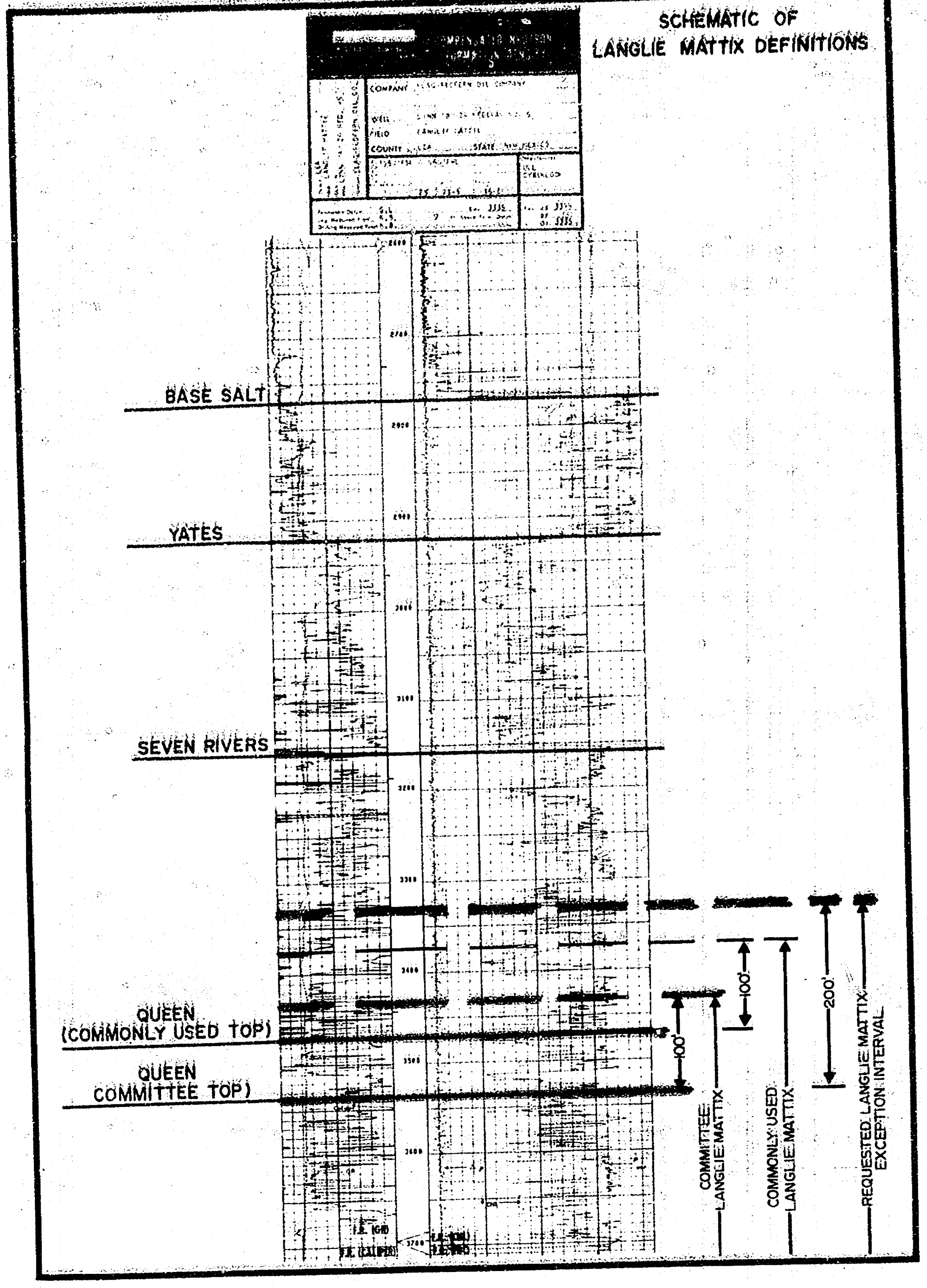
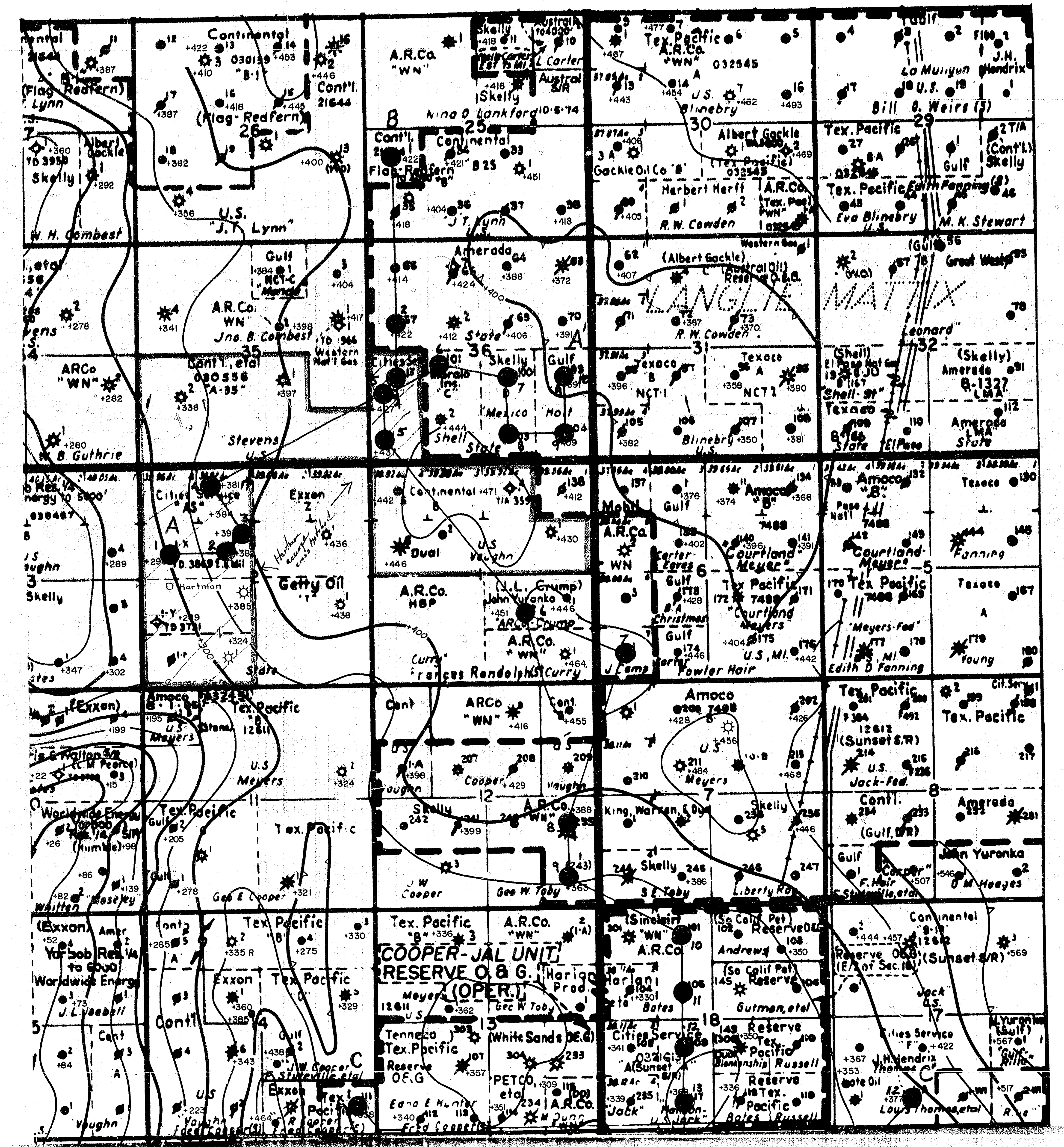
Case No.
6505

Large Exhibits

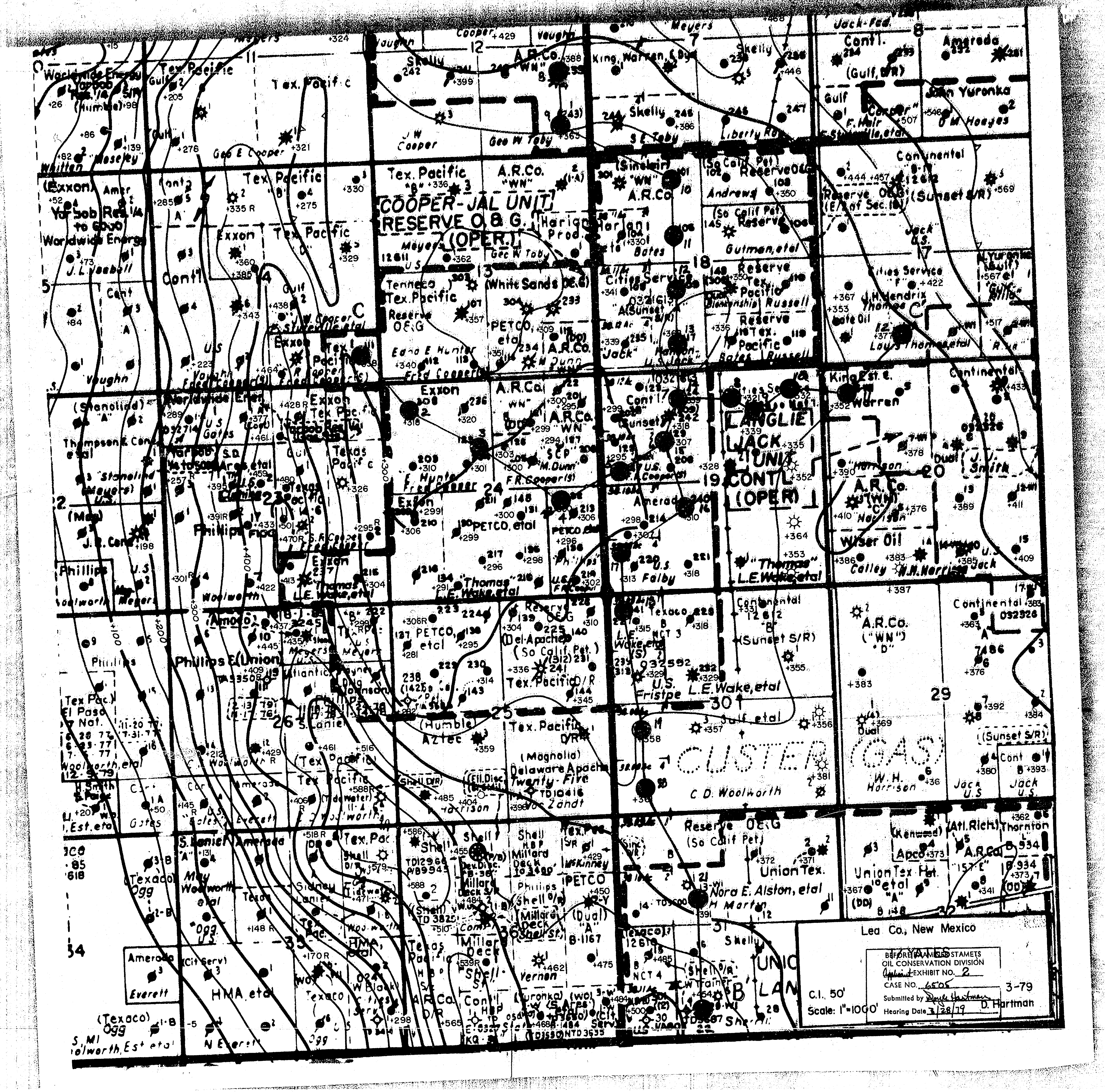
SCHEMATIC OF LANGLIE MATTIX DEFINITIONS


COMPENSATED NEUTRON FORMATION DENSITY
COMPANY
WELL
FIELD LANGLIE MATTIX
COUNTY LEA
STATE NEW MEXICO
2600
2700
BASE SALT
2800
2900
YATES
3000
3100
SEVEN RIVERS
3200
3300
3400
QUEEN (COMMONLY USED TOP)
3500
QUEEN COMMITTEE TOP)
3600
3700
100'
100'
200'
COMMITTEE LANGLIE MATTIX
COMMONLY USED LANGLIE MATTIX
REQUESTED LANGLIE MATTIX EXCEPTION INTERVAL


Continental
030139 "B-1"
Cont'l. 21644
(Flag-Redfern)
26
U.S. "J.T. Lynn"
Albert Gackle
Skelly
W. H. Combest
A.R.Co. "WN"
Skelly
Austral S/R
L Carter
Nina O Lankford 10-5-74
25
Cont'l.
Continental
Flag-Redfern
J.T. Lynn
Tex.Pacific
A.R.Co. "WN"
032545
U.S. Blinebry
30
Albert Gackle
(Tex Pacific)
Gackle Oil Co "B"
Herbert Herff
R.W. Cowden
A.R.Co. (Tex. Pac) "WN"
Gulf
La Mulligan
J.H. Hendrix
U.S.
Bill O. Weirs (S)
29
Tex. Pacific
Gulf
(Cont'L) Skelly
Tex. Pacific
Faith Fanning
Eva Blinebry
U.S.
M. K. Stewart
Gulf NCT-C Mendel
A.R.Co. WN
Jno. B. Combest
35
Western Nat'l Gas
Cont'l., etal 030556 "A-35"
ARCo "WN"
Stevens U.S.
W. B. Guthrie
Amerada
State
36
Cities Service
Skelly
Gulf
Mexico
Holt
Shell
State
Western Gas
(Albert Gackle)
(Austral Oil) Reserve O.& G.
LANGLIE MATTIX
R. W. Cowden
31
Texaco B NCT-1
Texaco A NCT 2
Blinebry U.S.
(Gulf)
Great Western
(Shell)
El Paso Nat Gas
Shell-St
Texaco
State
El Paso
Leonard
32
(Skelly)
Amerada B-1327 LMA
Amerada LMA State
Cities Service "AS"
A
Exxon Z
D. Hartman
Getty Oil "T"
Hartman acreage cross hatched
State
Skelly
U.S. Vaughn
3
Continental
Dual
U.S. Vaughn
A.R.Co. HBP
(J.L. Crump)
John Yuronko
"ARCo-Crump"
A.R.Co. "WN"
Curry
Frances Randolph
U.S. Curry
Mobil
A.R.Co. WN
Gulf
Amoco "B"
7488
Carter-Zeres
Courtland Meyer
6
Tex Pacific
7498
Courtland Meyers
B.A. Christmas
Gulf
J Camp
Carter
Fowler Hair
U.S. MI.
Amoco "B"
Paso Nat'l
Courtland Meyer
5
Tex Pacific
"Meyers-Fed"
Edith D Fanning
Texaco
Fanning
Texaco A
Young
(Exxon)
Amoco
Tex.Pacific "B" 12811
U.S. Meyers
Fie & Walton S/R
(C.M. Pearce)
Worldwide Energy
Yarbob Res. 1/4
(Humble)
Moseley
Whitten
Tex.Pacific
Gulf
Geo E Cooper
11
Tex. Pacific
Cont
ARCo "WN"
Cont.
U.S.
Cooper
Vaughn
12
Skelly
A.R.Co. "WN"
J W Cooper
Geo W. Toby
Amoco 7488
U.S. Meyers
King, Warren, & Dyer
7
Skelly
S E Toby
Liberty Roy.
Tex Pacific
12612
(Sunset S/R)
U.S. Jack-Fed.
Tex. Pacific
Cont'l.
(Gulf, D/R)
8
Amerada
Gulf
"Cooper"
F. Hair
Stulteville, etal
John Yuronka
O M Heeyes
(Exxon)
Amer
Yarbob Res. 1/4 to 5000
Worldwide Energy
J.L. Jeebell
Cont
Vaughn
Cont'l
Tex. Pacific "B"
Exxon
Tex Pacific
Cont'l
Gulf
J.W. Cooper
Stulteville, etal
C
U.S. Vaughn
Exxon
Tex Pacific
Tex. Pacific "B"
A.R.Co. "WN"
COOPER-JAL UNIT
RESERVE O.& G.
(OPER.)
Harian Prod.
Meyers
U.S.
Geo W Toby
13
Tenneco
Tex.Pacific
Reserve O&G
(White Sands O.& G.)
PETCO, etal
A.R.Co.
Edna E Hunter
Fred Cooper
(Sinclair) "WN"
A.R.Co.
Harian
Bates
(So Calif Pet)
Reserve O&G
Andrews
(So Calif Pet)
Reserve O&G
Gutman, etal
18
Cities Service
A (Sunset S/R)
"Jack"
Hanson-U.S. Jack
Reserve
Tex. Pacific
Blankenship
Russell
Reserve
Tex. Pacific
Bates
Russell
Continental
"B-1" 12612
Reserve O&G (E/2 of Sec. 18)
(Sunset S/R)
Jack U.S.
17
Cities Service "F"
J.H. Hendrix
Thomas "C"
Gate Oil
Louis Thomas, etal
J. Yuronka (Gulf)
"Gulf-Rillo"
Rice
+400
+300

N.M.O.C.D. MICROGRAPHICS

BEST AVAILABLE COPY


COOPER-JAL UNIT
RESERVE O.&G. (OPER.)
LANGLIE JACK UNIT
CONT'L (OPER)
CUSTER (GAS)
Tex. Pacific
A.R.Co.
Exxon
Cont'l
Continental
Skelly
Shell
PETCO
Union Tex.
Amerada
Texaco
Phillips
Reserve O&G
L.E. Wake, etal
C.D. Woolworth
Nora E. Alston, etal
Lea Co., New Mexico
YATES
C.I. 50'
Scale: 1"=1000'
3-79
D. Hartman

BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION
Applicant EXHIBIT NO. 2
CASE NO. 6505
Submitted by Doyle Hartman
Hearing Date 3/28/79

A
WEST

1

COMPANY Cities Service
WELL State "X" No. 1
FIELD Jalmat
LOCATION 1980 FNL & 660 FWL (E)
Section 2, T-24-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3378
DF
GL

2

COMPANY Cities Service
WELL State "AS" No. 1
FIELD Jalmat
LOCATION 1980 FNL & 1980 FWL (F)
Section 2, T-24-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3375
DF
GL

3

COMPANY Doyle Hartman
WELL Citgo "AS" State No. 2
FIELD Langlie Mattix
LOCATION 1650 FNL & 2310 FWL (F)
Section 2, T-24-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3380
DF 3379
GL 3368

