Case No
3082

Large Exhibits

N.M.O.C.D. MICROGRAPHICS

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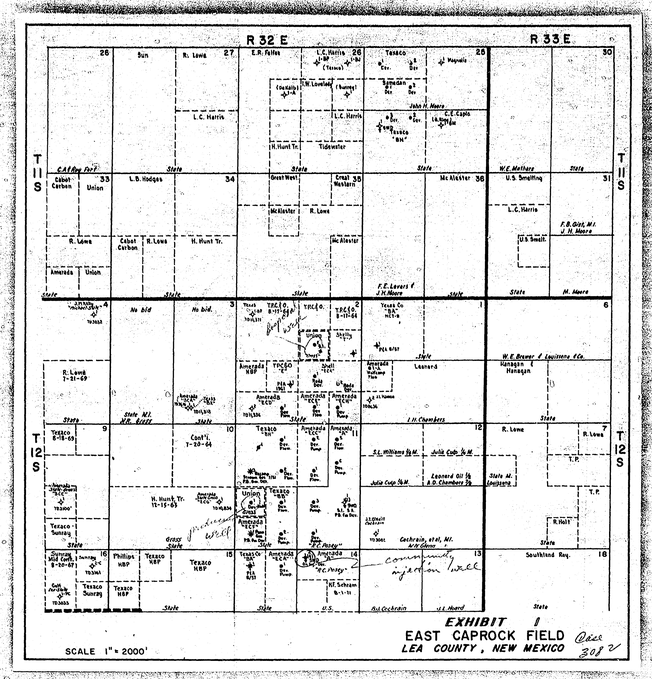


EXHIBIT 1
EAST CAPROCK FIELD
LEA COUNTY, NEW MEXICO

W.N.M.O.F. MICROGRAPHICS
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A

Bore hole of original hole based on directional survey of bottom hole location.

Union # 2 State Gross
Elev. 4360 K.B.

Shell #1-ECA State
Elev. 4361 K.B.Est.

Amerada #1-ECE State
Elev. 4361 K.B.Est.

Amerada #2-ECC State
Elev. 4358 K.B.Est.

Amerada #1-ECC State
Elev. 4363 K.B.Est.

Amerada # 3-A
Elev. 4359 K.B.

-6500'
-6600'
-6700'
-6800'
-6900'

275'
1105'
1320'
1320'
1320'
1320'

TOP DEVONIAN

Log of original hole.
Entire log displaced due to scale.

T.D. 11,233' (Directional Hole.)
11,239' (True Vertical Depth)

I.P.F. 334 BOPD, 1"choke, GOR 10, Grav. 43.4°
T.P. 560 # 7-15-53.
4-16-54 (P.B. 11,240') 323 BOPD+30 % wtr.
2" pump, IL-1206" SPM, GOR 1537M.

Side track hole — disregard log depths.
Log placed at true vertical depth of T.D. 11,293'= (11,259'(-8899') (Log) (True vertical depth)

DST 11,057'-11,230'(15'-45") Rec. 180 mdy. 100' HOCM. FP 1950 #, SIP(30") 4000 #

T.D. 11,230'

I.P.F. 1112 BOPD, 30/64" choke, GOR 30, Grav. 43.3° T.P. 500 # 1-3-54
1-18-54 (P.B. 11,167') I.P.F. 235 BOPD, No wtr.
(Production before: 150 BO +335 BWPD pumping.)
2-24-55 Installed submersible pump I.P.P. 200 BO +556 BWPD. (Production before: 85 BO, No wtr. pumping.)

-6930' Original Oil/Water Contact

T.D. 11,238'

I.P.F. 1331 BOPD, 1/4" choke, GOR 17, Grav. 46°
T.P. 500 # 8-16-52
3-24-53 Vacuumized. I.P.F. 232 BO + 681 BWPD
(Production before: 124 BO +463 BWPD pumping)
8-16-53 (P.B. 11,127') I.P. 248 BO, No Wtr.
(Production before: 201 BO +635 BWPD pumping.)

