-	1	24	0	36.7	.44	4.2	8650
Tract 34	1	G	33	22S	37E	7-15-66	P	-	1	24	0	36.7	1.75	TSTM	
Tract 35	1	B	33	22S	37E	1-6-65	P	-	2	24	0	36.4	1.78	TSTM	-
Tract 35	1	B	33	22S	37E	3-24-67	P	-	2	24	55.0	36.5	37.14	TSTM	

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

EXHIBIT "B"

Langlie-Mattix Penrose Sand Unit
Lea County, New Mexico
Production History Wells Responding to Water Injection

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

C. W. Stumhofer

C. W. Stumhofer

(Signature)

Superintendent Secondary Recovery Div.

May 3, 1967

(Title)

(Date)

BEFORE EXAMINER UTZ

OIL CONSERVATION COMMISSION

9/1 EXHIBIT NO. 3

CASE NO. 591

ANADARKO PRODUCTION COMPANY
 LANGLE-MATTIX PENROSE SAND UNIT
 LEA COUNTY, NEW MEXICO
 CASING AND CEMENTING RECORD
 OF WELLS TO BE CONVERTED TO INJECTION

TRACT NO. & WELL NO.	DATE OF COMPLETION	SURFACE CASING		SX. CMT.	LONG STRING CASING		TOP OF CEMENT	TOTAL DEPTH
		SIZE	DEPTH		SIZE	DEPTH		
9-1	12-13-59	8 5/8"	315	Circ.	5½	3715	2150	3746
13C-5	8-31-37	9 5/8	1123	250	7	3399	2070	3620
13C-7	3-29-39	16	114	65	7	3433	2005	3655
18-2	5-27-39	8 5/8	1135	100	7	3349	2095	3646
19-4	10-5-38	10	95	75	7	3360	2050	3635
		8 5/8	1140	150				
22-1	10-12-37	8 5/8	1167	500	7	3378	2080	3665
28-1	5-23-39	15½	135	100	7	3412	2105	3690
28-4	11-23-39	15½	114	100	7	3419	2095	3618
29-2	7-27-40	16	119	100	7	3424	2150	3682
31-1	11-25-56	9 5/8	251	200	6	3400	2025	3700
32-2	7-12-41	15	121	125	7	3402	2005	3681
33-1	2-12-39	15½	132	100	7	3395	2085	3691
35-3	5-25-40	15½	128	50	7	3395	2015	3680
38-1	7-25-57	8 5/8	1160	600	4½	3725	2075	3725
39-1	8-30-40	10 3/4	292	125	7	3412	1090	3616

EXHIBIT "D"

BEFORE EXAMINER UTZ
 OIL CONSERVATION COMMISSION
 EXHIBIT NO. 2
 CASE NO. 359

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.