4

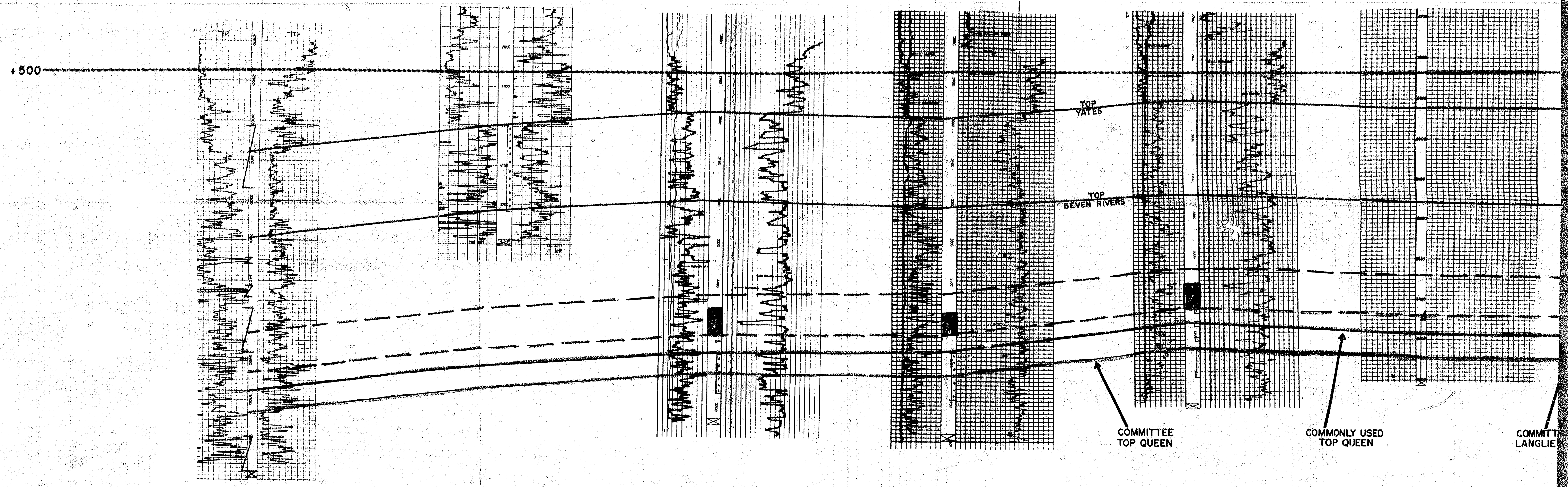
COMPANY Doyle Hartman
WELL Citgo "AS" State No. 3
FIELD Langlie Mattix
LOCATION 330 FNL & 1650 FWL (C)
Section 2, T-24-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3378
DF
GL 3368

5

COMPANY Doyle Hartman
WELL Citgo "LM" State No. 2
FIELD Langlie Mattix
LOCATION 1800 FSL & 330 FWL (L)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3342
DF
GL 3331

6

COMPANY Ralph Lowe
(Getty Oil Co.)
WELL Shell State "C" No. 1
(MLMU No. 101)
FIELD Langlie Mattix
LOCATION 2310 FSL & 1650 FWL (K)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3335
GL



COMPLETION RECORD (1)

SPUD DATE 6-17-49 COMP. DATE 7-18-49
TD 3869 PBTD 3869
CASING RECORD 8 5/8 @ 1263
PERFORATING RECORD
STIMULATION
IP P & A
GOR GR
TP CP
CHOKE TUBING @
DST RECORD DST 3015-3170 Open 2:00 GTS 5 min. MTS 10 min. Flowed 6000 MCFPD. 15-min. FSIP= 1020. DST 3344-3359 Open 2:05 Rec 30' SGCM. DST 3414-3441 Open 2:25 Rec 50' GCSW. DST 3470-3580 Open 1:00 Rec 30' mud. DST 3794-3869 Open 1:00 Rec 400' sul wtr.
REMARKS

COMPLETION RECORD (2)

SPUD DATE 1-17-56 COMP. DATE 2-8-56
TD 3290 PBTD 3288
CASING RECORD 8 5/8 @ 1251 w/775
5 1/2 @ 3289 w/2550
PERFORATING RECORD Perf 2996-3218
STIMULATION A/1000
IP IPF = 2600 MCFPD
GOR GR
TP 700 CP 700
CHOKE TUBING 2 3/8 @ 3205
DST RECORD DST 2990-3140 Open 1:00 GTS 3 min. MTS 6 min. Flowed 3500 MCFPD. Rec 5' mud. 15-min. FSIP= 975 psi.
DST 3140-3290 Open 1:00 Rec 2800' XWCM. 15-min FSIP= 1500 psi
1974 Cum. Prod. = 4991 MMCF
9-17-75 Rework: Perf 2865-2975, A/2000
REMARKS SWB 1/4 BO + 4 BL/4 hr. P & A
Well P & A 11-75

COMPLETION RECORD (3)

SPUD DATE 6-1-78 COMP. DATE 7-8-78
TD 3754 PBTD 3728
CASING RECORD 8 5/8 @ 427 w/325
4 1/2 @ 3754 w/850
PERFORATING RECORD Perf 3467-3665 w/26
STIMULATION A/7650
SWF/60,000 x 100,000
IP IPP = 52 BO + 21 BWPD
GOR 12,500 GR 35
TP CP
CHOKE 64/64 TUBING 2 3/8 @ 3705
DST RECORD
REMARKS

COMPLETION RECORD (4)

SPUD DATE 7-30-78 COMP. DATE 9-1-78
TD 3801 PBTD 3780
CASING RECORD 8 5/8 @ 490 w/325
5 1/2 @ 3801 w/800
PERFORATING RECORD Perf 3480-3698 w/23
STIMULATION A/6000
SWF/55,000 x 90,000
IP IPP = 10 BOPD + 25 BWPD
GOR 45,000 GR
TP CP
CHOKE 40/64 TUBING 2 3/8 @ 3715
DST RECORD
REMARKS

COMPLETION RECORD (5)

SPUD DATE 5-25-77 COMP. DATE 6-18-77
TD 3700 PBTD 3683
CASING RECORD 8 5/8 @ 463 w/300
4 1/2 @ 3700 w/1650
PERFORATING RECORD Perf 3379 - 3612 w/23
STIMULATION A/5500
SWF/50,000 x 87,000
IP IPF = 445 MCFGPD
GOR GR
TP 58 CP
CHOKE 1/2" TUBING @
DST RECORD
REMARKS

COMPLETION RECORD (6)

SPUD DATE 2-11-47 COMP. DATE 3-3-47
TD 3600 PBTD
CASING RECORD 8 5/8 @ 290 w/160
5 1/2 @ 3452 w/75
PERFORATING RECORD OH 3452 - 3600
STIMULATION Shot 3500-3600 w/200 qts.
IP IPF = 65 BOPD
GOR GR
TP CP
CHOKE TUBING 2 3/8 @ 3594
DST RECORD
Avg. 1960 Prod: 2 BOPD
161 MCFPD
Well converted to water injection well in MLMU waterflood.
REMARKS

BEFORE EXAMINER STAMETS
OIL CONSE VATI N DIVISION
Applicants EXHIBIT NO. 3
CASE NO. 6505
Submitted by Doyle Hartman
Hearing Date 3/28/79

DOYLE HARTMAN

WEST-EAST CROSS SECTION A-A'
(SEC.2, T24S-R36E TO SEC.36, T23S-R36E)
SHOWING
LANGLIE MATTIX INTERVALS

VERT. SCALE: 1" = 100' D. HARTMAN
HOR. SCALE: NONE R. STUMP

LEGEND

- ▬ COMMITTEE TOP QUEEN
- ▬ COMMITTEE TOP LANGLIE MATTIX INTERVAL (100' ABOVE TOP QUEEN)
- ▬ COMMONLY USED TOP QUEEN
- — — — REQUESTED EXCEPTION TOP LANGLIE MATTIX (200' ABOVE COMMITTEE TOP QUEEN
- ■ LANGLIE MATTIX PRODUCTION ABOVE COMMITTEE LANGLIE MATTIX INTERVAL

A
WEST

1

COMPANY	Cities Service
WELL	State "X" No. 1
FIELD	Jalmat
LOCATION	1980 FNL & 660 FWL (E) Section 2, T-24-S, R-36-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS: KB	3378
DF	
GL	

2

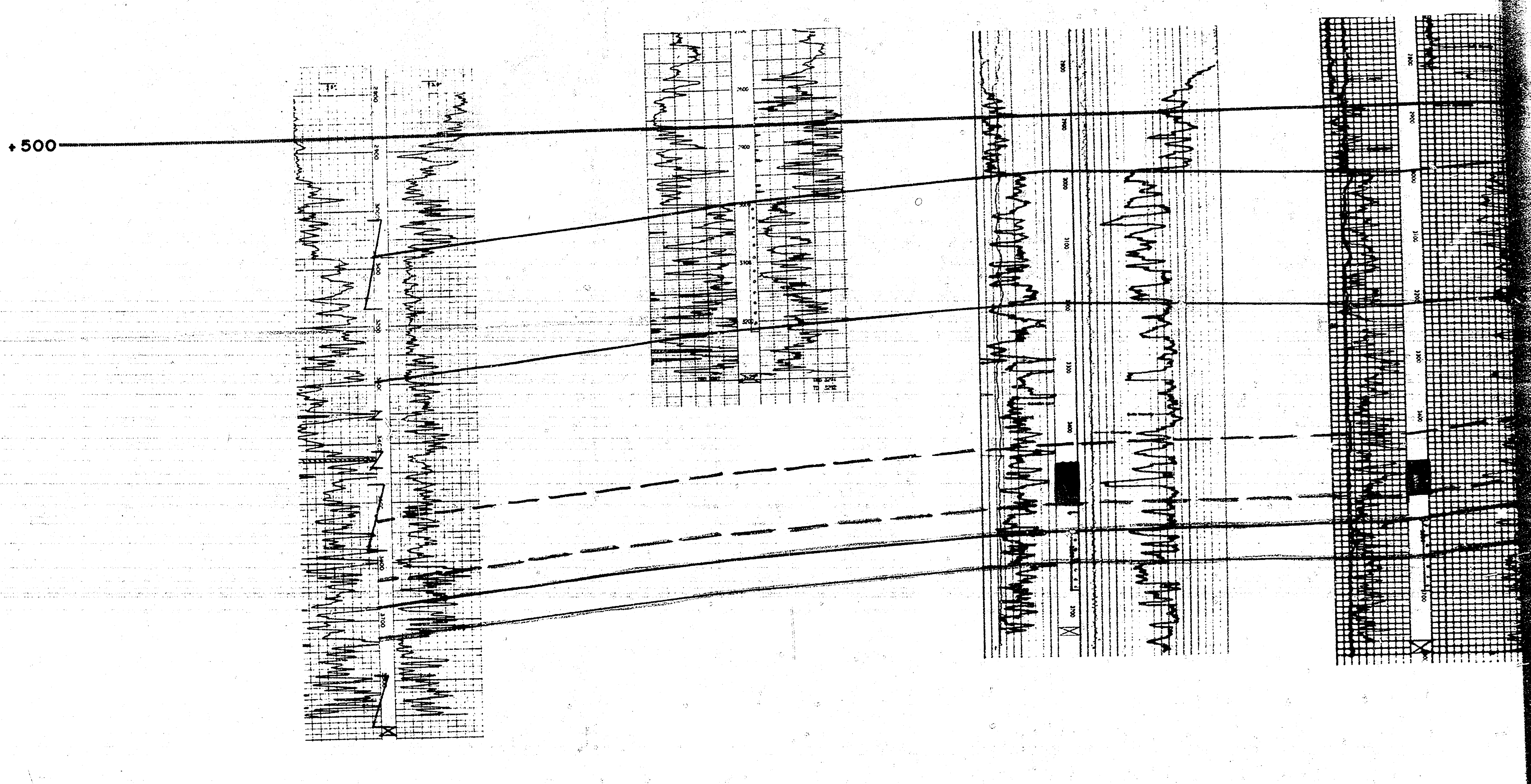
COMPANY	Cities Service
WELL	State "AS" No. 1
FIELD	Jalmat
LOCATION	1980 FNL & 1980 FWL (F) Section 2, T-24-S, R-36-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS: KB	3375
DF	
GL	

3

COMPANY	Doyle Hartman
WELL	Citgo "AS" State No. 2
FIELD	Langlie Mattix
LOCATION	1650 FNL & 2310 FWL (F) Section 2, T-24-S, R-36-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS: KB	3380
DF	3379
GL	3368

4

COMPANY	Doyle Hartman
WELL	Citgo "AS" State No. 3
FIELD	Langlie Mattix
LOCATION	330 FNL & 1650 FWL (C) Section 2, T-24-S, R-36-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS: KB	337
DF	
GL	336



COMPLETION RECORD

SPUD DATE	6-17-49	COMP. DATE	7-18-49
TD	3869	PBTD	3869
CASING RECORD	8 5/8 @ 1263		
PERFORATING RECORD			
STIMULATION			
IP	P & A		
GOR		GR	
TP		CP	
CHOKE		TUBING	@
DST RECORD	DST 3015-3170 Open 2:00 GTS 5 min. MTS 10 min. Flowed 6000 MCFPD. 15-min. FSIP= 1020. DST 3344-3359 Open 2:05 Rec 30' SGCM. DST 3414-3441 Open 2:25 Rec 50' GCSW. DST 3470-3580 Open 1:00 Rec 30' mud. DST 3794-3869 Open 1:00 Rec 400' sul wtr.		
REMARKS			

COMPLETION RECORD

SPUD DATE	1-17-56	COMP. DATE	2-8-56
TD	3290	PBTD	3288
CASING RECORD	8 5/8 @ 1251 w/775 5 1/2 @ 3289 w/2550		
PERFORATING RECORD	Perf 2936-3218		
STIMULATION	A/1000		
IP	IPF = 2600 MCFPD		
GOR		GR	
TP	700	CP	700
CHOKE		TUBING	2 3/8 @ 3205
DST RECORD	DST 2990-3140 Open 1:00 GTS 3 min. MTS 6 min. Flowed 3500 MCFPD. Rec 5' mud. 15-min. FSIP= 975 psi. DST 3140-3290 Open 1:00 Rec 2800' XWCM. 15-min FSIP= 1500 psi 1974 Cum. Prod. = 4993 MMCF 9-17-75 Rework: Perf 2865-2975. A/2000		
REMARKS	SWB 1/4 BO + 4 BL/4 hr. P & A Well P & A 11-75		

COMPLETION RECORD

SPUD DATE	6-1-78	COMP. DATE	7-8-78
TD	3754	PBTD	3728
CASING RECORD	8 5/8 @ 427 w/325 4 1/2 @ 3754 w/850		
PERFORATING RECORD	Perf 3467-3665 w/26		
STIMULATION	A/7650 SWF/60,000 x 100,000		
IP	IPP = 52 BO + 21 BWPD		
GOR	12,500	GR	35
TP		CP	
CHOKE	64/64	TUBING	2 3/8 @ 3705
DST RECORD			
REMARKS			

COMPLETION RECORD

SPUD DATE	7-30-78	COMP. DATE	9-
TD	3801	PBTD	3
CASING RECORD	8 5/8 @ 490 w/325 5 1/2 @ 3801 w/800		
PERFORATING RECORD	Perf 3480-3698 w/2		
STIMULATION	A/6000 SWF/55,000 x 90,000		
IP	IPP = 10 BOPD + 25 BWPD		
GOR	45,000	GR	
TP		CP	
CHOKE	40/64	TUBING	2 3/8
DST RECORD			
REMARKS			

BEFORE EXAMINER STAMETS
OIL CONSE VATI N DIVISION
Applicants EXHIBIT NO. 3
CASE NO. 6505
Submitted by Doyle Hartman
Hearing Date 3/28/79

DOYLE HARTMAN

WEST-EAST CROSS SECTION A-A'
(SEC.2, T24S-R36E TO SEC.36, T23S-R36E)
SHOWING
LANGLIE MATTIX INTERVALS

VERT. SCALE: 1" = 100'
HOR. SCALE: NONE

D. HARTMAN
R. STUMP

LEGEND

▬	COMMITTEE TOP QUEEN
▬	COMMITTEE TOP LANGLIE MATTIX INTERVAL (100' ABOVE TOP QUEEN)
—	COMMONLY USED TOP QUEEN
— — —	REQUESTED EXCEPTION TOP LANGLIE MATTIX (200' ABOVE COMMITTEE TOP QUEEN
■	LANGLIE MATTIX PRODUCTION ABOVE COMMITTEE LANGLIE MATTIX INTERVAL

☼ 2

Service

"AS" No. 1

L & 1980 FWL (F)

n 2, T-24-S, R-36-E

ico

KB 3375

DF

GL

● 3

COMPANY Doyle Hartman

WELL Citgo "AS" State No. 2

FIELD Langlie Mattix

LOCATION 1650 FNL & 2310 FWL (F)

Section 2, T-24-S, R-36-E

COUNTY Lea

STATE New Mexico

ELEVATIONS: KB 3380

DF 3379

GL 3368

● 4

COMPANY Doyle Hartman

WELL Citgo "AS" State No. 3

FIELD Langlie Mattix

LOCATION 330 FNL & 1650 FWL (C)

Section 2, T-24-S, R-36-E

COUNTY Lea

STATE New Mexico

ELEVATIONS: KB 3379

DF

GL 3368

☼ 5

COMPANY Doyle Hartman

WELL Citgo "LM" State No. 2

FIELD Langlie Mattix

LOCATION 1800 FSL & 330 FWL (L)

Section 36, T-23-S, R-36-E

COUNTY Lea

STATE New Mexico

ELEVATIONS: KB 3342

DF

GL 3331

△ 6

COMPANY Ralph Lowe

(Getty Oil Co.)

