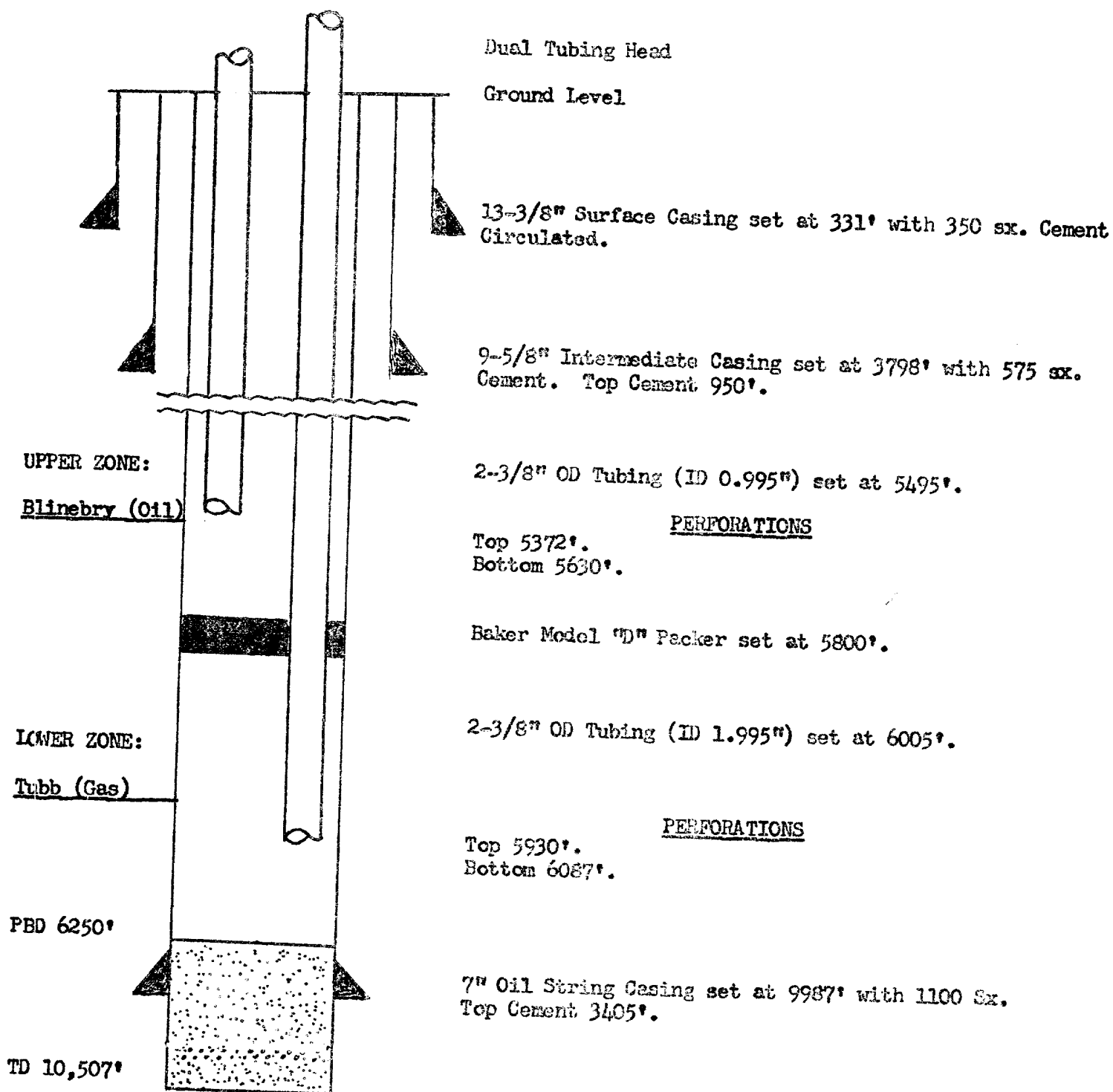
