

SHELL OIL COMPANY
PROPOSED WATERFLOOD IN THE LANGLE MATTX FIELD
INJECTION WELL DETAIL

Proposed Injection Well	Location Unit-S-T-R	Distance Feet	Casing Detail (1)			Est. Vertical Limit		
			Approx. Depth Feet	Size In.	Cmt. Cx.	Est. Cmt. Top (2)	Top (100' Above Langlie Mattx Seven Rivers Base)	Bottom (Base of the Queen
Shell WIW No. 4	N-21-24-37	20 FSL 1340 FWL	250 3740	7 5/8 4 1/2	250 150	Surface (3) 2500	3740 3415 3370	3740 3470 3730
Shell WIW No. 5	N-21-24-37	1300 FSL 1340 FWL	250 3685	7 5/8 4 1/2	250 150	Surface (3) 2500	3685 3360 3315	3685 3415 3675
Shell WIW No. 6	O-21-24-37	1300 FSL 2660 FWL	250 3635	7 5/8 4 1/2	250 150	Surface (3) 2500	3635 3310 3265	3635 3365 3625
Shell WIW No. 7	J-21-24-37	2620 FSL 2660 FWL	250 3570	7 5/8 4 1/2	250 150	Surface (3) 2500	3570 3245 3200	3570 3300 3560

- (1) The Top of the Red Beds in this area is approximately 200 feet.
 (2) The Top of the Yates in this area is approximately 2570 feet.
 (3) Cement circulated.

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
Shell EXHIBIT NO. 3
CASE NO. 3081

WATERFLOOD HEARING EXHIBIT

3263 ¹⁴C 

Continental
H B P.

"Holt"
State

Pan American
"D"

T
24
S

U. S.

R-37-E

Pan American
"Meyer"
"B"

Texaco

Sinclair

Sinclair

Pan American
"C. Meyer"
A

22-

Skelly
"E. T. Johns"

Shell - N.M. 23
120 Ac. P.D.S.

Jamison

Jamison

G.L. Buckles

G.L. Buckles

J.A.E. Knight

J. A. E. Knight

Continental
"Jack"

El Paso Nat. Gas Co. Gas Rights

J. F. Black

Gulf

Kenwood Oil Co.