WELL Shell State "C" No. 1

(MLMU No. 101)

FIELD Langlie Mattix

LOCATION 2310 FSL & 1650 FWL (K)

Section 36, T-23-S, R-36-E

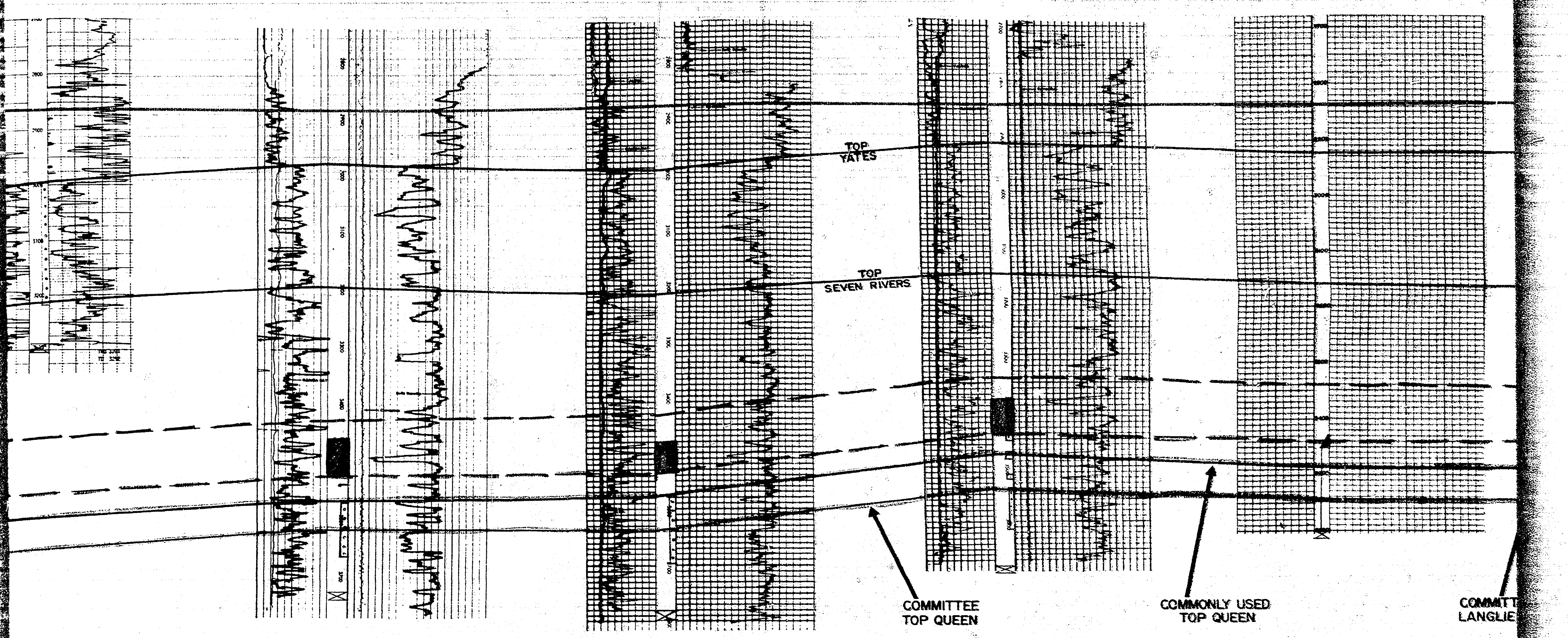
COUNTY Lea

STATE New Mexico

ELEVATIONS: KB

DF 3335

GL



MPLETION RECORD

COMP. DATE 2-8-56

PBTD 3288

1251 w/775

3289 w/2550

rf 2996-3218

00 MCFPD

GR

CP 700

TUBING 2 3/8 @ 3205

-3140 Open 1:00 GTS 3 min.

n. Flowed 3500 MCFPD. Rec 5'

-min. FSIP= 975 psi.

-3290 Open 1:00 Rec 2800' XWCM.

SIP= 1500 psi

. Prod. = 4991 MMCF

Rework: Perf 2865-2975. A/2000

BO + 4 BL/4 hr. P & A

A 11-75

COMPLETION RECORD

SPUD DATE 6-1-78 COMP. DATE 7-8-78

TD 3754 PBTD 3728

CASING RECORD 8 5/8 @ 427 w/325

4 1/2 @ 3754 w/850

PERFORATING RECORD Perf 3467-3665 w/26

STIMULATION A/7650

SWF/60,000 x 100,000

IP IPP = 52 BO + 21 BWPD

GOR 12,500 GR 35

TP CP

CHOKE 64/64 TUBING 2 3/8 @ 3705

DST RECORD

REMARKS

COMPLETION RECORD

SPUD DATE 7-30-78 COMP. DATE 9-1-78

TD 3801 PBTD 3780

CASING RECORD 8 5/8 @ 490 w/325

5 1/2 @ 3801 w/800

PERFORATING RECORD Perf 3480-3698 w/23

STIMULATION A/6000

SWF/55,000 x 90,000

IP IPP = 10 BOPD + 25 BWPD

GOR 45,000 GR

TP CP

CHOKE 40/64 TUBING 2 3/8 @ 3715

DST RECORD

REMARKS

COMP RD

SPUD DATE 5-25-77 COMP. DATE 6-18-77

TD 3700 PBTD 3683

CASING RECORD 8 5/8 @ 463 w/300

4 1/2 @ 3700 w/1650

PERFORATING RECORD Perf 3379 - 3612 w/23

STIMULATION A/5500

SWF/50,000 x 87,000

IP IPF = 445 MCFGPD

GOR GR

TP 58 CP

CHOKE 1/2" TUBING @

DST RECORD

REMARKS

COMPLETION RECORD

SPUD DATE 2-11-47 COMP. DATE 3-3-47

TD 3600 PBTD

CASING RECORD 8 5/8 @ 290 w/160

5 1/2 @ 3452 w/75

PERFORATING RECORD OH 3452 - 3600

STIMULATION Shot 3500-3600 w/200 qts.

IP IPF = 65 BOPD

GOR GR

TP CP

CHOKE TUBING 2 3/8 @ 3594

DST RECORD

Avg. 1960 Prod: 2 BOPD

161 MCFPD

Well converted to water injection well

in MLMU waterflood.

REMARKS

TTIX INTERVAL

ANGLIE MATTIX

QUEEN

ABOVE COMMITTEE

N.M.O.C.D. MICROGRAPHICS
BEST AVAILABLE COPY

☼
5

COMPANY Doyle Hartman
WELL Citgo "LM" State No. 2
FIELD Langlie Mattix
LOCATION 1800 FSL & 330 FWL (L)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3342
DF
GL 3331

△
6

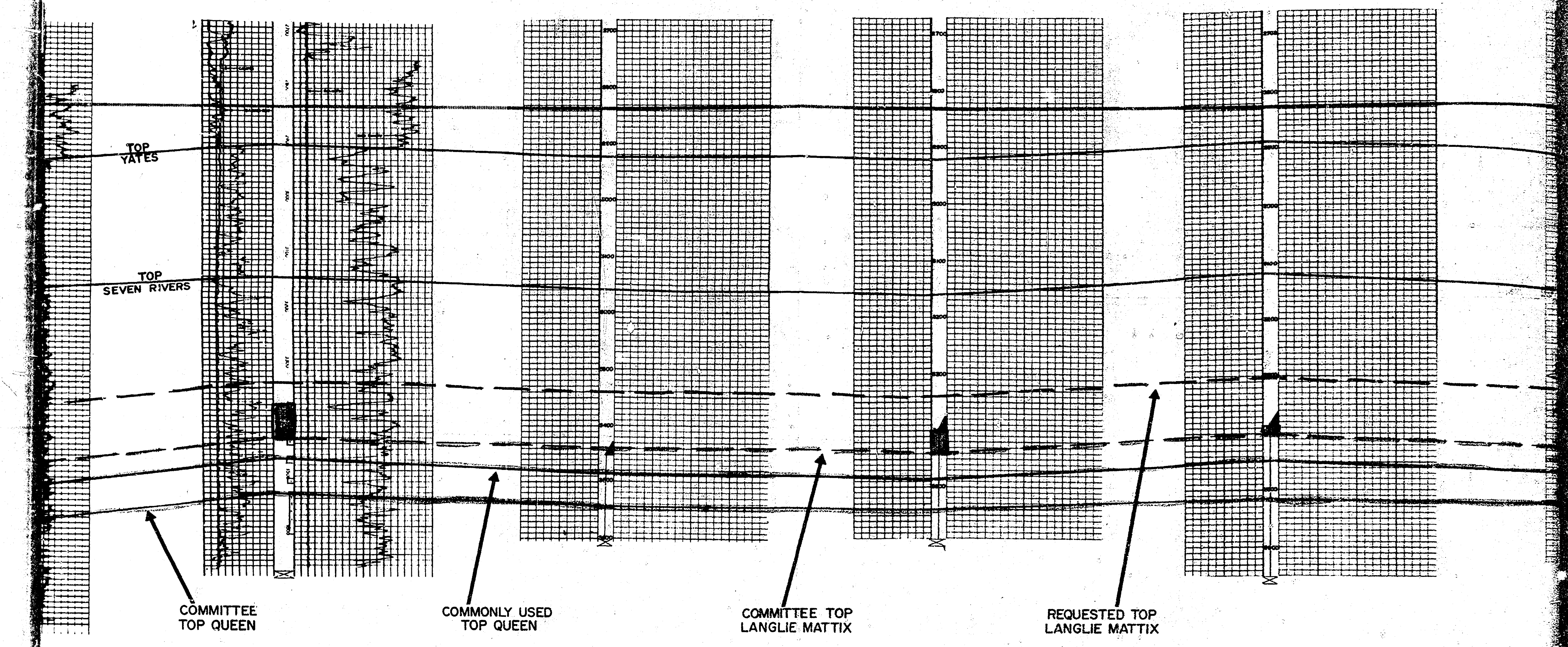
COMPANY Ralph Lowe
(Getty Oil Co.)
WELL Shell State "C" No. 1
(MLMU No. 101)
FIELD Langlie Mattix
LOCATION 2310 FSL & 1650 FWL (K)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3335
GL

✹
7

COMPANY Skelly
(Getty)
WELL Mexico "U" No. 1
(MLMU No. 100)
FIELD Langlie Mattix
LOCATION 1980 FSL & 1980 FEL (J)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3328
GL

△
8

COMPANY Skelly
(Getty Oil Company)
WELL Mexico "D" No. 2
(MLMU No. 103)
FIELD Langlie Mattix
LOCATION 660 FSL & 1980 FEL (O)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3325
GL



COMPLETION RECORD

SPUD DATE 5-25-77 COMP. DATE 6-18-77
TD 3700 PBTD 3683
CASING RECORD 8 5/8 @ 463 w/300
4 1/2 @ 3700 w/1650
PERFORATING RECORD Perf 3379 - 3612 w/23
STIMULATION A/5500
SWF/50,000 x 87,000
IP IPF = 445 MCFGPD
GOR GR
TP 58 CP
CHOKE 1/2" TUBING @
DST RECORD
REMARKS

COMPLETION RECORD

SPUD DATE 2-11-47 COMP. DATE 3-3-47
TD 3600 PBTD
CASING RECORD 8 5/8 @ 290 w/160
5 1/2 @ 3452 w/75
PERFORATING RECORD OH 3452 - 3600
STIMULATION Shot 3500-3600 w/200 qts.
IP IPF = 65 BOPD
GOR GR
TP CP
CHOKE TUBING 2 3/8 @ 3594
DST RECORD
Avg. 1960 Prod: 2 BOPD
161 MCFPD
Well converted to water injection well
in MLMU waterflood.
REMARKS

COMPLETION RECORD

SPUD DATE 7-7-48 COMP. DATE 9-26-48
TD 3590 PBTD
CASING RECORD 9 5/8 @ 1175 w/300
7 @ 3400 w/250
PERFORATING RECORD OH 3400-3590
STIMULATION Shot 3440-3580 w/284
IP IPF = 35 BOPD
GOR GR
TP CP
CHOKE TUBING 2 3/8 @ 3426
DST RECORD
Avg. 1960 Langlie Mattix Prod: 4 BOPD
350 MCFPD
Well dualed as a Jalmat-Langlie Mattix
producer on an unknown date.
REMARKS

COMPLETION RECORD

SPUD DATE 5-4-49 COMP DATE 6-25-49
TD 3648 PBTD
CASING RECORD 9 5/8 @ 1168 w/400
7 @ 3385 w/350
PERFORATING RECORD OH 3385-3648
STIMULATION Shot 3451-3644 w/405
IP IPF = 42 BO + 3820 MCFGPD
GOR GR 36.2
TP 250 CP 400
CHOKE 3/4 TUBING @
DST RECORD
Avg. 1960 Prod: 6 BOPD
330 MCFGPD
Well converted to water injection well
in MLMU waterflood.
REMARKS

A'
EAST

✷ 7

COMPANY Skelly
(Getty)
WELL Mexico "D" No. 1
(MLMU No. 100)
FIELD Langlie Mattix
LOCATION 1980 FSL & 1980 FEL (J)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3328
GL

△ 8

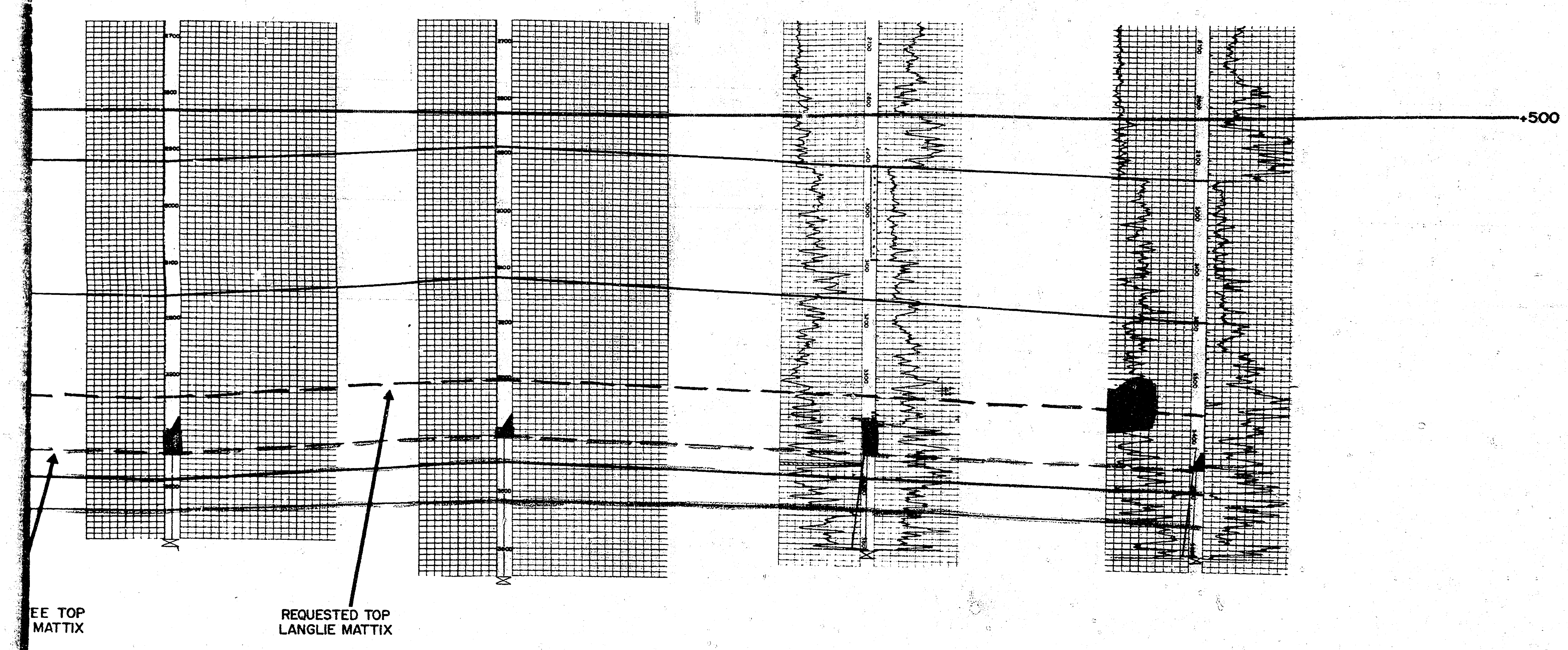
COMPANY Skelly
(Getty Oil Company)
WELL Mexico "D" No. 2
(MLMU No. 103)
FIELD Langlie Mattix
LOCATION 660 FSL & 1980 FEL (O)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3325
GL

● 9

COMPANY Gulf Oil Corp.
(Getty Oil Co.)
WELL Holt "B" No. 2
(MLMU No. 104)
FIELD Langlie Mattix
LOCATION 660 FSL & 660 FEL (P)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3328
GL

△ 10

COMPANY Gulf Oil Corporation
(Getty Oil Co.)
WELL Holt "B" No. 1
(MLMU No. 99)
FIELD Langlie Mattix
LOCATION 1980 FSL & 660 FEL (I)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3329
GL



COMPLETION RECORD
SPUD DATE 7-7-48 COMP. DATE 9-26-48
TD 3590 PBTD
CASING RECORD 9 5/8 @ 1175 w/300
7 @ 3400 w/250
PERFORATING RECORD OH 3400-3590
STIMULATION Shot 3440-3580 w/284
IP IPF = 35 BOPD
GOR GR
TP CP
CHOKE TUBING 2 3/8 @ 3426
DST RECORD
Avg. 1960 Langlie Mattix Prod: 4 BOPD
350 MCFPD
Well dualed as a Jalmat-Langlie Mattix
producer on an unknown date.
REMARKS

COMPLETION RECORD
SPUD DATE 5-4-49 COMP. DATE 6-25-49
TD 3648 PBTD
CASING RECORD 9 5/8 @ 1168 w/400
7 @ 3385 w/350
PERFORATING RECORD OH 3385-3648
STIMULATION Shot 3451-3644 w/405
IP IPF = 42 BO + 3820 MCFGPD
GOR GR 36.2
TP 250 CP 400
CHOKE 3/4 TUBING @
DST RECORD
Avg. 1960 Prod: 6 BOPD
330 MCFGPD
Well converted to water injection well
in MLMU waterflood.
REMARKS

COMPLETION RECORD
SPUD DATE 6-28-49 COMP. DATE 8-6-49
TD 3608 PBTD
CASING RECORD 9 5/8 @ 307 w/225
5 1/2 @ 3389 w/900
PERFORATING RECORD OH 3389-3608
Perf 3380-3389 w/20
STIMULATION
IP IPF = 404 BO + 729 MCFGPD
GOR 1254 GR 40
TP CP
CHOKE TUBING @
DST RECORD DST 3375-3608, GTS 9" @ 31.7 MCFPD, R
1062' GCM, 626' HOCM & 236' Oil
1955 Jalmat Gas Completion: IP 3840
MCFGPD from Perfs 2920-3090 after SWF/
10,000 x 10,000
Dual Jalmat-Langlie Mattix Completion
REMARKS
Avg. 1960 Langlie Mattix Prod: 12 BOPD
190 MCFGPD

COMPLETION RECORD
SPUD DATE 4-29-49 COMP. DATE 5-26-49
TD 3610 PBTD
CASING RECORD 9 5/8 @ 322 w/200
5 1/2 @ 3450 w/800
PERFORATING RECORD OH 3450-3610
STIMULATION Shot 3501-3610 w/200
IP IPF 274 BOPD
GOR 705 GR 36.9
TP CP
CHOKE TUBING @
DST RECORD DST 3420-3610 GTS 34" @ 9 MCFPD,
R 400' O & GCM + 1200' Oil
Well converted to water injection well
in MLMU waterflood.
REMARKS