T.D. 11,228'

I.P.F. 1072 BOPD, 16/64" choke, GOR 10, Grav. 41.1°
T.P. 560 # 3-21-53.
3-21-55 (P.B. 11,170') I.P.F. 250 BOPD, No wtr.
(Production before: 108 BO + 1199 BWPD pumping.)
7-21-56 (P.B. 11,140') I.P.F. 286 BO, No wtr.
(Production before: 1211 BO + 824 BWPD pumping.)
2-21-63 (Unsqueezed) I.P.F. 154 BO + 98 BWPD
(Production before: 138 BO + 764 BWPD pumping.)
5-31-63 (P.B. 11,045') I.P.F. 265 BOPD, No wtr.
(Production before: 182 BO + 128 BWPD pumping.)

DST 11,000'-11,090' (5'-45") 3000" WB WSTS 1"-40", 075 S'SC. FP 1140 #, SIP(30") 3780 #

DST 11,070'-11,250'(15'-45") 3000" WB WSTS 1"-40", 075 S'SC. FP 1140 #, SIP(30") 3780 #

T.D. 11,360'

I.P.F. 521 BOPD, 12/64" choke, GOR 20, Grav. 42.8°
T.P. 515 # 11-21-51.
4-15-52 (P.B. 11,157') I.P.F. 190 BO, No wtr.
(Production before: 89 BO + 860 BWPD pumping.)
11-15-61 (P.B. 11,095') I.P.F. 22 BO, No wtr.
(Production before: 128 BO + 553 BWPD pumping.)

DST 11,110'-11,240'(5'-45") 3000" WB WSTS 45", 075 S'-40", FP 1050 #-1400#, SIP(15") 4415 #

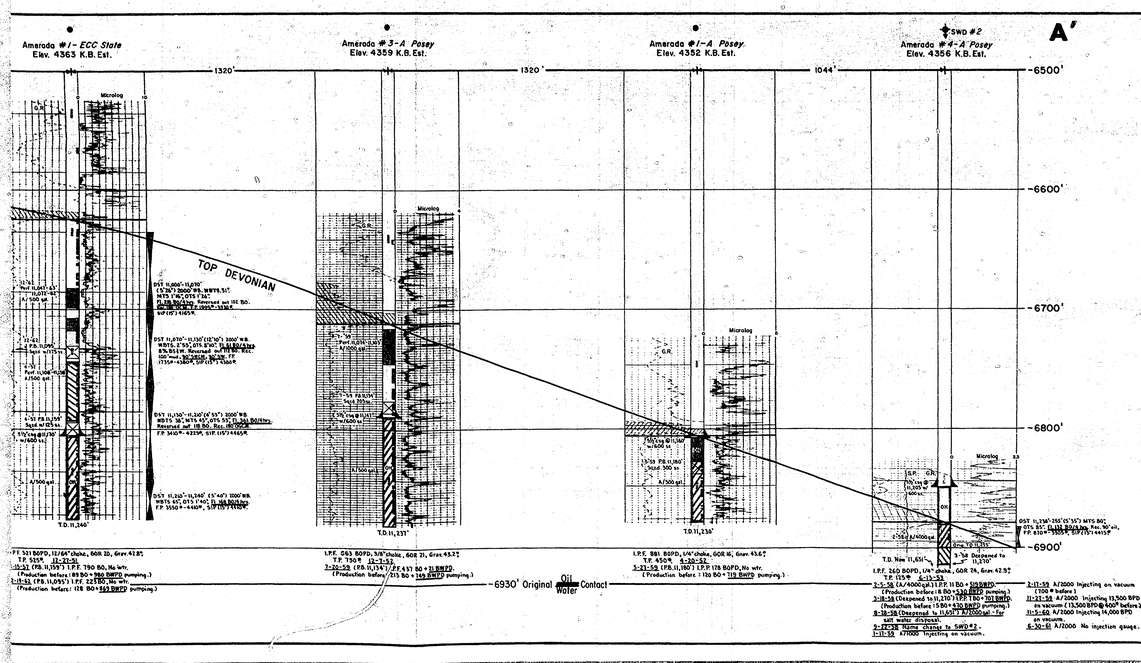
DST 11,150'-11,240'(5'-45") 3000" WB WSTS 50", 075 S'-40", FP 1050 #-1400#, SIP(15") 4415 #