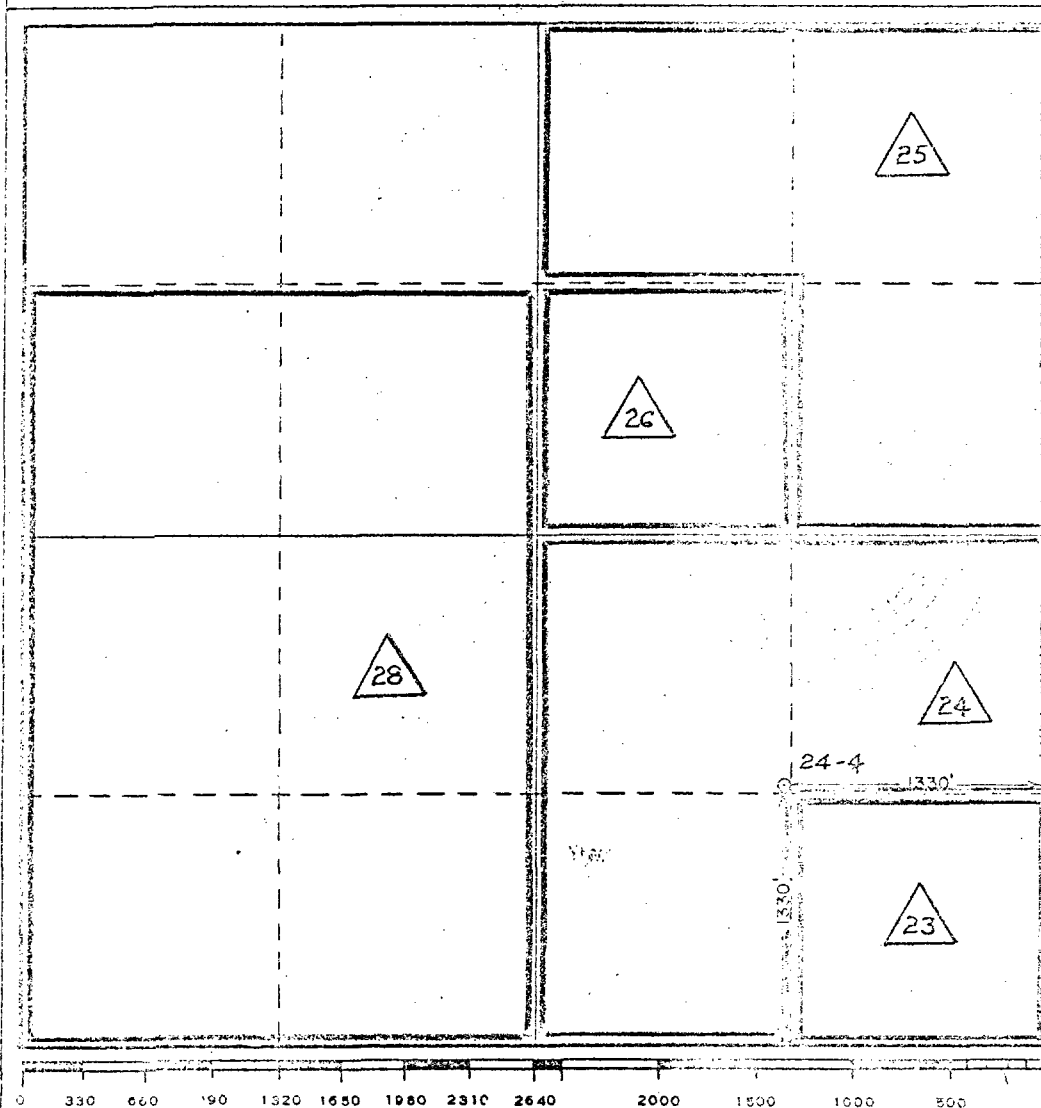
Operator ANADARKO PRODUCTION CO.		Lease LANGLIE-MATTIX PENROSE SAND UNIT		TR. No. 24	Well No. 4
Unit Letter J	Section 28	Township 22 SOUTH	Range 37 EAST	County LEA	
Actual Footage Location of Well: 1330 feet from the SOUTH line and 1330 feet from the EAST line					
Ground Level Elev. 3346.40	Producing Formation QUEEN	Pool LANGLIE-MATTIX	Dedicated Acreage: Unorthodox 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 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 C.W. Stumhoffer
C.W. Stumhoffer

Position
Superintendent Sec. Rec. Div.