B
NORTH

○
1

COMPANY Flag-Redfern Oil Company
WELL Lynn "B" 25 Federal No. 5
FIELD Langlie Mattix
LOCATION 1980 FSL & 560 FWL (L)
Section 25, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3344
DF
GL 3335

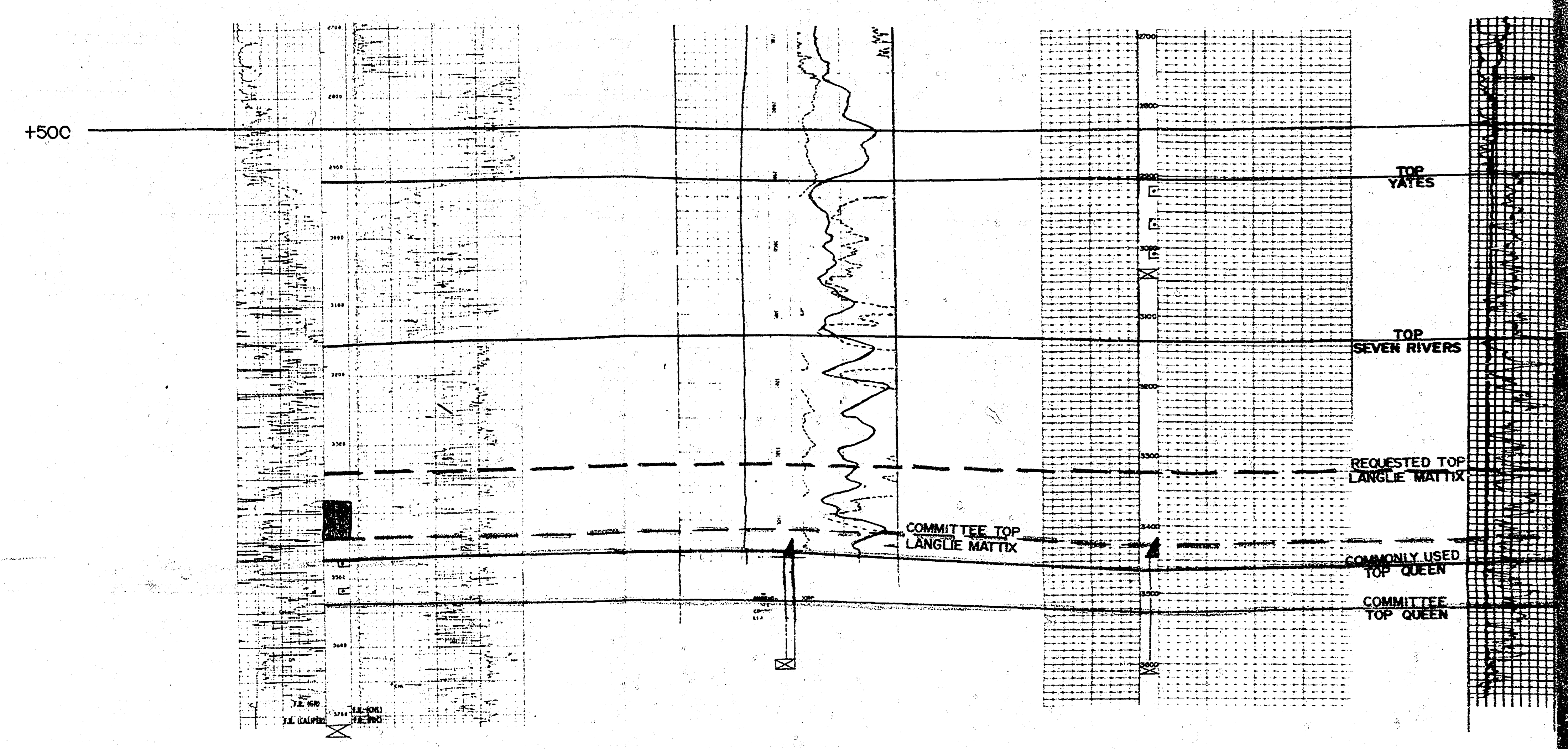
△
2

COMPANY Amerada
(Getty Oil Co.)
WELL State "LMT" No. 1
(MLMU No. 67)
FIELD Langlie Mattix
LOCATION 1980 FNL & 660 FWL (E)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3332
GL

☼
3

COMPANY Cities Service
WELL State "Q" No. 1
FIELD Jalmat - Langlie Mattix
LOCATION 1980 FSL & 660 FWL (L)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3332
GL

COMPANY Doy
WELL Cit
FIELD Lan
LOCATION 180
Sect
COUNTY Lea
STATE New
ELEVATIONS:



COMPLETION RECORD

SPUD DATE 1-22-79 COMP DATE Not comp.
TD 3712 PBTD
CASING RECORD 8 5/8 @ 1226 w/425
4 1/2 @ 3712 w/330
PERFORATING RECORD Perf: 3382-3522 w/24
STIMULATION A/3000
SWF/40,000 + 80,000
IP
GOR GR
TP CP
CHOKE TUBING @
DST RECORD
Presently testing
REMARKS

COMPLETION RECORD

SPUD DATE 2-21-46 COMP. DATE 3-30-46
TD 3607 PBTD 3607
CASING RECORD 13 3/8 @ 554 w/250
8 5/8 @ 3450 w/450
PERFORATING RECORD OH: 3450-3607
STIMULATION Natural
IP IPF = 68 BOPD + 2486 MCFPD
GOR GR
TP CP
CHOKE 32/64 TUBING @
DST RECORD
AVG 1960 Prod: 5 BOPD
390 MCFPD
Well converted to water injection well
in MLMU waterflood.
REMARKS

COMPLETION RECORD

SPUD DATE 4-21-47 COMP DATE 5-21-47
TD 3643 PBTD 3600
CASING RECORD 8 5/8 @ 260 w/250
5 1/2 @ 3448 w/250
PERFORATING RECORD OH 3448-3600
STIMULATION Shot 3485-3600 w/280 Qts.
IP IPF = 33 BOPD + 1496 MCFPD
GOR 43,000/1 GR
TP CP
CHOKE TUBING 2 3/8 @ 3598
DST RECORD 11-20-52 Set BP @ 3030. Perf 2915-3015.
SF/9000. IPF = 4492. MCFPD from
Jalmat-Yates.
Langlie Mattix Cum: 5.3 MBO
REMARKS

SPUD DATE 5-25
TD 3700
CASING RECORD 8 5/
4 1/
PERFORATING RECORD
STIMULATION A/55
SWF/
IP IPF
GOR
TP 58
CHOKE 1/2"
DST RECORD
REMARKS

DOYLE HARTMAN

NORTH - SOUTH CROSS SECTION B-B'
(SEC. 25, T23S - R36E TO SEC. 36, T24S - R36E)
SHOWING
LANGLIE MATTIX INTERVALS

VERT. SCALE: 1"=100' D. HARTMAN
HOR. SCALE: NONE R. STUMP

LEGEND

- ━━ COMMITTEE TOP QUEEN
- ─ ─ ─ COMMITTEE TOP LANGLIE MATTIX INTERVAL (100' ABOVE TOP QUEEN)
- ━━ COMMONLY USED TOP QUEEN
- ━ ━ ━ REQUESTED EXCEPTION TOP LANGLIE MATTIX (200' ABOVE COMMITTEE TOP QUEEN)
- ▨ LANGLIE MATTIX PRODUCTION ABOVE COMMITTEE LANGLIE MATTIX INTERVAL

BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION
Applicants EXHIBIT NO. 4
CASE NO. 6505
Submitted by Doyle Hartman
Hearing Date 3/28/79

N.M.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

2

COMPANY Amerada
(Getty Oil Co.)
WELL State "LMT" No. 1
(MLMU No. 67)
FIELD Langlie Mattix
LOCATION 1980 FNL & 660 FWL (E)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3332
GL

3

COMPANY Cities Service
WELL State "Q" No. 1
FIELD Jalmat - Langlie Mattix
LOCATION 1980 FSL & 660 FWL (L)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3332
GL

4

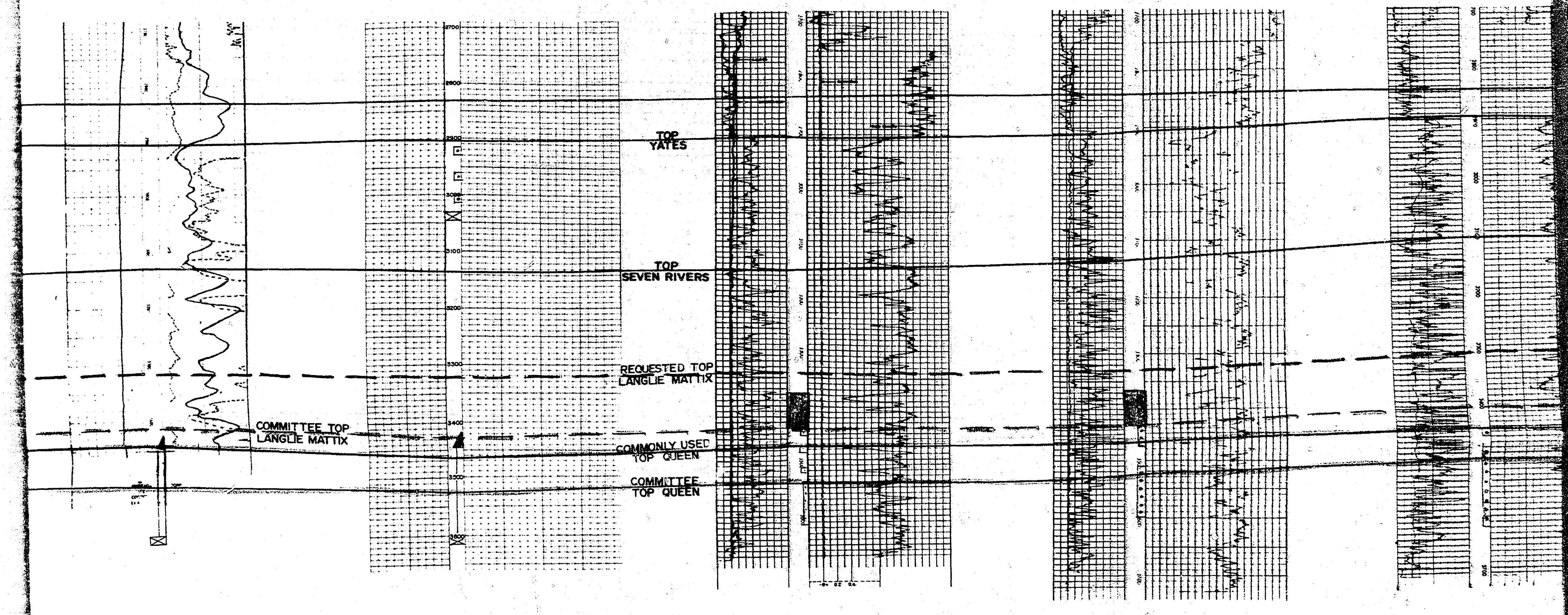
COMPANY Doyle Hartman
WELL Citgo "LM" State No. 2
FIELD Langlie Mattix
LOCATION 1800 FSL & 330 FWL (L)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3342
DF
GL 3331

5

COMPANY Doyle Hartman
WELL Citgo "LM" State No. 1
FIELD Langlie Mattix
LOCATION 330 FSL & 330 FWL (M)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3341
DF
GL 3329

6

COMPANY John Yuronka
WELL ARCo-Crump No. 2
FIELD Langlie Mattix
LOCATION 1650 FSL & 1650 FEL (J)
Section 1, T-24-S, R-36
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF
GL



COMPLETION RECORD

SPUD DATE 2-21-46 COMP. DATE 3-30-46
TD 3607 PBTD 3607
CASING RECORD 13 3/8 @ 554 w/250
8 5/8 @ 3450 w/450
PERFORATING RECORD OH: 3450-3607
STIMULATION Natural
IP IPF = 68 BOPD + 2436 MCFPD
GOR GR
TP CP
CHOKE 32/64 TUBING @
DST RECORD
AVG 1960 Prod: 5 BOPD
390 MCFPD
Well converted to water injection well
in MLMU waterflood.
REMARKS

COMPLETION RECORD

SPUD DATE 4-21-47 COMP. DATE 5-21-47
TD 3643 PBTD 3600
CASING RECORD 8 5/8 @ 260 w/250
5 1/2 @ 3448 w/250
PERFORATING RECORD OH 3448-3600
STIMULATION Shot 3485-3600 w/290 Qts.
IP IPF = 33 BOPD + 1496 MCFPD
GOR 43,000/1 GR
TP CP
CHOKE TUBING 2 3/8 @ 3598
DST RECORD 11-20-52 Set BP @ 3030. Perf 2915-3015.
SF/9000. IPF = 4492. MCFPD from
Jalmat-Yates.
Langlie Mattix Cum: 5.3 MBO
REMARKS

COMPLETION RECORD

SPUD DATE 5-25-77 COMP. DATE 6-18-77
TD 3700 PBTD 3683
CASING RECORD 8 5/8 @ 463 w/ 300
4 1/2 @ 3700 w/1650
PERFORATING RECORD Perf 3379-3612 w/23
STIMULATION A/5500
SWF/50,000 x 87,000
IP IPF = 445 MCFGPD
GOR GR
TP 58 CP
CHOKE 1/2" TUBING @
DST RECORD
REMARKS

COMPLETION RECORD

SPUD DATE 1-26-77 COMP. DATE 2-14-77
TD 3725 PBTD 3683
CASING RECORD 8 5/8 @ 433 w/ 300
4 1/2 @ 3725 w/1250
PERFORATING RECORD Perf 3366-3600 w/20
STIMULATION A/5000
SWF/53,000 x 87,000
IP IPF = 444 MCFGPD
GOR Dry GR
TP 170 CP 210
CHOKE 20/64 TUBING @
DST RECORD
REMARKS

COMPLETION RECORD

SPUD DATE 1-10-73 COMP. DATE
TD 3730 PBTD
CASING RECORD 8 5/8 @ 397 w/300
4 1/2 @ 3730 w/285
PERFORATING RECORD Perf 3454-3628 w/1
(Queen-Penrose)
STIMULATION A/2000
SWF/20,000 + 28,500
IP IPF = 90 BOPD + 250 MCF
GOR 2778/1 GR
TP 93 CP
CHOKE 20/64 TUBING
DST RECORD
REMARKS

LEGEND

- COMMITTEE TOP QUEEN
- COMMITTEE TOP LANGLIE MATTIX INTERVAL (100' ABOVE TOP QUEEN)
- COMMONLY USED TOP QUEEN
- REQUESTED EXCEPTION TOP LANGLIE MATTIX (200' ABOVE COMMITTEE TOP QUEEN)
- LANGLIE MATTIX PRODUCTION ABOVE COMMITTEE LANGLIE MATTIX INTERVAL

☼

4

e Hartman
o "LM" State No. 2
lie Mattix
FSL & 330 FWL (L)
ion 36, T-23-S, R-36-E
exico
KB 3342
DF
GL 3331

☼

5

COMPANY Doyle Hartman
WELL Citgo "LM" State No. 1
FIELD Langlie Mattix
LOCATION 330 FSL & 330 FWL (M)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3341
DF
GL 3329

●

6

COMPANY John Yuronka
WELL ARCo-Crump No. 2
FIELD Langlie Mattix
LOCATION 1650 FSL & 1650 FEL (J)
Section 1, T-24-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3346
DF
GL 3333

☼

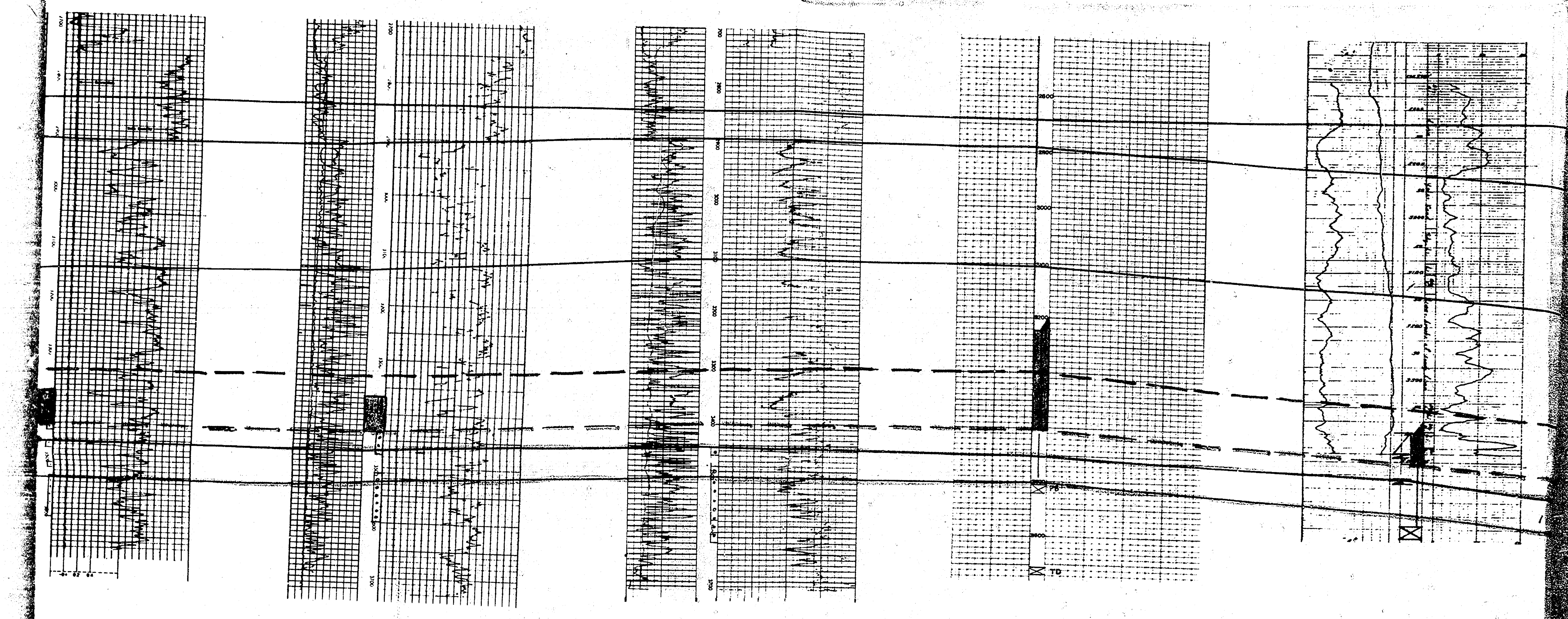
7

COMPANY Atlantic Richfield Company
WELL Jim Camp No. 1
FIELD Langlie Mattix
LOCATION 660 FSL & 660 FWL (M)
Section 6, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF
GL 3341