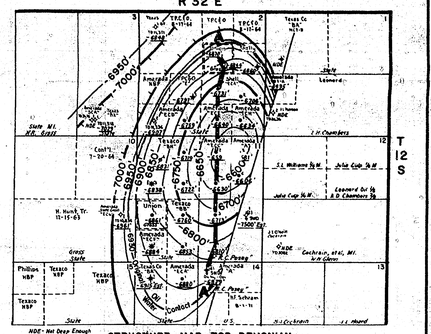
T.D. 11,231'

I.P.F. 861 BOPD, 3/8" choke, GOR
T.P. 750 #
12-1-51
1-24-55 (P.B. 11,174') I.P.F. 457
(Production before: 215 BO +

W.N.M.C.P. MICROGRAPHICS

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STRUCTURE MAP TOP DEVONIAN
C.I. = 50'
SCALE 1" = 2000'

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
APPX EXHIBIT NO. 8
CASE NO. 3082

GEOLOGICAL ENGINEERING DEPT.

UNION OIL COMPANY OF CALIFORNIA
CENTRAL DIVISION - MIDLAND, TEXAS

EAST CAPROCK DEVONIAN FIELD

LEA COUNTY, NEW MEXICO

NORTH-SOUTH CROSS SECTION A-A'

BY MARVIN L. ZOLLER
VERTICAL SCALE 1" = 40'
HORIZONTAL SCALE 1" = 200'
DATE 7-15-64

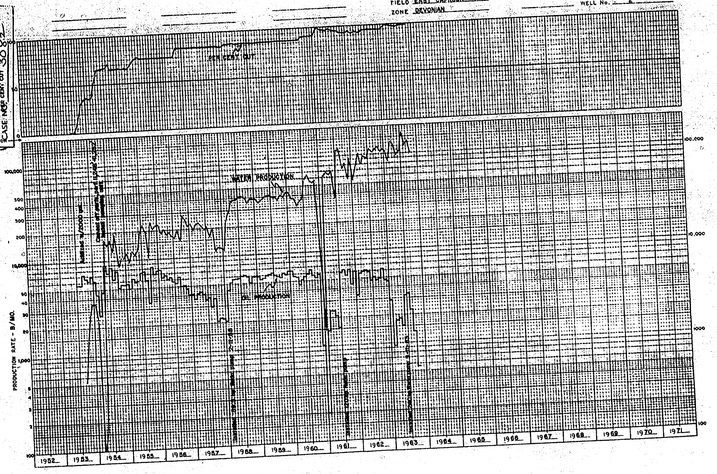
EXHIBIT No. 8

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EXHIBIT 5

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
CASE NO. 6921 EXHIBIT NO. 5
CASE HEARD ON MAR 30 '82