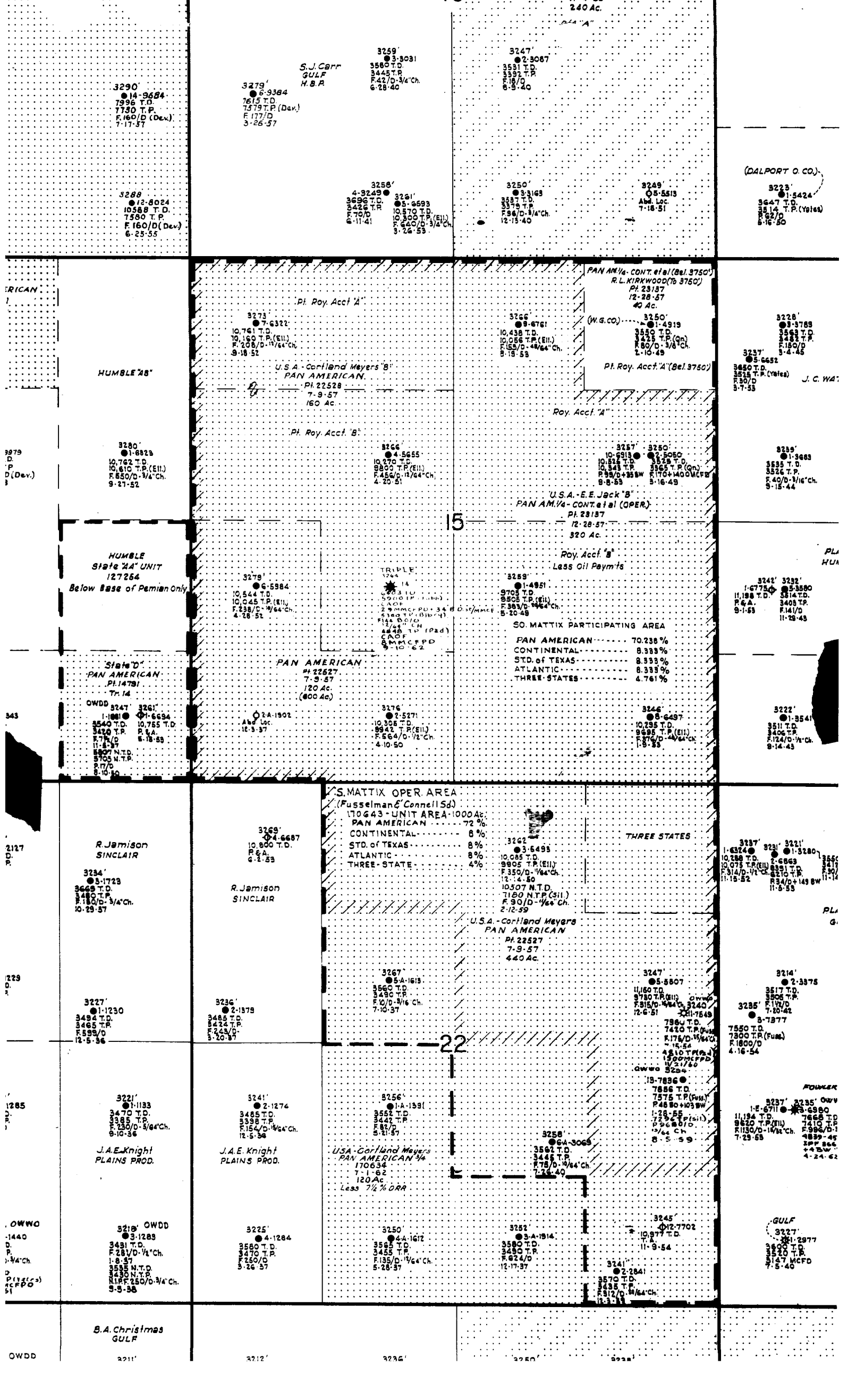