△

8

COMPANY Atlantic Richfield Company
(Getty)
WELL Geo. Toby No. 2
(MLMU No. 239-WI)
FIELD Langlie Mattix
LOCATION 1980 FSL & 660 FEL (I)
Section 12, T-24-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3328
GL



COMPLETION RECORD

77 COMP. DATE 6-18-77
PBTD 3683
463 w/ 300
3700 w/1650
Perf 3379-3612 w/23
,000 x 87,000
445 MCFGPD
GR
CP
TUBING @

COMPLETION RECORD

SPUD DATE 1-26-77 COMP. DATE 2-14-77
TD 3725 PBTD 3683
CASING RECORD 8 5/8 @ 433 w/ 300
4 1/2 @ 3725 w/1250
PERFORATING RECORD Perf 3366-3600 w/20
STIMULATION A/5000
SWF/53,000 x 87,000
IP IPF = 444 MCFGPD
GOR Dry GR
TP 170 CP 210
CHOKE 20/64 TUBING @
DST RECORD
REMARKS

COMPLETION RECORD

SPUD DATE 1-10-73 COMP. DATE 1-24-73
TD 3730 PBTD 3695
CASING RECORD 8 5/8 @ 397 w/300
4 1/2 @ 3730 w/285
PERFORATING RECORD Perf 3454-3628 w/11
(Queen-Penrose)
STIMULATION A/2000
SWF/20,000 + 28,500
IP IPF = 90 BOPD + 250 MCFPD
GOR 2778/1 GR
TP 90 CP
CHOKE 20/64 TUBING @
DST RECORD
REMARKS

COMPLETION RECORD

SPUD DATE COMP. DATE 6-13-37
TD 3656 PBTD 3505
CASING RECORD 13 @ 272 w/200
8 5/8@ 2780 w/700
7 @ 3220 w/100
PERFORATING RECORD OH: 3220-3505
STIMULATION None reported
IP IPF = 10,000 MCFPD
GOR GR
TP CP
CHOKE TUBING @
DST RECORD DST 3540-3553 No show.
Avg. 1960 Prod: 0 BOPD
344 MCFPD
REMARKS

COMPLETION RECORD

SPUD DATE 11-1-39 COMP. DATE 1-4-40
TD 3570 PBTD 3570
CASING RECORD 12 1/2 @ 252 w/200
9 5/8 @ 2751 w/700
7 @ 3400 w/ 75
PERFORATING RECORD OH 3500-3570:
(Queen oil and gas)
OH 3468-3500:
(Seven Rivers gas)
STIMULATION Natural
IP IPF = 184 BOPD + 300 MCFPD
GOR 1630/1 GR
TP CP
CHOKE TUBING 2 7/8 @ 3570
DST RECORD DST 3397-3495 Op 0:15
No shows.
DST 3449-3456 F/10,000 MCFPD
DST 3480-3487 F/16,000 MCFPD
Avg. 1960 Prod: 1 BOPD
242 MCFPD
REMARKS Well converted to water injection well
in MLMU waterflood.

3346

3333

7

COMPANY Atlantic Richfield Company
WELL Jim Camp No. 1
FIELD Langlie Mattix
LOCATION 660 FSL & 660 FWL (M)
Section 6, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF
GL 3341

8

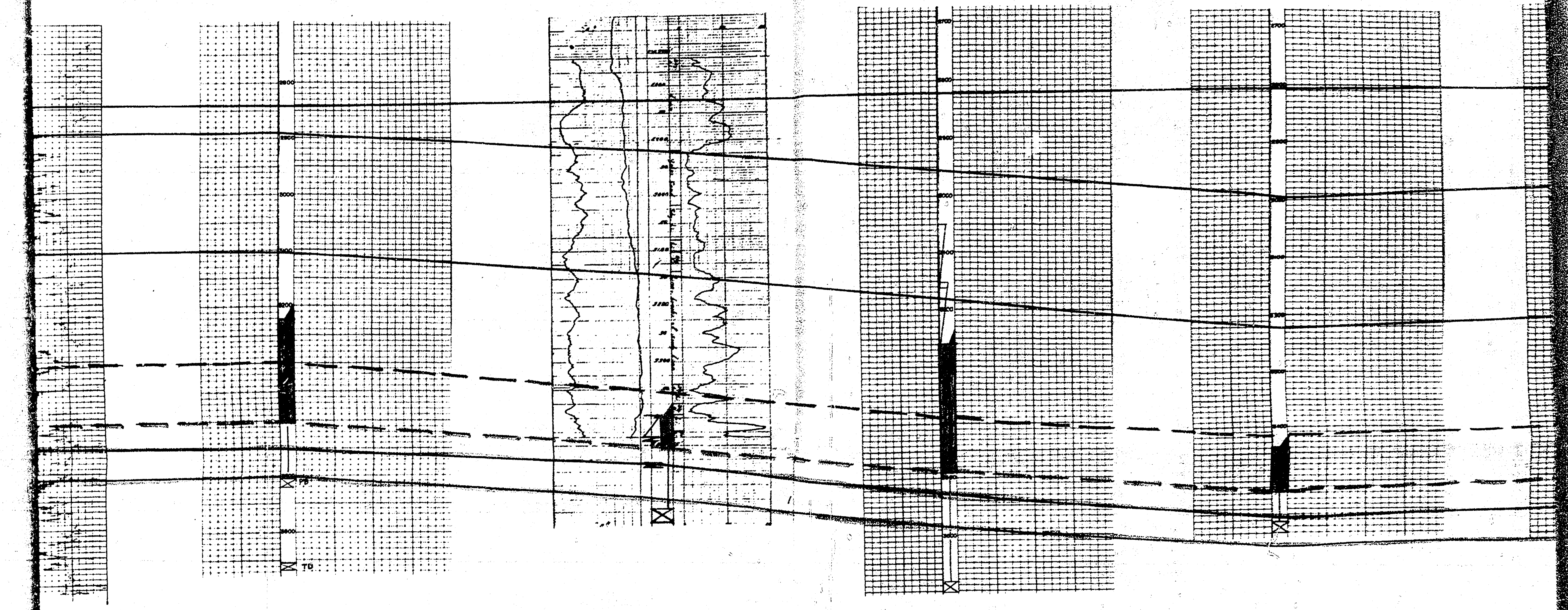
COMPANY Atlantic Richfield Company
(Getty)
WELL Geo. Toby No. 2
(MLMU No. 239-WI)
FIELD Langlie Mattix
LOCATION 1980 FSL & 660 FEL (I)
Section 12, T-24-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3328
GL

9

COMPANY Atlantic Richfield Co.
(Getty Oil Co.)
WELL G. W. Toby No. 1
(MLMU No. 243)
FIELD Langlie Mattix
LOCATION 660 FSL & 660 FEL (P)
Section 12, T-24-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3322
GL

10

COMPANY Atlantic Richfield Company
(Reserve Oil Inc.)
WELL Bates No. 1
(CJU No. 101)
FIELD Langlie Mattix
LOCATION 660 FNL & 1980 FWL (C)
Section 18, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3306 Est.
GL



1-24-73
3695

COMPLETION RECORD

SPUD DATE
COMP DATE 6-13-37
TD 3656
PBTD 3505
CASING RECORD 13 @ 272 w/200
8 5/8@ 2780 w/700
7 @ 3220 w/100
PERFORATING RECORD OH: 3220-3505
STIMULATION None reported
IP IPF = 10,000 MCFPD
GOR
GR
TP
CP
CHOKE
TUBING
@
DST RECORD DST 3540-3553 No show.
Avg. 1960 Prod: 0 BOPD
344 MCFPD
REMARKS

COMPLETION RECORD

SPUD DATE 11-1-39
COMP. DATE 1-4-40
TD 3570
PBTD 3570
CASING RECORD 12 1/2 @ 252 w/200
9 5/8 @ 2751 w/700
7 @ 3400 w/ 75
PERFORATING RECORD OH 3500-3570:
(Queen oil and gas)
OH 3468-3500:
(Seven Rivers gas)
STIMULATION Natural
IP IPF = 184 BOPD + 300 MCFPD
GOR 1630/1
GR
TP
CP
CHOKE
TUBING 2 7/8 @ 3570
DST RECORD DST 3397-3495 Op 0:15
No shows.
DST 3449-3456 F/10,000 MCFPD
DST 3480-3487 F/16,000 MCFPD
Avg. 1960 Prod: 1 BOPD
242 MCFPD
REMARKS Well converted to water injection well
in MLMU waterflood.

COMPLETION RECORD

SPUD DATE 1-1-37
COMP. DATE
TD 3685
PBTD 3685
CASING RECORD 9 5/8 @ 2844 w/700
7 @ 3257 w/ 40
PERFORATING RECORD OH: 3257-3685
STIMULATION Natural
IP 24,500 MCFPD
GOR
GR
TP
CP
CHOKE
TUBING
@
DST RECORD DST 3050-3163 Op 0:15, 300 MCFPD
DST 3153-3267 Op 1:10, 600 MCFPD
DST 3267-3328 Op 0:20, 2800 MCFPD
DST 3310-3500 Op 0:15, 5500 MCFPD
Well dualed with Jalmat on an unknown
date.
REMARKS Avg. 1960 Langlie Mattix Prod: 1 BOPD
242 MCFPD
Well T. A. in Langlie Mattix

COMPLETION RECORD

SPUD DATE 10-21-41
COMP. DATE
TD 3572
PBTD
CASING RECORD 9 5/8 @ 2822 w/500
7 @ 3440 w/100
PERFORATING RECORD OH 3440-3572
STIMULATION None reported
IP IPF = 264 BOPD
GOR 1065
GR
TP
CP
CHOKE 4/64
TUBING
@
DST RECORD
Avg. 1960 Prod: 7 BOPD
103 MCFPD
Well converted to water injection well
REMARKS in CJU waterflood.

V.R.N.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

9

COMPANY Atlantic Richfield Co.
(Getty Oil Co.)
WELL G. W. Toby No. 1
(MLMU No. 243)
FIELD Langlie Mattix
LOCATION 660 FSL & 660 FEL (P)
Section 12, T-24-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3322
GL

10

COMPANY Atlantic Richfield Company
(Reserve Oil Inc.)
WELL Bates No. 1
(CJU No. 101)
FIELD Langlie Mattix
LOCATION 660 FNL & 1980 FWL (C)
Section 18, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3306 Est.
GL

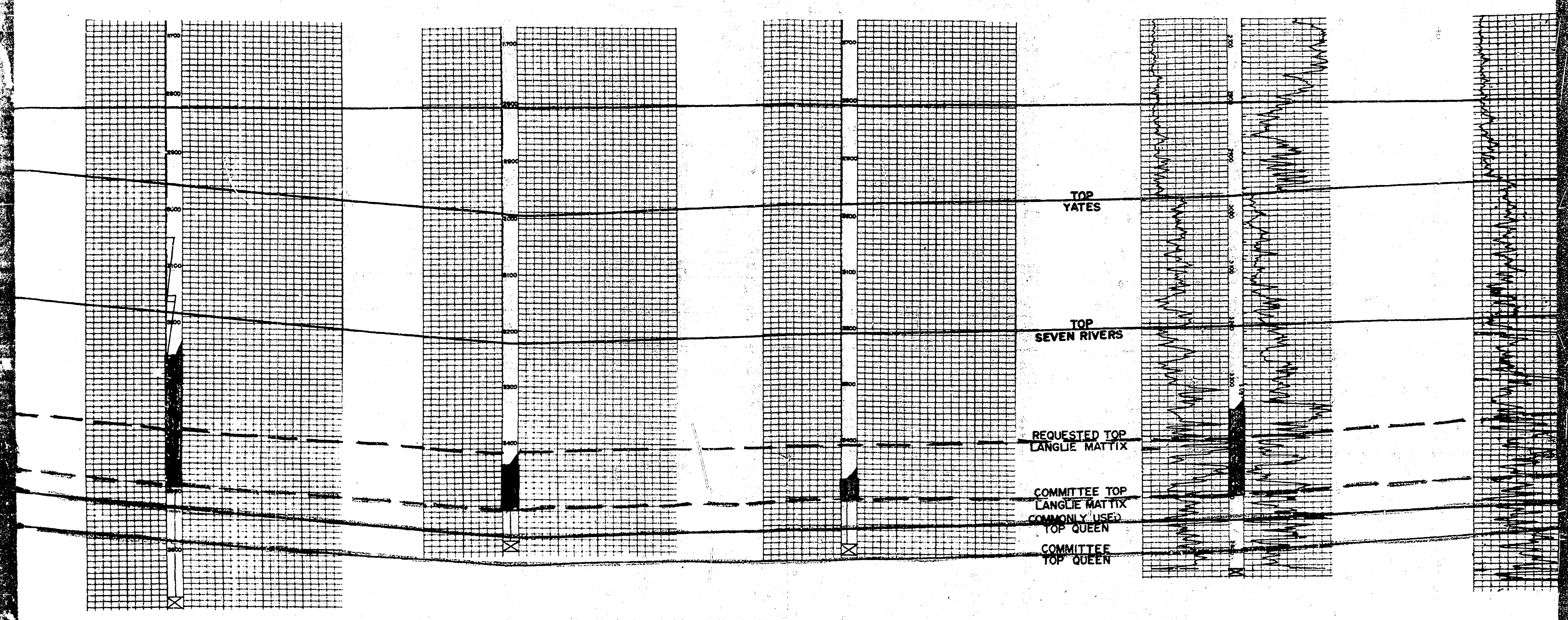
11

COMPANY Atlantic Richfield Company
(Reserve Oil and Gas)
WELL Bates No. 3
(CJU No. 105)
FIELD Langlie Mattix
LOCATION 1980 FNL & 1980 FWL (F)
Section 18, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3304
GL

12

COMPANY Cities Service Oil Company
(Reserve Oil Inc.)
WELL Jack No. 1
(CJU No. 109)
FIELD Langlie Mattix
LOCATION 1980 FSL and FWL (K)
Section 18, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3311
GL

COMPANY Cities Ser
(Reserve
WELL Jack No.
(CJU No.
FIELD Langlie Ma
LOCATION 660 FSL &
Section 18
COUNTY Lea
STATE New Mexico
ELEVATIONS:



COMPLETION RECORD

SPUD DATE 1-1-37 COMP DATE
TD 3685 PBTD 3685
CASING RECORD 9 5/8 @ 2844 w/700
7 @ 3257 w/ 40
PERFORATING RECORD OH: 3257-3685
STIMULATION Natural
IP 24,500 MCFPD
GOR GR
TP CP
CHOKE TUBING @
DST RECORD DST 3050-3163 Op 0:15, 300 MCFPD
DST 3153-3267 Op 1:10, 600 MCFPD
DST 3267-3328 Op 0:20, 2800 MCFPD
DST 3310-3500 Op 0:15, 5500 MCFPD
Well dualed with Jalmat on an unknown
date.
REMARKS Avg. 1960 Langlie Mattix Prod: 1 BOPD
242 MCFPD
Well T. A. in Langlie Mattix

COMPLETION RECORD

SPUD DATE 10-21-41 COMP. DATE
TD 3572 PBTD
CASING RECORD 9 5/8 @ 2822 w/500
7 @ 3440 w/100
PERFORATING RECORD OH 3440-3572
STIMULATION None reported
IP IPF = 264 BOPD
GOR 1065 GR
TP CP
CHOKE 4/64 TUBING @
DST RECORD
Avg. 1960 Prod: 7 BOPD
103 MCFPD
Well converted to water injection well
REMARKS in CJU waterflood.