FIELD EAST CAPROCK
ZONE DEVONIAN
PERFS.
LEASE UNION STATE GROSS
WELL NO. 2



FORM 1910 3M

W.N.M.C.P. MICROGRAPHICS
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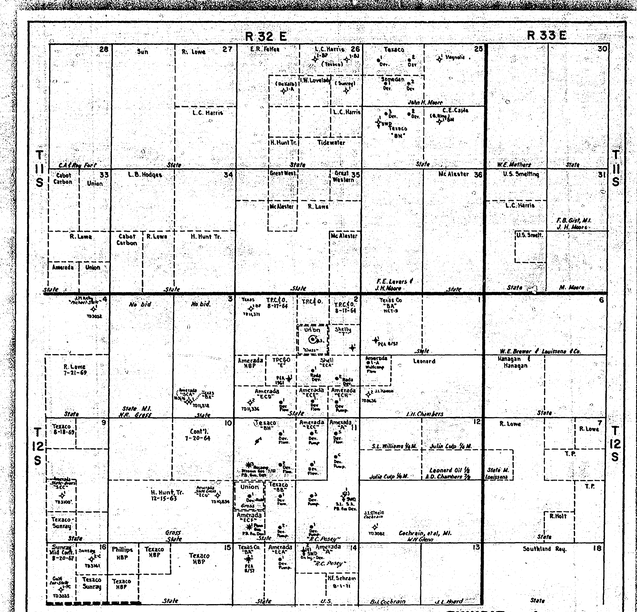
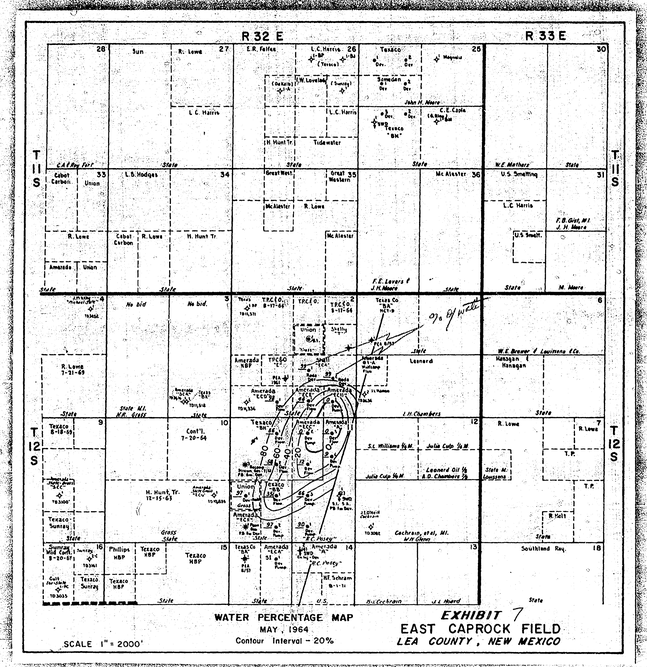


EXHIBIT 1
EAST CAPROCK FIELD
LEA COUNTY, NEW MEXICO

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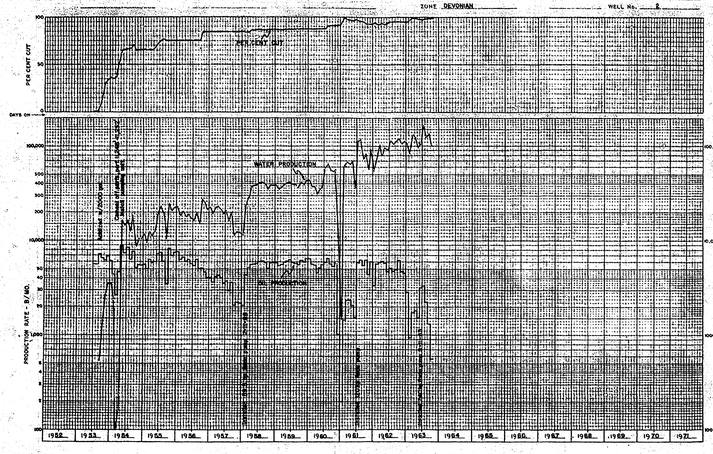
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EXHIBIT 5