PAN AMERICAN PETROLEUM CORPORATION

DIAGRAMMATIC SKETCH - DUAL COMPLETION

Lease Name and Well No. - South Mattix Unit Well No. 3 (B-22-24-37)



3290' 14-9684 7996 T.D. 7730 T.P. F.160/D (Dev.) 7-17-57

3288 12-8024 10588 T.D. 7560 T.P. F.160/D (Dev.) 6-25-55

3279' 6-9384 7615 T.D. 7579 T.P. (Dev.) F.177/D 3-26-57

S.J. Carr GULF H.B.A.

3259' 3-3031 3580 T.D. 3445 T.P. F.42/D-3/4" Ch. 6-28-40

3256' 4-3249 3698 T.D. 3426 T.P. F.70/D 6-11-41

3261' 5-6593 10570 T.D. 10500 T.P. (EII) F.42/D-3/4" Ch. 3-26-53

3247' 2-3087 3531 T.D. 3397 T.P. F.18/D 6-9-40

3250' 3-3163 3572 T.D. 3372 T.P. F.56/D-3/4" Ch. 12-15-40

3249' 5-5513 3647 T.D. 3514 T.P. (Yel) F.18/D 7-18-51

3223' 1-5424 3647 T.D. 3514 T.P. (Yel) F.18/D 7-18-51

(DALPORT O. CO.)

3223' 1-5424 3647 T.D. 3514 T.P. (Yel) F.18/D 7-18-51

HUMBLE 28'

3280' 1-6823 10762 T.D. 10610 T.P. (EII) F.650/D-3/4" Ch. 9-27-52

Pl. Roy. Acct. A

3273' 7-6322 10761 T.D. 10160 T.P. (EII) F.208/D-11/64" Ch. 9-18-52

U.S.A. - Cortland Meyers "B" PAN AMERICAN

Pl. 22528 7-9-57 160 Ac.

Pl. Roy. Acct. B

3276' 4-5655 10438 T.D. 10066 T.P. (EII) F.153/D-41/64" Ch. 9-19-53

PAN AM 1/4 - CONT. et al (Bel. 3750') R.L. KIRKWOOD (76 3750') Pl. 23137 12-28-57 40 Ac.

(W.G.CO.)

3250' 1-4919 3550 T.D. 3425 T.P. (Qn) F.80/D-3/8" Ch. 2-10-49

Pl. Roy. Acct. A (Bel. 3750')

3257' 3250' 10-6913 10570 T.D. 10543 T.P. (Qn) F.39/D-35SW F.170+1400M/F 9-8-53 9-16-49

U.S.A. - E.E. Jack "B" PAN AM 1/4 - CONT. et al (OPER) Pl. 23137 12-28-57 320 Ac.

Roy. Acct. B Less Oil Payments

3228' 3-3785 3563 T.D. 3483 T.P. F.150/D 9-4-45

3237' 5-6652 3650 T.D. 3525 T.P. (Yel) F.30/D 9-7-53

J. C. WA

3239' 1-3683 3535 T.D. 3526 T.P. F.40/D-1/16" Ch. 9-15-44

HUMBLE State 24 UNIT 127254 Below Base of Permian Only

State D PAN AMERICAN Pl. 14791 Tr. 14

OWDD 3247' 3261' 1-1081 1-6694 3540 T.D. 10755 T.D. 3470 T.P. P.A. F.71/D 11-8-37 8900 N.T.D. 5700 N.T.P. P.7/D 8-10-50

3279' 6-5984 10544 T.D. 10045 T.P. (EII) F.238/D-11/64" Ch. 4-28-52

TRIPLE 1244 14 5900 T.P. (EII) F.45/D-11/64" Ch. 4-20-51

PAN AMERICAN Pl. 22627 7-9-57 120 Ac. (800 Ac.)