Company
Anadarko Production Company

Date
May 3, 1967

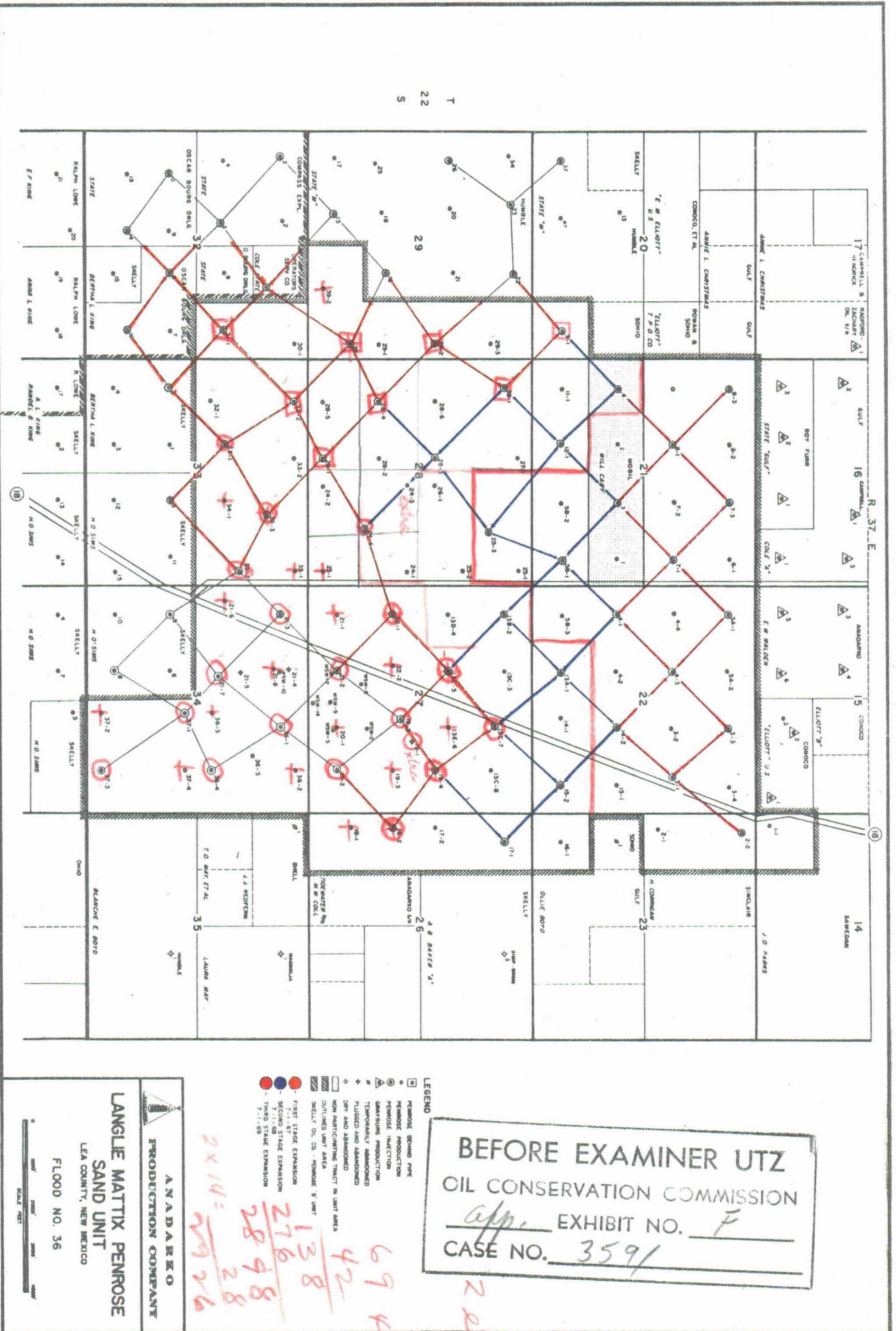
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

MAY 3, 1967

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. **676**



BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. F
CASE NO. 3591

- LEGEND
- PERMITS - SECOND PERMITS
 - △ PERMITS - FIRST PERMITS
 - PERMITS - THIRD PERMITS
 - ◇ PERMITS - FOURTH PERMITS
 - ◇ PERMITS - FIFTH PERMITS
 - ◇ PERMITS - SIXTH PERMITS
 - ◇ PERMITS - SEVENTH PERMITS
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 - ◇ PERMITS - NINTH PERMITS
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 - ◇ PERMITS - THIRTEENTH PERMITS
 - ◇ PERMITS - FOURTEENTH PERMITS
 - ◇ PERMITS - FIFTEENTH PERMITS
 - ◇ PERMITS - SIXTEENTH PERMITS
 - ◇ PERMITS - SEVENTEENTH PERMITS
 - ◇ PERMITS - EIGHTEENTH PERMITS
 - ◇ PERMITS - NINETEENTH PERMITS
 - ◇ PERMITS - TWENTIETH PERMITS
 - ◇ PERMITS - TWENTY-FIRST PERMITS
 - ◇ PERMITS - TWENTY-SECOND PERMITS
 - ◇ PERMITS - TWENTY-THIRD PERMITS
 - ◇ PERMITS - TWENTY-FOURTH PERMITS
 - ◇ PERMITS - TWENTY-FIFTH PERMITS
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 - ◇ PERMITS - SIXTIETH PERMITS
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 - ◇ PERMITS - SIXTY-FOURTH PERMITS
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 - ◇ PERMITS - EIGHTY-THIRD PERMITS
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 - ◇ PERMITS - EIGHTY-FIFTH PERMITS
 - ◇ PERMITS - EIGHTY-SIXTH PERMITS
 - ◇ PERMITS - EIGHTY-SEVENTH PERMITS
 - ◇ PERMITS - EIGHTY-EIGHTH PERMITS
 - ◇ PERMITS - EIGHTY-NINTH PERMITS
 - ◇ PERMITS - NINETY PERMITS
 - ◇ PERMITS - NINETY-FIRST PERMITS
 - ◇ PERMITS - NINETY-SECOND PERMITS
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 - ◇ PERMITS - NINETY-EIGHTH PERMITS
 - ◇ PERMITS - NINETY-NINTH PERMITS
 - ◇ PERMITS - HUNDRED PERMITS