PERFS. _____

FIELD EAST CARROCK LEASE UNION STATE GROSS

ZONE DEVONIAN WELL No. 2

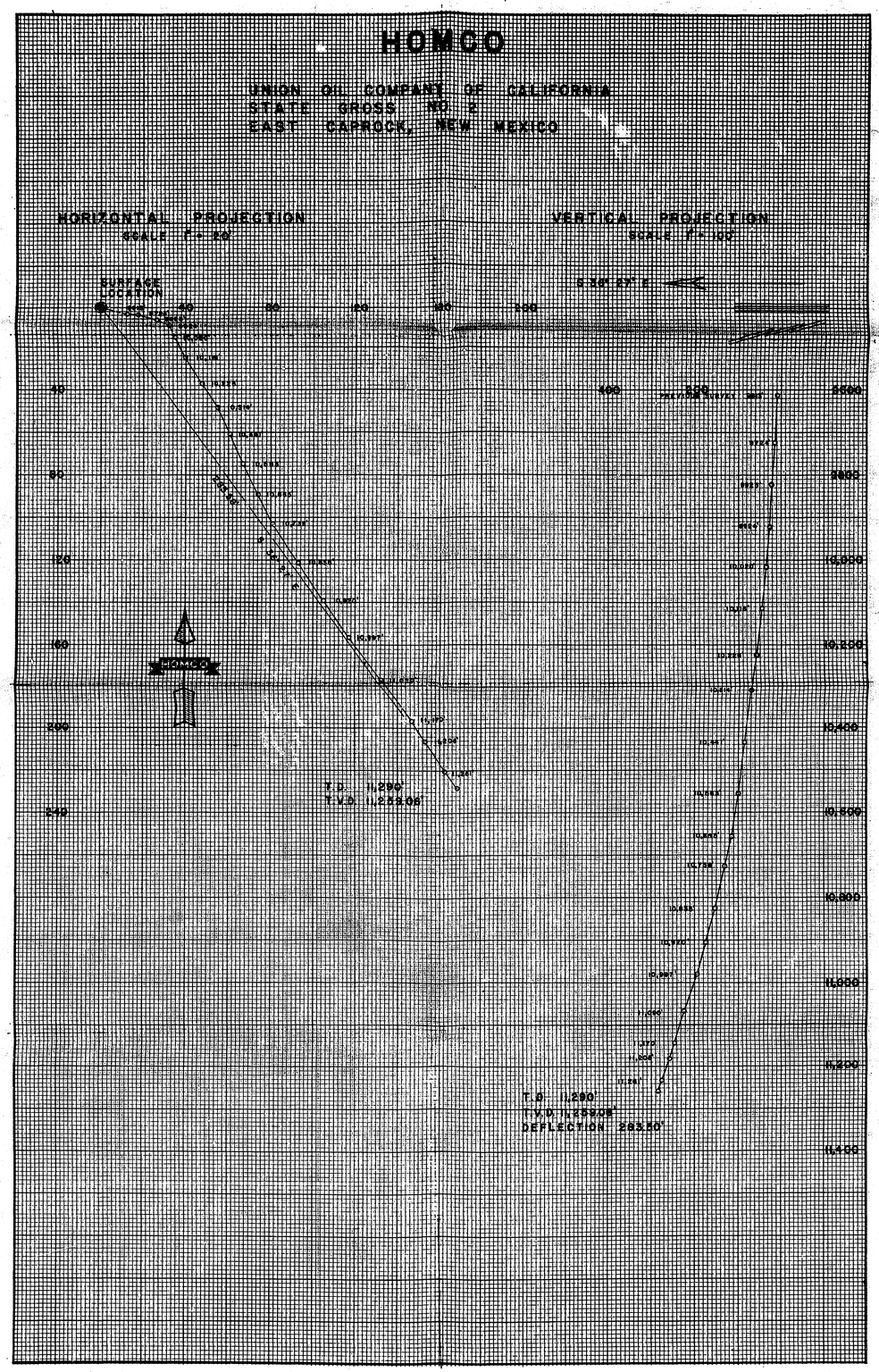


W.N.M.C.F. MICROGRAPHICS

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HOMCO

UNION OIL COMPANY OF CALIFORNIA
STATE GROSS NO. 2
EAST CAPROCK, NEW MEXICO



W.N.M.C.F. MICROGRAPHICS
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R 30 E

T 17 S

T 18 S

SCALE : 1"=1000'

LEGEND

- PRODUCING OIL WELL
- PLUGGED & ABANDONED
- DRY HOLE
- GAS WELL
- INPUT WELL TO BE DRILLED
- PRODUCER TO BE CONVERTED TO INPUT
- PRODUCER TO BE DRILLED

PRODUCTION FORMATION

SA	SAN ANDRES
AB	ABO
SR	SEVEN RIVERS
GB	GRAYBURG
Q	QUEEN
PR	PREMIER
PN	PERMIAN
LH	LOCO HILLS
AT	ATOKA
MW	MORROW
PK	PADDOCK

GRAYBURG JACKSON
PREMIER SAND UNIT
R-2323

GENERAL AMERICAN OIL COMPANY OF TEXAS

GRAYBURG JACKSON
PREMIER SAND FLOOD

EDDY COUNTY NEW MEXICO

DATE : FILE NO.

E-41

MAP & DRAFTING — JOE J."BUDDY" HEWETT, REG PE & LS NO. 3280 . ARTESIA, NEW MEXICO

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