COMPLETION RECORD

SPUD DATE 6-10-46 COMP. DATE 7-12-46
TD 3583 PBTD 3583
CASING RECORD 8 5/8 @ 1282 w/550
5 1/2 @ 3468 w/250
PERFORATING RECORD OH 3468-3583
STIMULATION Natural
IP IFP = 45 BOPD
GOR GR
TP CP
CHOKE 3/4 TUBING 2 3/8 @ 3561
DST RECORD
Avg. 1960 Prod: 2 BOPD
33 MCFPD
REMARKS

COMPLETION RECORD

SPUD DATE 9-25-48 COMP. DATE 10-27-48
TD 3638 PBTD
CASING RECORD 8 5/8 @ 300 w/150
5 1/2 @ 3354 w/400
PERFORATING RECORD OH 3354-3638
STIMULATION None reported
IP IPF = 124 BOPD
GOR 4153 GR 33
TP CP
CHOKE TUBING @
DST RECORD
Avg. 1964 Prod: 1 BOPD
255 MCFPD
Well converted to water injection well
in CJU waterflood.
REMARKS

COMP

SPUD DATE 10-28-48
TD 3648
CASING RECORD 8 5/8 @ 3
5 1/2 @ 335
PERFORATING RECORD OH 335
STIMULATION Shot 290 Q
IP IPF = 65 BO
GOR
TP
CHOKE
DST RECORD
Avg. 1964 Pr
REMARKS

11

COMPANY Atlantic Richfield Company
(Reserve Oil and Gas)
WELL Bates No. 3
(CJU No. 105)
FIELD Langlie Mattix
LOCATION 1980 FNL & 1980 FWL (F)
Section 18, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3304
GL

12

COMPANY Cities Service Oil Company
(Reserve Oil Inc.)
WELL Jack No. 1
(CJU No. 109)
FIELD Langlie Mattix
LOCATION 1980 FSL and FWL (K)
Section 18, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3311
GL

13

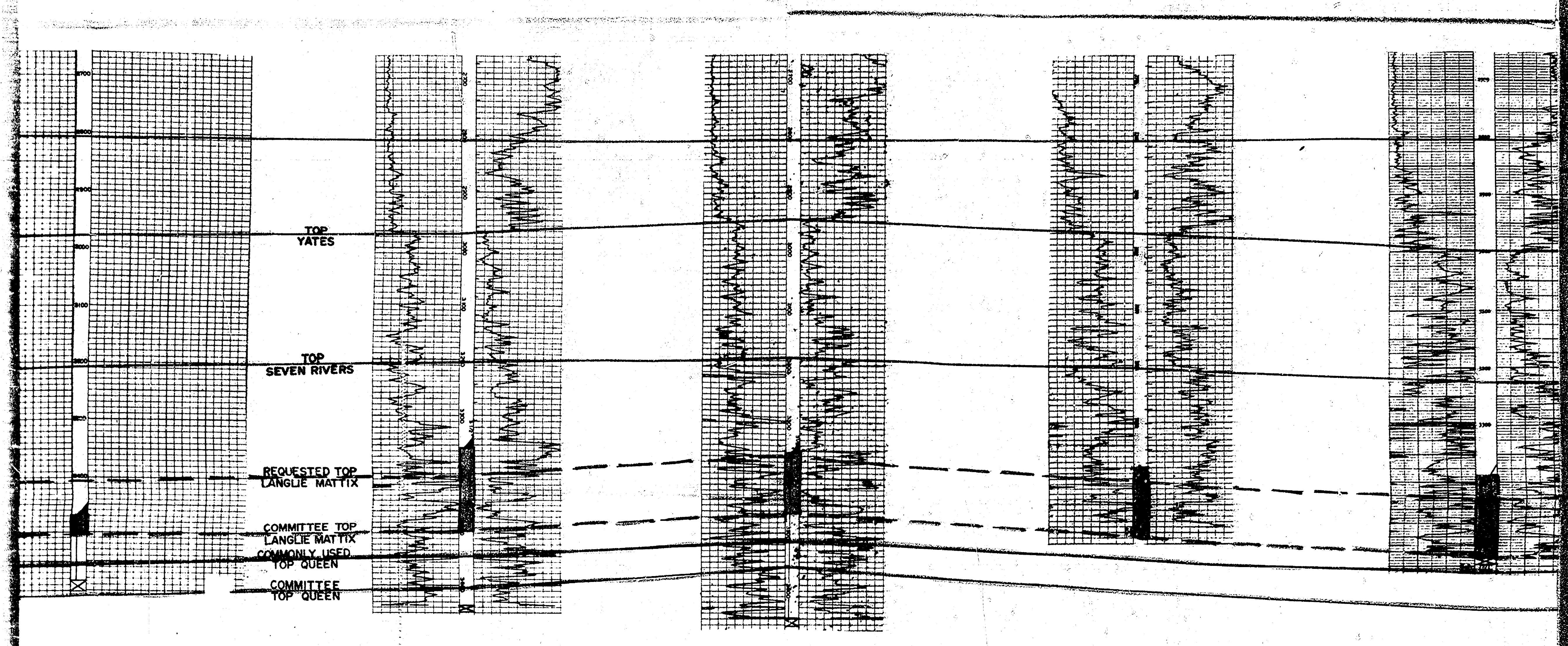
COMPANY Cities Service Oil Company
(Reserve Oil Inc.)
WELL Jack No. 2
(CJU No. 117)
FIELD Langlie Mattix
LOCATION 660 FSL & 1980 FWL (N)
Section 18, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3308
GL

14

COMPANY Conoco
(Reserve Oil & Gas)
WELL Jack Fed. No. 8
(CJU No. 124 - WI)
FIELD Langlie Mattix
LOCATION 660 FNL & 1917 FWL (C)
Section 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3309
GL

15

COMPANY Conoco
(Reserve Oil and Gas)
WELL Jack Fed. No. 7
(CJU No. 129)
FIELD Langlie Mattix
LOCATION 1650 FNL & 158[illegible] FWL (F)
Section 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3306
GL



COMPLETION RECORD

DATE 6-10-46 COMP. DATE 7-12-46
3583 PBTD 3583
RECORD 8 5/8 @ 1282 w/550
5 1/2 @ 3468 w/250
ORATING RECORD OH 3468-3583
LATION Natural
IFP = 45 BOPD
GR
CP
3/4 TUBING 2 3/8 @ 3561
RECORD
Avg. 1960 Prod: 2 BOPD
33 MCFPD
ARKS

COMPLETION RECORD

SPUD DATE 9-25-48 COMP. DATE 10- -48
TD 3638 PBTD
CASING RECORD 8 5/8 @ 300 w/150
5 1/2 @ 3354 w/400
PERFORATING RECORD OH 3354-3638
STIMULATION None reported
IP IPF = 124 BOPD
GOR 4153 GR 33
TP CP
CHOKE TUBING @
DST RECORD
Avg. 1964 Prod: 1 BOPD
255 MCFPD
Well converted to water injection well
in CJU waterflood.
REMARKS

COMPLETION RECORD

SPUD DATE 10-28-48 COMP. DATE 11-24-48
TD 3648 PBTD
CASING RECORD 8 5/8 @ 334 w/150
5 1/2 @ 3350 w/500
PERFORATING RECORD OH 3350-3648
STIMULATION Shot 290 Q 3450-3648
IP IPF = 65 BOPD
GOR GR
TP CP
CHOKE TUBING @
DST RECORD
Avg. 1964 Prod: 1 BOPD
240 MCFPD
REMARKS

COMPLETION RECORD

SPUD DATE 2-22-56 COMP. DATE 3-9-56
TD 3530 PBTD
CASING RECORD 9 5/8 @ 308 w/175
5 1/2 @ 3530 w/400
PERFORATING RECORD Perf 3380-3482 w/244
STIMULATION SF/19,600 + 28,000
IP IPF = 54 BOPD + 2800 MCFPD
GOR GR
TP 180 CP 280
CHOKE 3/4 TUBING 2 3/8 @ 3450
DST RECORD
Avg. 1960 Prod: 5 BOPD
283 MCFPD
Well converted to water injection well
in CJU waterflood.
REMARKS

COMPLETION RECORD

SPUD DATE 3-27-54 COMP. DATE 9-11-
TD 3535 PBTD 3535
CASING RECORD 8 5/8 @ 330 w/175
5 1/2 @ 3386 w/300
PERFORATING RECORD OH 3386-3535
(3rd thru 5th Seven Rive
STIMULATION SF/8000
IP IPF = 120 BOPD + 500 MCFPD
GOR GR 37.0
TP 200 CP 400
CHOKE 20/64 TUBING 2 3/8 @
DST RECORD
Avg. 1960 Prod: 7 BOPD
283 MCFPD
REMARKS

W.K.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

13

...vice Oil Company
...il Inc.)
...17)
...ttix
...1980 FWL (N)
... T-24-S, R-37-E
KB
DF 3308
GL

14

COMPANY Conoco
(Reserve Oil & Gas)
WELL Jack Fed. No. 8
(CJU No. 124 - WI)
FIELD Langlie Mattix
LOCATION 660 FNL & 1917 FWL (C)
Section 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3309
GL

15

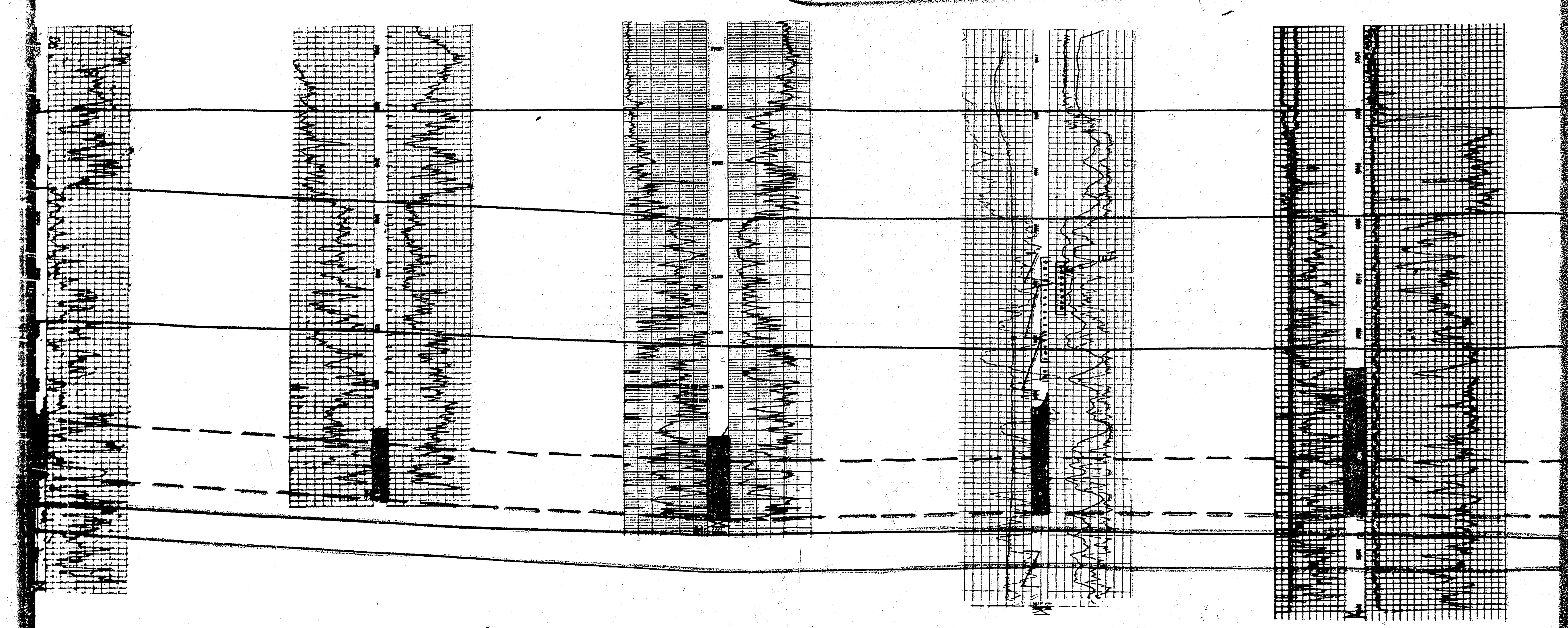
COMPANY Conoco
(Reserve Oil and Gas)
WELL Jack Fed. No. 7
(CJU No. 129)
FIELD Langlie Mattix
LOCATION 1650 FNL & 1587 FWL (F)
Section 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3306
GL

16

COMPANY Amerada
(Reserve Oil Inc.)
WELL A. G. Falby No. 3
(CJU No. 240 & 133)
FIELD Jalmat and Langlie Mattix
LOCATION 1980 FSL & 1916 FWL (K)
Section 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3295
GL

17

COMPANY Reserve Oil Inc.
WELL Cooper Jal Unit No. 153
FIELD Langlie Mattix
LOCATION 1400 FSL & 280 FWL (L)
Section 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3300
DF
GL 3290



...TION RECORD
COMP DATE 11-24-48
PBTD
... w/150
... w/500
...-3648
... 3450-3646
GR
CP
... @
...Prod: 1 BOPD
240 MCFPD

COMPLETION RECORD
SPUD DATE 2-22-56 COMP DATE 3-9-56
TD 3530 PBTD
CASING RECORD 9 5/8 @ 308 w/175
5 1/2 @ 3530 w/400
PERFORATING RECORD Perf 3380-3482 w/244
STIMULATION SF/19,600 + 28,000
IP IPF = 54 BOPD + 2800 MCFPD
GOR GR
TP 180 CP 280
CHOKE 3/4 TUBING 2 3/8 @ 3450
DST RECORD
Avg. 1960 Prod: 5 BOPD
283 MCFPD
Well converted to water injection well in CJU waterflood.
REMARKS

COMPLETION RECORD
SPUD DATE 8-27-54 COMP DATE 9-11-54
TD 3535 PBTD 3535
CASING RECORD 8 5/8 @ 330 w/175
5 1/2 @ 3386 w/300
PERFORATING RECORD OH 3386-3535
(3rd thru 5th Seven Rivers)
STIMULATION SF/8000
IP IPF = 120 BOPD + 500 MCFPD
GOR GR 37.0
TP 200 CP 400
CHOKE 20/64 TUBING 2 3/8 @ 3465
DST RECORD
Avg. 1960 Prod: 7 BOPD
283 MCFPD
REMARKS

COMPLETION RECORD
SPUD DATE 9-20-49 COMP DATE 10-12-49
TD 3680 PBTD 3241
CASING RECORD 8 5/8 @ 315 w/175
5 1/2 @ 3320 w/950
PERFORATING RECORD Perf 3053-3241
STIMULATION A/1000
IP IPF 52 BOPD
GOR GR
TP CP
CHOKE TUBING @
DST RECORD DST 3047-3100 GTS 20", FTo 26 BO 4 Hrs, R 115'O. DST 3101-3200 GTS 15", R 50' HGCM + 625' HG & OCM. DST 3200-3292 GTS 2" @ 2840 MCFPD, 15" SIP = 1125. DST 3580-3640 R 20' M
8-24-55: Recompleted 3182-3278 & OH 3320-3625.
REMARKS Avg 1960 Prod: 13 BOPD
456 MCFPD
Well converted to Jalmat and Langlie Mattix water injection well in CJU waterflood.

COMPLETION RECORD
SPUD DATE COMP DATE 2-1-78
TD PBTD
CASING RECORD 8 5/8 @ 368 w/ 200
5 1/2 @ 3711 w/1000
PERFORATING RECORD 3278-3576 w/17
STIMULATION A/4000
SWF/42,200 + 47,500
IP IPP= 49 BO + 189 BWPD
GOR GR
TP CP
CHOKE TUBING @
DST RECORD
Recently drilled Langlie Mattix producer
REMARKS

16

COMPANY Amerada
(Reserve Oil Inc.)
WELL A. G. Falby No. 3
(CJU No. 240 & 133)
FIELD Jalmat and Langlie Mattix
LOCATION 1980 FSL & 1916 FWL (K)
Section 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3295
GL

17

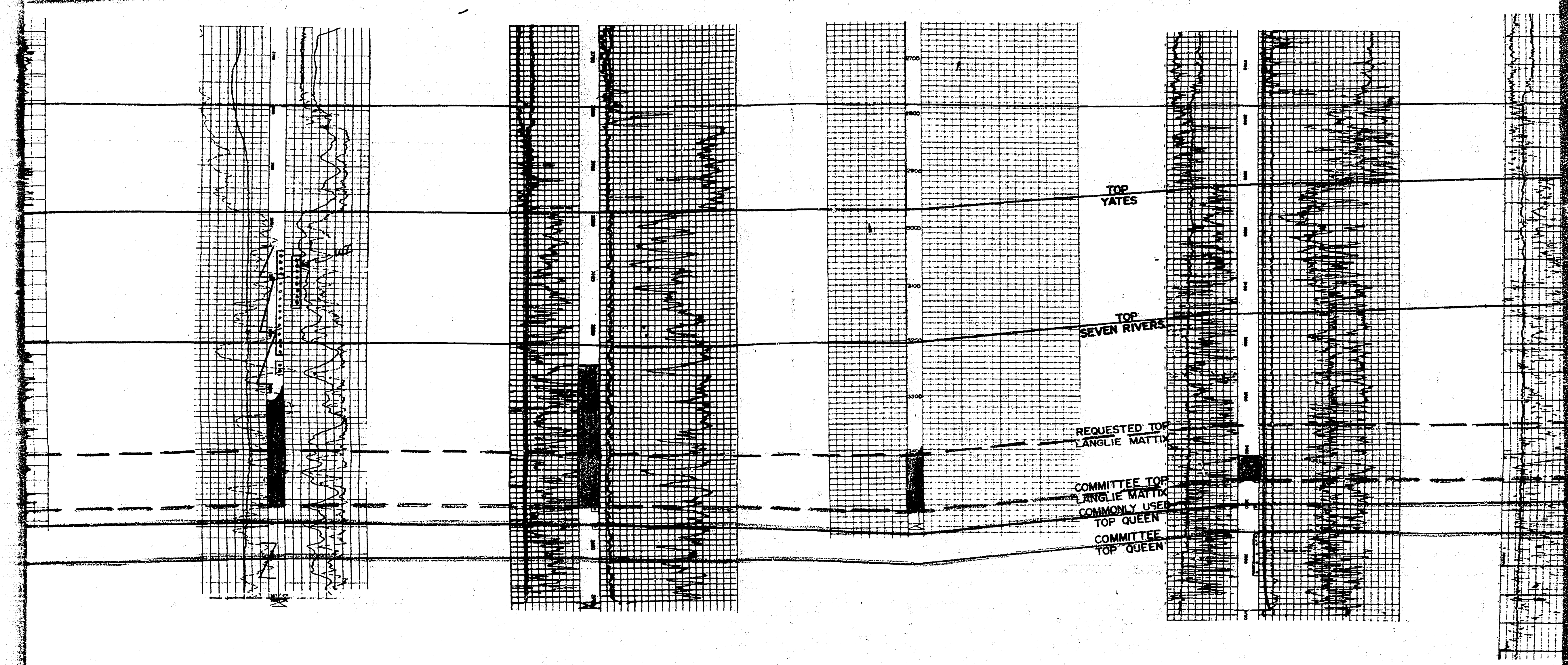
COMPANY Reserve Oil Inc.
WELL Cooper Jal Unit No. 153
FIELD Langlie Mattix
LOCATION 1400 FSL & 280 FWL (L)
Section 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3300
DF
GL 3290

18

COMPANY Texaco
(Reserve Oil, Inc.)
WELL Fristoe "B" NCT 3 No. 5
(CJU No. 141)
FIELD Langlie Mattix
LOCATION 330' FNL & FWL (D)
Section 30, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3286
GL

19

COMPANY Gulf Oil Corporation
WELL C. D. Woolworth No. 4
FIELD Langlie Mattix
LOCATION 2080 FSL & 760 FWL (L)
Section 30, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3276
DF
GL 3265



COMPLETION RECORD

SPUD DATE 9-20-49 COMP. DATE 10-12-49
TD 3680 PBTD 3241
CASING RECORD 8 5/8 @ 315 w/175
5 1/2 @ 3320 w/950
PERFORATING RECORD Perf 3053-3241
STIMULATION A/1000
IP IPF 52 BOPD
GOR GR
TP CP
CHOKE TUBING @
DST RECORD DST 3047-3100 OTS 20", Flo 26 BO 4 Hrs. R 115'O. DST 3101-3200 GTS 15", R 50' HGCM + 625' HG & OCM. DST 3200-3292 GTS 2" @ 2840 MCFPD, 15" SIP = 1125. DST 3580-3640 R 20' M
8-24-55: Recompleted 3182-3278 & OH 3320-3625.
REMARKS Avg 1960 Prod: 13 BOPD
456 MCFPD
Well converted to Jalmat and Langlie Mattix water injection well in CJU waterflood.