ANADARKO
PRODUCTION COMPANY
LANGLE MATTIX PENROSE
SAND UNIT
LEA COUNTY, NEW MEXICO
FLOOD NO. 36
EXHIBIT F
PROPOSED EXPANSION
Langle - Mattix Penrose Sand Unit
LEA COUNTY, NEW MEXICO
Showing
Proposed Complete Waterflood Development

2x14 = 28
270/88
28928
69405
220000

R 37 E

T
22
S

T
21
S

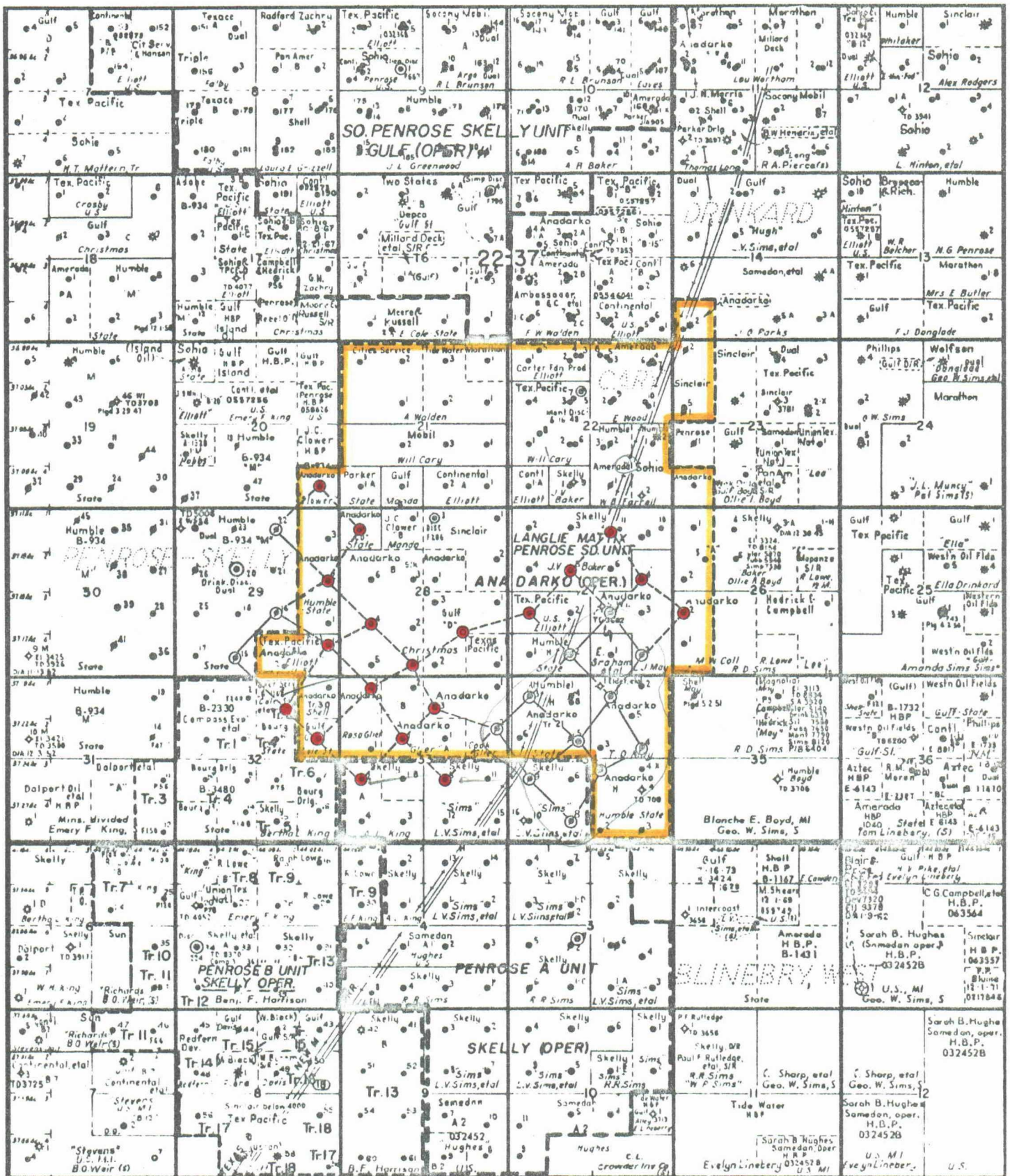


EXHIBIT "A"