3276' 7-5271 10305 T.D. 9942 T.P. (EII) F.564/D-1/2" Ch. 4-10-50

SO. MATTIX PARTICIPATING AREA

PAN AMERICAN 70.238 %

CONTINENTAL 8.333 %

STD. OF TEXAS 8.333 %

ATLANTIC 8.333 %

THREE STATES 4.761 %

3246' 8-6497 10235 T.D. 9895 T.P. (EII) F.376/D-41/64" Ch. 1-9-53

3242' 3239' 1-6775 1-3580 11198 T.D. 3514 T.D. P.A. 3403 T.P. 9-1-53 11-12-43

3222' 1-3541 3511 T.D. 3406 T.P. F.124/D-1/4" Ch. 9-14-43

PLA HUN

R. Jamison SINCLAIR

3234' 3-1723 3665 T.D. 3385 T.P. F.130/D-3/4" Ch. 10-29-57

3227' 1-1230 3494 T.D. 3465 T.P. F.599/D 12-5-56

S. MATTIX OPER AREA (Fusselman & Connell 15d) 170643 UNIT AREA-10000 Ac.

PAN AMERICAN 72 %

CONTINENTAL 8 %

STD. OF TEXAS 8 %

ATLANTIC 8 %

THREE STATE 4 %

3269' 4-6687 10800 T.D. P.A. 6-2-53

R. Jamison SINCLAIR

3236' 2-1379 3485 T.D. 3424 T.P. F.243/D 9-10-57

THREE STATES

3242' 3-6493 10085 T.D. 9805 T.P. (EII) F.350/D-1/4" Ch. 12-1-40

10507 N.T.D. 7180 N.T.P. (EII) F.90/D-1/4" Ch. 2-12-59

U.S.A. - Cortland Meyers PAN AMERICAN Pl. 22527 7-9-57 440 Ac.

3247' 5-5807 11180 T.D. 9780 T.P. (EII) F.315/D-44" Ch. 3240 12-6-51

OWDD 3224' 13-7836 7856 T.D. 7575 T.P. (Fum) F.4880+103SW 1-28-55

7296 T.P. (EII) F.968/D-1/4" Ch. 8-5-59

3237' 3231' 1-6324 1-3280 10288 T.D. 9895 T.D. 3411 T.P. F.314/D-1/4" Ch. 11-15-52 11-5-53

3214' 2-3375 3517 T.D. 3506 T.P. F.112/D 7-10-42

3235' 3-7877 7550 T.D. 7800 T.P. (Fum) F.1800/D 4-16-54

PLA G.

J.A.E. Knight PLAINS PROD.

3221' 1-1133 3470 T.D. 3385 T.P. F.130/D-3/4" Ch. 9-10-56

OWDD 1440 D. P. 1/4" Ch. 51

3219' OWDD 3-1289 3431 T.D. F.28/D-1/4" Ch. 1-8-57

3535 N.T.D. 3430 N.T.P. N.I.P.F. 250/D-3/4" Ch. 5-5-58

J.A.E. Knight PLAINS PROD.

3241' 2-1274 3485 T.D. 3398 T.P. F.154/D-1/4" Ch. 12-5-56

U.S.A. - Cortland Meyers PAN AMERICAN 1/4 170634 7-1-62 120 Ac. Less 7 1/2 % O.R.R.

3256' 1-1131 3552 T.D. 3447 T.P. F.47/D 5-31-57

3250' 4-1612 3589 T.D. 3450 T.P. F.135/D-1/4" Ch. 5-26-57

3258' 3-3065 3582 T.D. 3445 T.P. F.75/D-1/4" Ch. 7-16-40

3245' 4-127702 10977 T.D. 11-9-54

3241' 2-2841 3570 T.D. 3430 T.P. F.312/D-1/4" Ch. 11-3-55

FOUNDER

3237' 3235' OWV 1-6711 1-6380 11194 T.D. 9620 T.P. (EII) F.1130/D-11/64" Ch. 7-29-53

3227' 3-2977 3590 T.D. 3547 T.P. F.540 4-24-62

GULF

B.A. Christmas GULF

OWDD 3211'

3212'

3236'

3220'