COMPLETION RECORD

SPUD DATE COMP. DATE 2-1-78
TD PBTD
CASING RECORD 8 5/8 @ 368 w/ 200
5 1/2 @ 3711 w/1000
PERFORATING RECORD 3278-3576 w/17
STIMULATION A/4000
SWF/42,200 + 47,500
IP IPP= 49 BO + 189 BWPD
GOR GR
TP CP
CHOKE TUBING @
DST RECORD
Recently drilled Langlie Mattix producer
REMARKS

COMPLETION RECORD

SPUD DATE 8-16-55 COMP. DATE 9-9-55
TD 3535 PBTD
CASING RECORD 8 5/8 @ 1140 w/500
5 1/2 @ 3410 w/400
PERFORATING RECORD OH 3410-3535
STIMULATION A/500
IP IPF = 141 BOPD
GOR 947 GR
TP CP
CHOKE 24/64 TUBING @
DST RECORD
Avg. 1960 Prod= 5 BOPD
36 MCFPD
REMARKS

COMPLETION RECORD

SPUD DATE 3-22-77 COMP. DATE 5-14-77
TD 3700 PBTD 3680
CASING RECORD 8 5/8 @ 362 w/ 300
4 1/2 @ 3700 w/1100
PERFORATING RECORD Perf 3414-3662 w/56
STIMULATION A/3600
SWF/35,000 x 52,500
IP IPP = 48 BO + 81 BWPD
GOR GR 30.3
TP CP
CHOKE TUBING @
DST RECORD
REMARKS

N.M.O.C.D. MICROGRAPHICS
BEST AVAILABLE COPY

18

COMPANY Texaco
(Reserve Oil, Inc.)
WELL Fristoe "B" NCT 3 No. 5
(CJU No. 141)
FIELD Langlie Mattix
LOCATION 330' FNL & FWL (D)
Section 30, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3286
GL

19

COMPANY Gulf Oil Corporation
WELL C. D. Woolworth No. 4
FIELD Langlie Mattix
LOCATION 2080 FSL & 760 FWL (L)
Section 30, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3276
DF
GL 3265

20

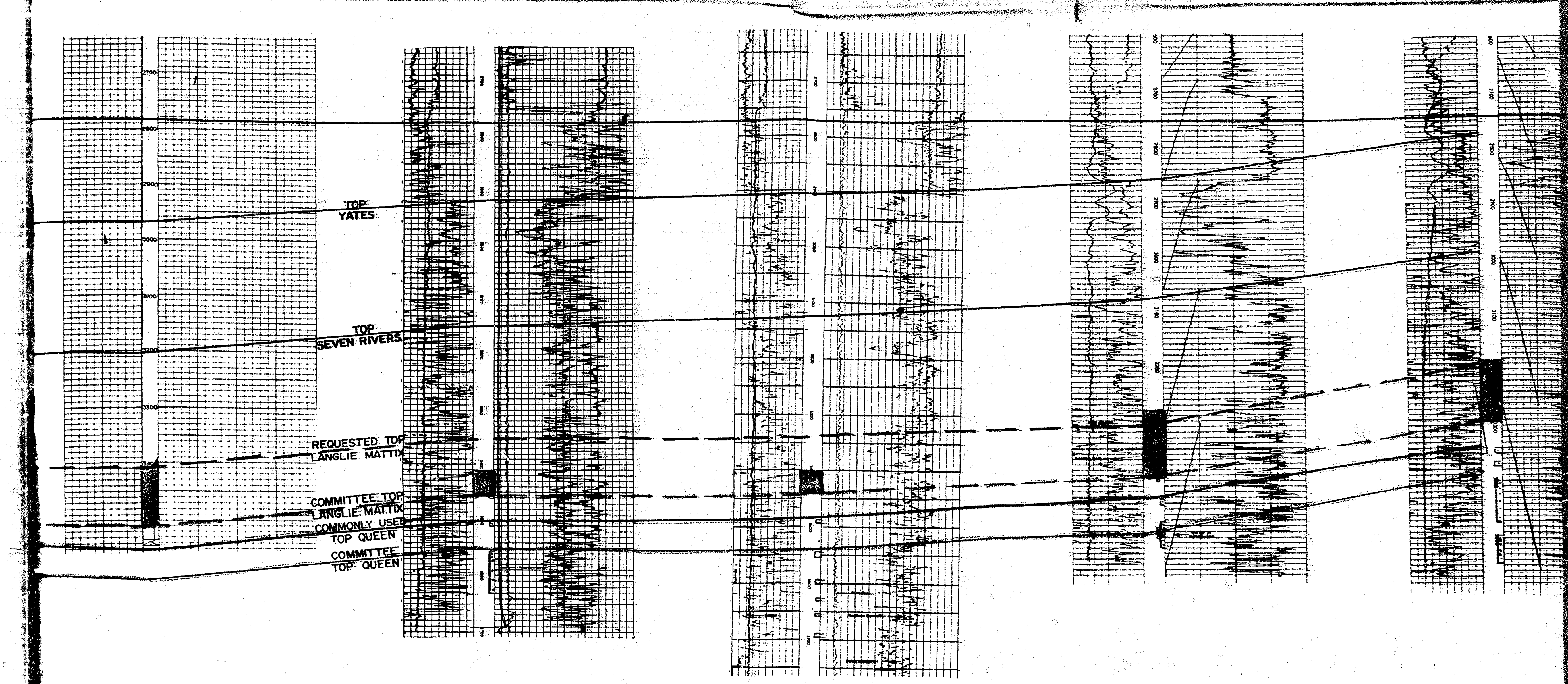
COMPANY Gulf Oil Corporation
WELL Woolworth No. 5
FIELD Langlie Mattix
LOCATION 660 FSL & FWL (M)
Section 30, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3271
DF
GL 3262

21

COMPANY Union Texas Petroleum
WELL Langlie-Jal Unit No. 13
FIELD Langlie Mattix
LOCATION 1980 FNL & 1980 FWL (F)
Sec. 31, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3251
DF
GL

22

COMPANY Union Texas Petroleum
WELL Langlie Jal Unit No.
FIELD Langlie Mattix
LOCATION 660 FSL & 1980 FWL
Sec. 31, T-24-S, R-3
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 32
DF
GL



COMPLETION RECORD

SPUD DATE 8-16-55 COMP. DATE 9-9-55
TD 3535 PBTD
CASING RECORD 8 5/8 @ 1140 w/500
5 1/2 @ 3410 w/400
PERFORATING RECORD OH 3410-3535
STIMULATION A/500
IP IPF = 141 BOPD
GOR 947 GR
TP CP
CHOKE 24/64 TUBING @
DST RECORD
Avg. 1960 Prod= 5 BOPD
36 MCFPD
REMARKS

COMPLETION RECORD

SPUD DATE 3-22-77 COMP. DATE 5-14-77
TD 3700 PBTD 3680
CASING RECORD 8 5/8 @ 362 w/ 300
4 1/2 @ 3700 w/1100
PERFORATING RECORD Perf 3414-3662 w/56
STIMULATION A/3600
SWF/35,000 x 52,500
IP IPP = 48 BO + 81 BWPD
GOR GR 30.3
TP CP
CHOKE TUBING @
DST RECORD
REMARKS

COMPLETION RECORD

SPUD DATE 2-27-78 COMP. DATE 4-13-78
TD 3750 PBTD
CASING RECORD 9 5/8 @ 371 w/250
4 1/2 @ 3750 w/800
PERFORATING RECORD Perf 3406-3692 w/28
STIMULATION [illegible]5400
[illegible]18,000 x 30,000
IP IPP = 25 BO + 26 BWPD
GOR GR 42.3
TP CP
CHOKE TUBING @
DST RECORD
REMARKS

COMPLETION RECORD

SPUD DATE 9-25-71 COMP. DATE 4-6-72
TD 3600 PBTD 3576
CASING RECORD 8 5/8 @ 302 w/475
4 1/2 @ 3600 w/1222
PERFORATING RECORD Perf: 3280-3543 w/46
STIMULATION A/500
IP Completed as Water Injector
GOR GR
TP CP
CHOKE TUBING @
DST RECORD
REMARKS

COMPLETION RECORD

SPUD DATE 9-9-71 COMP. DATE
TD 3600 PBTD
CASING RECORD 8 5/8 @ 339 w/475
4 1/2 @ 3595 w/1200
PERFORATING RECORD Perf: 3185-3547
STIMULATION A/1500
IP Completed as Water In
GOR GR
TP CP
CHOKE TUBING
DST RECORD
REMARKS

V.R.N.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

B'
SOUTH

● 20

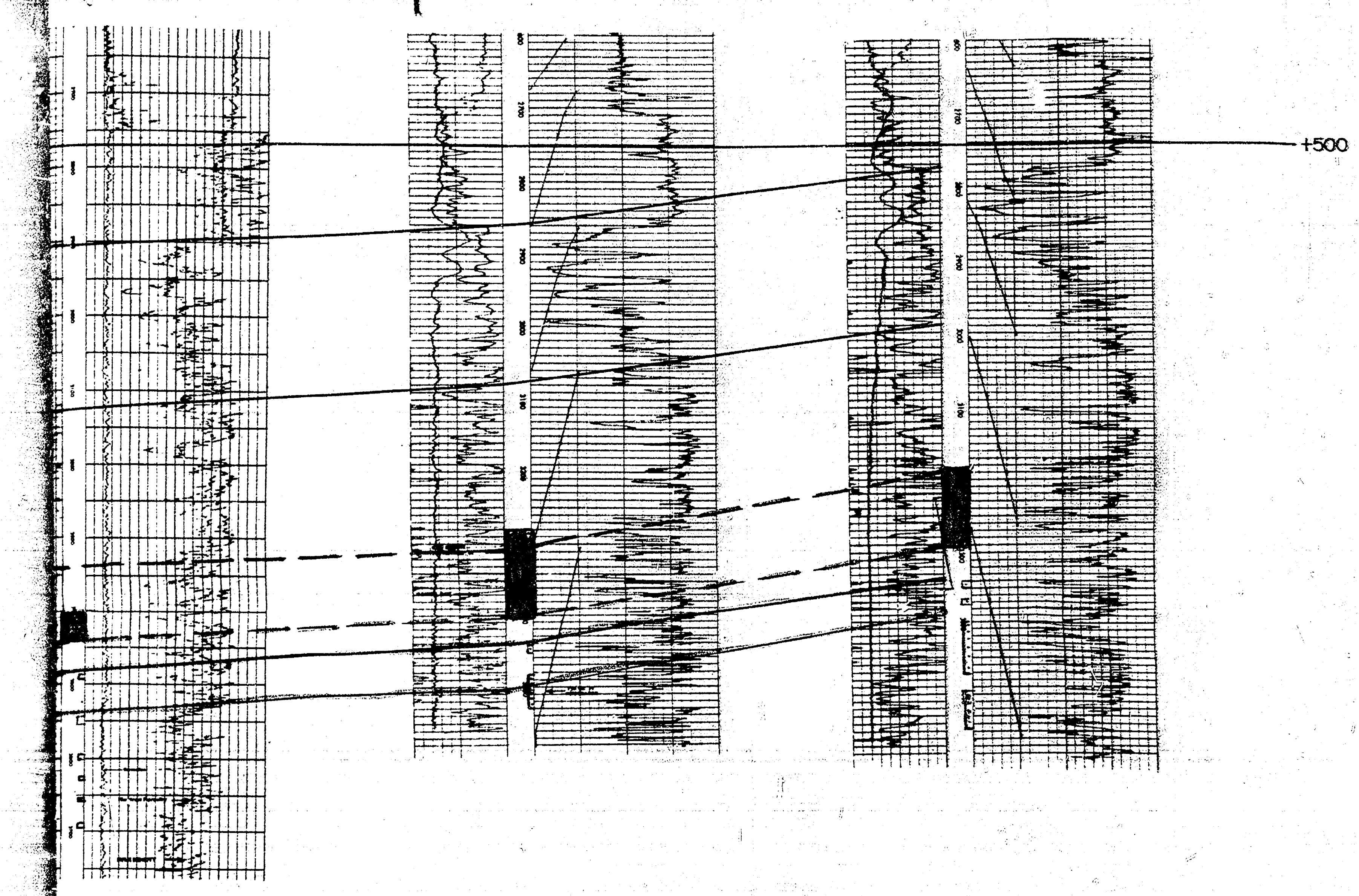
ulf Oil Corporation
olworth No. 5
anglie Mattix
60 FSL & FWL (M)
ection 30, T-24-S, R-37-E
ea
w Mexico
KB 3271
DF
GL 3262

△ 21

COMPANY Union Texas Petroleum
WELL Langlie-Jal Unit No. 13
FIELD Langlie Mattix
LOCATION 1980 FNL & 1980 FWL (F)
Sec. 31, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3251
DF
GL

△ 22

COMPANY Union Texas Petroleum
WELL Langlie Jal Unit No. 29
FIELD Langlie Mattix
LOCATION 660 FSL & 1980 FWL (N)
Sec. 31, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3242
DF
GL



COMPLETION RECORD

-27-73 COMP. DATE 4-13-73
750 PBTD
5/8 @ 371 w/250
1/2 @ 3750 w/800
Perf 3406-3692 w/28
[illegible]
[illegible]
PP = 25 BO + 26 BWPD
GR 42.3
CP
TUBING @

COMPLETION RECORD

SPUD DATE 9-25-71 COMP. DATE 4-6-72
TD 3600 PBTD 3576
CASING RECORD 8 5/8 @ 802 w/475
4 1/2 @ 3600 w/1222
PERFORATING RECORD Perf: 3280-3543 w/46
STIMULATION A/500
IP Completed as Water Injector
GOR GR
TP CP
CHOKE TUBING @
DST RECORD
REMARKS

COMPLETION RECORD

SPUD DATE 9-9-71 COMP. DATE 5-10-72
TD 3600 PBTD 3565
CASING RECORD 8 5/8 @ 839 w/475
4 1/2 @ 3595 w/1200
PERFORATING RECORD Perf: 3185-3547 w/61
STIMULATION A/1500
IP Completed as Water Injector
GOR GR
TP CP
CHOKE TUBING @
DST RECORD
REMARKS

C
WEST

1

COMPANY	Texas Pacific (Reserve Oil Inc.)
WELL	Cooper No. 6 (CJU No. 111)
FIELD	Langlie Mattix
LOCATION	600 FSL & 330 FEL (P) Sec. 14, T-24-S, R-36-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS: KB	
DF	3342
GL	

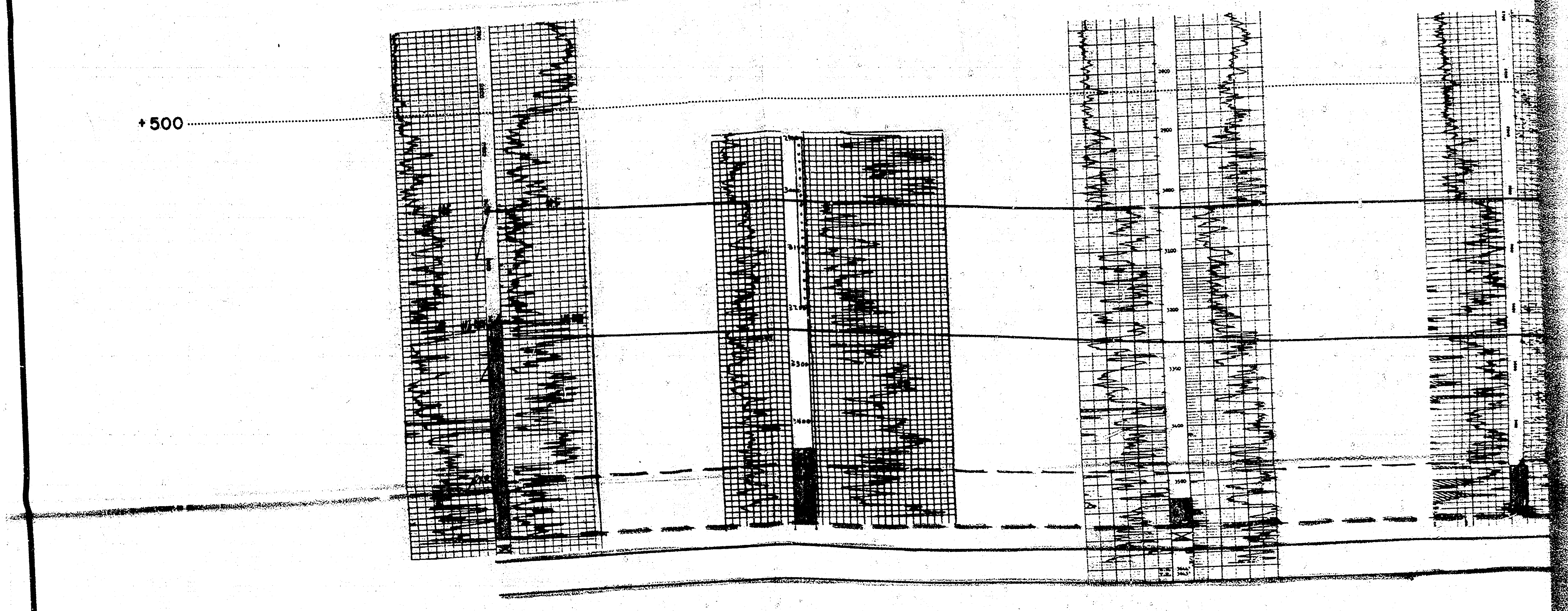
2

COMPANY	EXXON (Reserve Oil Inc.)
WELL	Hunter No.1 (CJU No. 152)
FIELD	Langlie Mattix
LOCATION	660 FNL & FWL (D) Sec. 24, T-24-S, R-36-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS: KB	
DF	3343
GL	

COMPANY	EXXON (Reserve Oil Inc.)
WELL	E. Hunter No. 5 (CJU No. 125)
FIELD	Langlie Mattix
LOCATION	1650 FNL & 2310 FWL (F) Sec. 24, T-24-S, R-36-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS: KB	
DF	3333
GL	

4

COMPANY	Reserve Oil Inc.
WELL	Phillips No. 3 (CJU No. 132)
FIELD	Langlie Mattix
LOCATION	2310 FSL & 990 FEL Sec. 24, T-24-S, R-3
COUNTY	Lea
STATE	New Mexico
ELEVATIONS: KB	33
DF	
GL	



COMPLETION RECORD

SPUD DATE	1-17-50
COMP. DATE	2-28-50
TD	3595
PBTD	
CASING RECORD	9 5/8 @ 330 w/250 7 @ 3203 w/400
PERFORATING RECORD	OH: 3203 - 3595 PKR @ 3470
STIMULATION	Natural
IP F	56 BOPD
GOR	
GR	32.5
TP	30
CP	
CHOKE	
TUBING	2 3/8 @ 3591
DST RECORD	DST 3000 - 3010: GTS 3" @ 3000 MCFPD DST 3255 - 3298: GTS 2" @ 500 MCFPD R 180' M DST 3470 - 3595: GTS 7" @ 200 MCFPD R 300' G & OCM
REMARKS	Avg. 1960 Prod: 6 BOPD 19 MCFPD