PROPOSED EXPANSION

Langlie-Matrix Penrose Sand Unit

Lea County, New Mexico

Showing

Unit and Surrounding Area

- Present Injection Wells
- Stage I - Injection Wells 7-1-67

3591

**NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS**

C-116
Revised 1-1-65

Operator		Pool		County		Lea									
Anadarko Production Company		Langlie-Mattix													
Address P. O. Box 9317, Fort Worth, Texas 76107				TYPE OF TEST - (X)		Completion ☐ Special ☒									
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU. FT./BBL.	
		U	S	T						R	WATER BDLs.	PROD. OIL BBLs.	GAS M.C.F.		
Langlie-Mattix Penrose Sand Unit															
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EXHIBIT "B"

Langlie-Mattix Penrose Sand Unit
Lea County, New Mexico
Production History Wells Responding to Water Injection

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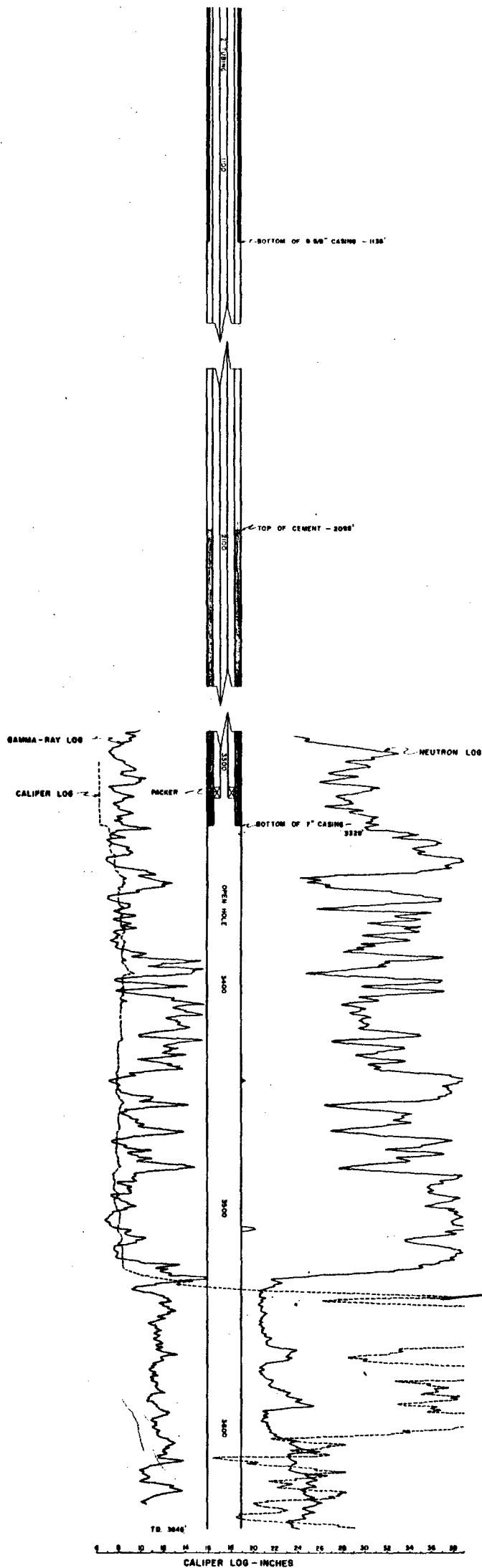
C. W. Stumhofer

C. W. Stumhofer
(Signature)

Superintendent Secondary Recovery Div.

May 3, 1967

(Date)



3550

	ANADARKO PRODUCTION COMPANY
	EXHIBIT "C" TYPICAL OPEN HOLE COMPLETION WATER INJECTION WELL LANOLIE MATTIX PENROSE SAND UNIT LEA COUNTY, NEW MEXICO

ANADARKO PRODUCTION COMPANY
 LANGLEE-MATTIX PENROSE SAND UNIT
 LEA COUNTY, NEW MEXICO
 CASING AND CEMENTING RECORD
 OF WELLS TO BE CONVERTED TO INJECTION

TRACT NO. & WELL NO.	DATE OF COMPLETION	SURFACE CASING			LONG STRING CASING			TOP OF CEMENT	TOTAL DEPTH
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38-1	7-25-57	8 5/8	1160	600	4 1/2	3725	300	2075	3725
39-1	8-30-40	10 3/4	292	125	7	3412	550	1090	3616

7 D number 24 204/16

31
 221
 222
 217
 275
 289
 278
 149
 258
 300
 279
 294
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 204