"WOOLWORTH UNIT"
AMERADA OPERATED

Pan American

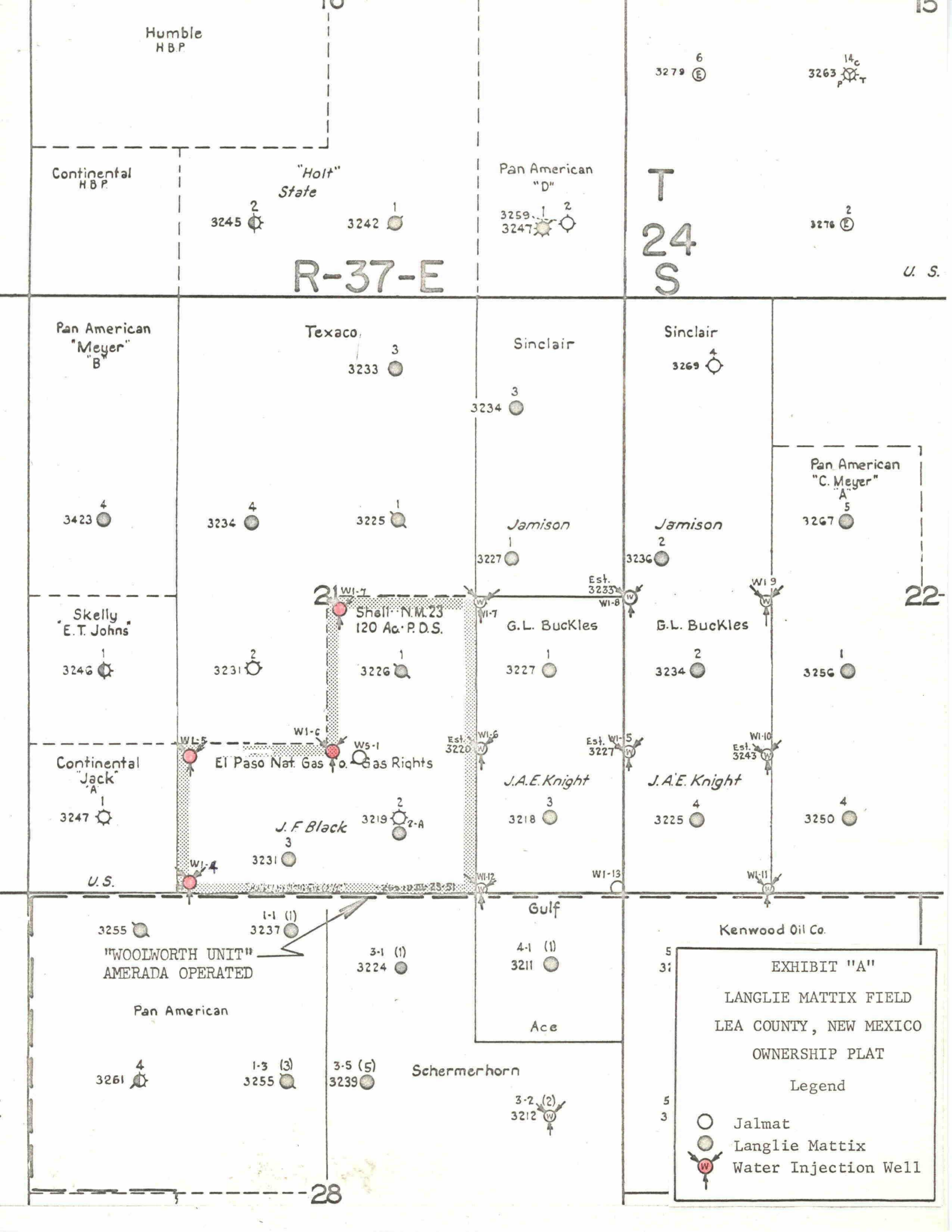
Schermerhorn

EXHIBIT "A"

LANGLIE MATTIX FIELD
LEA COUNTY, NEW MEXICO
OWNERSHIP PLAT

Legend

Jalmat
Langlie Mattix
Water Injection Well



Humble
HBP

3279 6
E

3263 14c
P-T

Continental
HBP

"Holt"
State

Pan American
"D"

T
24
S

3276 2
E

U. S.

R-37-E

Pan American
"Meyer"
B

Texaco

Sinclair

Sinclair

3269 4
W

3233 3
W

3234 3
W

3423 4
W

3234 4
W

3225 1
W

Jamison

Jamison

Pan American
"C. Meyer"
A
3267 5
W

22-

Skelly
"E.T. Johns"

3246 1
W

3231 2
W

3226 1
W

G.L. Buckles

G.L. Buckles

3256 1
W

21
Shall N.M. 23
120 Ac. P.D.S.

WI-7

Est. 3233
WI-8

WI-9

Continental
"Jack"
A

3247 1
W

WL-5

WI-6

W5-1
Gas Rights

Est. 3220
WI-6

Est. WI-5
3227

Est. WI-10
3243

El Paso Nat. Gas Co.

J.A.E. Knight

J.A.E. Knight

3250 4
W

J.F. Black

3219 2-A
W

3218 3
W

3225 4
W

U.S.

WI-4

3231 3
W

WI-12

WI-13

WI-11

3255 1-1 (1)
W

3237 3-1 (1)
W

3224 3-5 (5)
W

Gulf

4-1 (1)
3211 W

Ace

Kenwood Oil Co.

"WOOLWORTH UNIT"
AMERADA OPERATED

Pan American

3261 4
W

1-3 (3)
3255 W

3-5 (5)
3239 W

Schermerhorn

3-2 (2)
3212 W

EXHIBIT "A"
LANGLIE MATTIX FIELD
LEA COUNTY, NEW MEXICO
OWNERSHIP PLAT

Legend

○ Jalmat
● Langlie Mattix
● Water Injection Well

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