COMPLETION RECORD

SPUD DATE	11-12-35
COMP. DATE	1-13-36
TD	3757
PBTD	3536
CASING RECORD	12 1/2 @ 266 w/200 9 5/8 @ 1368 w/550 7 @ 3551 w/150
PERFORATING RECORD	Perf: 2900 - 3200
STIMULATION	
IP F	2000 MCFGPD
GOR	
GR	
TP	
CP	
CHOKE	3/4"
TUBING	@
DST RECORD	Originally a Jalmat Gas Well. Re-completed 12-9-77 as CJU Langlie Mattix Oil Producer from Perfs 3450-3546 for 8 BOPD. GOR 1882. (Upper Perfs packed off)
REMARKS	

COMPLETION RECORD

SPUD DATE	8-6-54
COMP. DATE	9-5-54
TD	3653
PBTD	3584
CASING RECORD	8 5/8 @ 1184 w/375 5 1/2 @ 3653 w/680
PERFORATING RECORD	Perf 3530-42 w/48
STIMULATION	A/500 SF/6000
IP	IPF = 500 BOPD
GOR	1607
GR	34.5
TP	155
CP	425
CHOKE	1/2
TUBING	2 3/8 @ 3544
DST RECORD	9-1-54 Perf 3617-3622 w/20 holes. A/500. SF/3000. Swbd 8 3/4 BO plus 20% wtr in 4 hrs. Set BP @ 3584.
REMARKS	Avg. 1960 Prod: 4 BOPD 16 MCFPD

COMPLETION RECORD

SPUD DATE	4-9-54
COMP. DATE	
TD	3555
PBTD	
CASING RECORD	8 5/8 @ 280 w/150 5 1/2 @ 3475 w/400
PERFORATING RECORD	OH: 3475-3555
STIMULATION	SF/4000
IP	IPF = 173 BOPD
GOR	
GR	35.
TP	
CP	
CHOKE	
TUBING	2 3
DST RECORD	
REMARKS	Avg. 1960 Prod: 3 12

DOYLE HARTMAN

WEST-EAST CROSS SECTION C-C'
(SEC.14, T24S-R36E TO SEC.17, T24S-R37E)
SHOWING
LANGLIE MATTIX INTERVALS

VERT. SCALE: 1"=100'
HOR. SCALE: NONE

D. HARTMAN
R. STUMP

LEGEND

- ▬▬ COMMITTEE TOP QUEEN
- ▬ ▬ COMMITTEE TOP LANGLIE MATTIX INTERVAL (100' ABOVE TOP QUEEN)
- ─── COMMONLY USED TOP QUEEN
- — — REQUESTED EXCEPTION TOP LANGLIE MATTIX (200' ABOVE COMMITTEE TOP QUEEN)
- ■ LANGLIE MATTIX PRODUCTION ABOVE COMMITTEE LANGLIE MATTIX INTERVAL

BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION
Applicants EXHIBIT NO. 5
CASE NO. 6505
Submitted by Doyle Hartman
Hearing Date 3/28/79

●
2

XXON
Reserve Oil Inc.)
unter No.1
CJU No. 152)
angiie Mattix
60 FNL & FWL (D)
ec. 24, T-24-S, R-36-E

ea
ew Mexico
KB
DF 3343
GL

●
3

COMPANY EXXON
(Reserve Oil Inc.)
WELL E. Hunter No. 5
(CJU No. 125)
FIELD Langlie Mattix
LOCATION 1650 FNL & 2310 FWL (F)
Sec. 24, T-24-S, R-36-E

COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3333
GL

●
4

COMPANY Reserve Oil Inc.
WELL Phillips No. 3
(CJU No. 132)
FIELD Langlie Mattix
LOCATION 2310 FSL & 990 FEL (I)
Sec. 24, T-24-S, R-36-E

COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3315
DF
GL

△
5

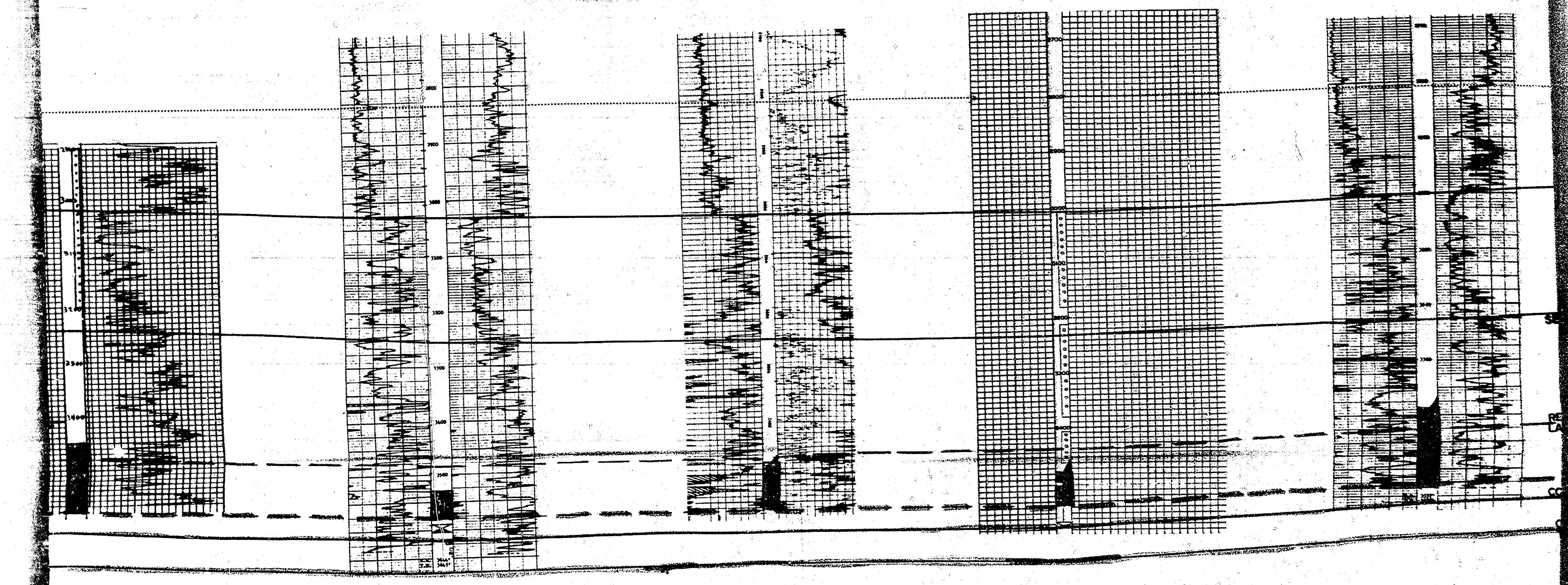
COMPANY Conoco
(Reserve Oil Inc.)
WELL Jack "B-19" No. 1
(CJU No. 147 & No. 207)
FIELD Langlie Mattix & Jalmat
LOCATION 2310 FNL & 330 FWL (E)
Sec. 19, T-24-S, R-37-E

COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3299
GL

●
6

COMPANY Conoco
(Reserve Oil Inc.)
WELL Jack Fed. No. 7
(CJU No. 129)
FIELD Langlie Mattix
LOCATION 1650 FNL & 1587 FWL (F)
Sec. 19, T-24-S, R-37-E

COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3306
GL



COMPLETION RECORD

1-12-35 COMP. DATE 1-13-36
757 PBTD 3536
2 1/2 @ 266 w/200
9 5/8 @ 1368 w/550
7 @ 3551 w/150
D Perf: 2900 - 3200
000 MCFGPD
GR
CP
/4" TUBING @
riginally a Jalmat Gas Well. Re-
mpleted 12-9-77 as CJU Langlie
ttix Oil Producer from Perfs
450-3546 for 8 BOPD. GOR 1882.
pper Perfs packed off)

COMPLETION RECORD

SPUD DATE 8-6-54 COMP. DATE 9-5-54
TD 3653 PBTD 3584
CASING RECORD 8 5/8 @ 1184 w/375
5 1/2 @ 3653 w/680
PERFORATING RECORD Perf 3530-42 w/48
STIMULATION A/500
SF/6000
IP IPF = 500 BOPD
GOR 1507 GR 34.5
TP 155 CP 425
CHOKE 1/2 TUBING 2 3/8 @ 3544
DST RECORD 9-1-54 Perf 3617-3622 w/20 holes. A/500. SF/3000. Swbd 8 3/4 BO plus 20% wtr in 4 hrs. Set BP @ 3584.
REMARKS Avg. 1960 Prod: 4 BOPD
16 MCFPD

COMPLETION RECORD

SPUD DATE 4-9-54 COMP. DATE 5-12-54
TD 3555 PBTD 3555
CASING RECORD 8 5/8 @ 280 w/150
5 1/2 @ 3475 w/400
PERFORATING RECORD OH: 3475-3555
STIMULATION SF/4000
IP IPF = 173 BOPD
GOR GR 35.0
TP CP
CHOKE TUBING 2 3/8 @ 3535
DST RECORD
REMARKS Avg. 1960 Prod: 3 BOPD
12 MCFPD

COMPLETION RECORD

SPUD DATE 3-28-50 COMP. DATE 4-18-50
TD 3167 PBTD
CASING RECORD 9 5/8 @ 267 w/75
7 @ 2975 w/450
4 1/2L@ 2916-3485 w/280
PERFORATING RECORD OH: 2975-3167
STIMULATION Natural
IPF 56 BOPD
GOR GR 37
TP CP 250
CHOKE 3/4 TUBING 2 3/8 @ 3163
DST RECORD Deepened 10-8-71 and completed as a Jalmat & Langlie Mattix Water Injection Well from Perfs 3006-3468 and OH: 3485-3576.
REMARKS

COMPLETION RECORD

SPUD DATE 8-27-54 COMP. DATE 9-11-54
TD 3535 PBTD 3535
CASING RECORD 8 5/8 @ 330 w/175
5 1/2 @ 3386 w/300
PERFORATING RECORD OH: 3386-3535
STIMULATION SF/8000
IP IPF = 120 BOPD + 500 MCFPD
GOR GR 37.0
TP 200 CP 400
CHOKE 20/64 TUBING 2 3/8 @ 3465
DST RECORD
REMARKS Avg. 1960 Prod: 7 BOPD
283 MCFPD

LEGEND

▬ COMMITTEE TOP QUEEN
▬ ▬ COMMITTEE TOP LANGLIE MATTIX INTERVAL (100' ABOVE TOP QUEEN)
— COMMONLY USED TOP QUEEN
- - - REQUESTED EXCEPTION TOP LANGLIE MATTIX (200' ABOVE COMMITTEE TOP QUEEN)
■ LANGLIE MATTIX PRODUCTION ABOVE COMMITTEE LANGLIE MATTIX INTERVAL

W.R.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

5-12-54
3555
@ 3535

5

COMPANY	Conoco (Reserve Oil Inc.)
WELL	Jack "B-19" No. 1 (CJU No. 147 & No. 207)
FIELD	Langlie Mattix & Jalmat
LOCATION	2310 FNL & 330 FWL (E) Sec. 19, T-24-S, R-37-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS: KB	
DF	3299
GL	

6

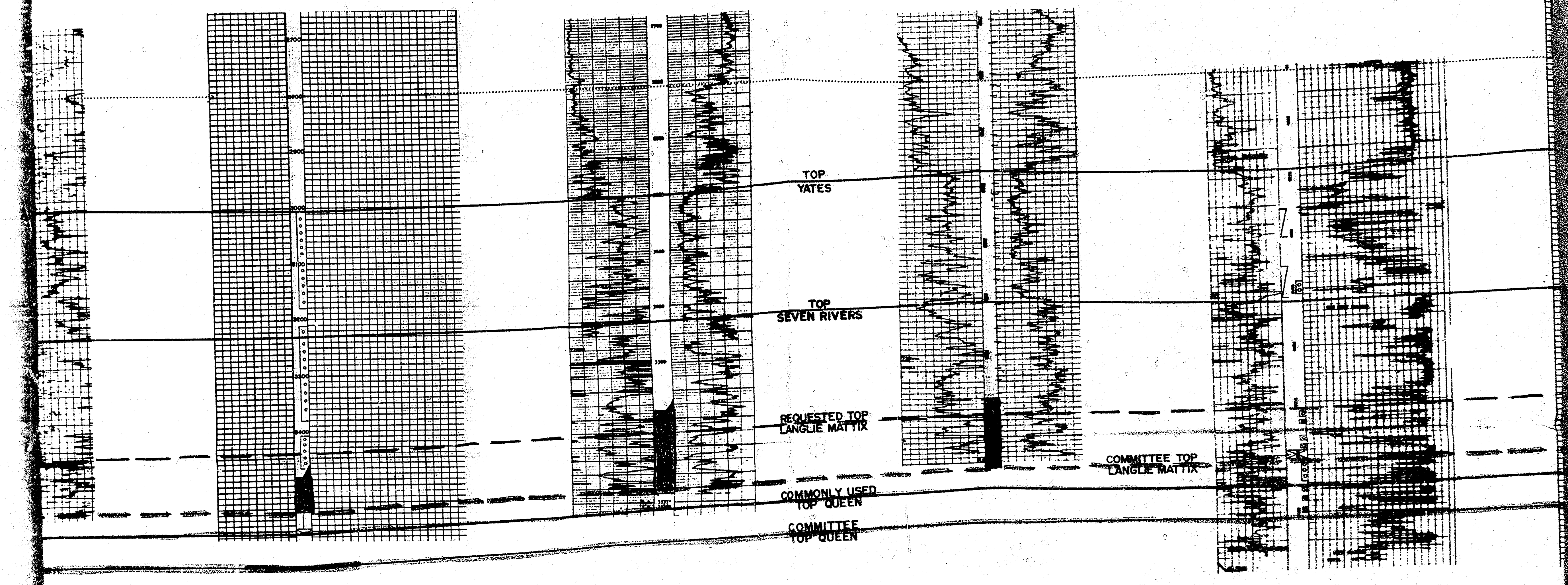
COMPANY	Conoco (Reserve Oil Inc.)
WELL	Jack Fed. No. 7 (CJU No. 129)
FIELD	Langlie Mattix
LOCATION	1650 FNL & 1587 FWL (F) Sec. 19, T-24-S, R-37-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS: KB	
DF	3306
GL	

7

COMPANY	Conoco (Reserve Oil Inc.)
WELL	Jack Fed. No. 8 (CJU No. 124 - WI)
FIELD	Langlie Mattix
LOCATION	660 FNL & 1917 FWL (C) Sec. 19, T-24-S, R-37-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS: KB	
DF	3309
GL	

8

COMPANY	El Paso Natural Gas
WELL	Thomas No. 1
FIELD	Jalmat - Langlie Mattix
LOCATION	600 FNL & 2173 FEL (B) Sec. 19, T-24-S, R-37-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS: KB	
DF	3311
GL	



COMPLETION RECORD

SPUD DATE	3-28-50	COMP. DATE	4-18-50
TD	3167	PBTD	
CASING RECORD	9 5/8 @ 267 w/75 7 @ 2975 w/450 4 1/2L@ 2916-3485 w/280		
PERFORATING RECORD	OH: 2975-3167		
STIMULATION	Natural		
IPF	56 BOPD		
GOR		GR	37
TP		CP	250
CHOKE	3/4	TUBING	2 3/8 @ 3163
DST RECORD	Deepened 10-8-71 and completed as a Jalmat & Langlie Mattix Water Injection Well from Perfs 3006-3468 and OH: 3485-3576.		
REMARKS			

COMPLETION RECORD

SPUD DATE	8-27-54	COMP. DATE	9-11-54
TD	3535	PBTD	3535
CASING RECORD	8 5/8 @ 330 w/175 5 1/2 @ 3386 w/300		
PERFORATING RECORD	OH: 3386-3535		
STIMULATION	SF/8000		
IP	IPF = 120 BOPD + 500 MCFPD		
GOR		GR	37.0
TP	200	CP	400
CHOKE	20/64	TUBING	2 3/8 @ 3465
DST RECORD			
REMARKS	Avg. 1960 Prod: 7 BOPD 283 MCFPD		

COMPLETION RECORD

SPUD DATE	2-22-56	COMP. DATE	3-9-56
TD	3530	PBTD	
CASING RECORD	9 5/8 @ 308 w/175 5 1/2 @ 3530 w/400		
PERFORATING RECORD	Perf 3380-3482 w/244		
STIMULATION	SF/19,600 + 28,000		
IP	IPF = 54 BOPD + 2800 MCFPD		
GOR		GR	
TP	180	CP	280
CHOKE	3/4	TUBING	2 3/8 @ 3450
DST RECORD	Avg. 1960 Prod: 5 BOPD 283 MCFPD Well converted to water injection well in CJU waterflood.		
REMARKS			

COMPLETION RECORD

SPUD DATE	6-19-59	COMP. DATE	11-2-59
TD	3676	PBTD	3649
CASING RECORD	8 5/8 @ 1205 w/675 5 1/2 @ 3676 W/300		
PERFORATING RECORD	Perf: 3509-3600 w/124 Perf: 3186-3484 w/180		
STIMULATION	3509-3600: SF/20,000 + 20,000 3186-3484: SF/30,000 + 30,000		
IP	IPF=5 BOPD + 746 MCFPD (3186-3484)		
GOR	149,200/1	GR	32.4
TP	50	CP	175
CHOKE	64/64	TUBING	@
DST RECORD	DST 3056-3110 Op 0:45. GTS 2 min @ 1052 MCFPD. FP = 240-240. Rec 210' GCM. 30 min FSIP = 565 psi. DST 3170-3225 Op 0:45. GTS 2 min @ 366 MCFPD. FP = 75-100. Rec 280' G&WCM. 30 min FSIP = 935 psi.		
REMARKS	Queen interval tested 2 BOPD + 1 BWPD. Well plugged due to high GOR.		

V.R.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

7

COMPANY Conoco
(Reserve Oil Inc.)
WELL Jack Fed. No. 8
(CJU No. 124 - WI)
FIELD Langlie Mattix
LOCATION 660 FNL & 1917 FWL (C)
Sec. 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3309
GL

8

COMPANY El Paso Natural Gas
WELL Thomas No. 1
FIELD Jalmat - Langlie Mattix
LOCATION 600 FNL & 2173 FEL (B)
Sec. 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3311
GL

9

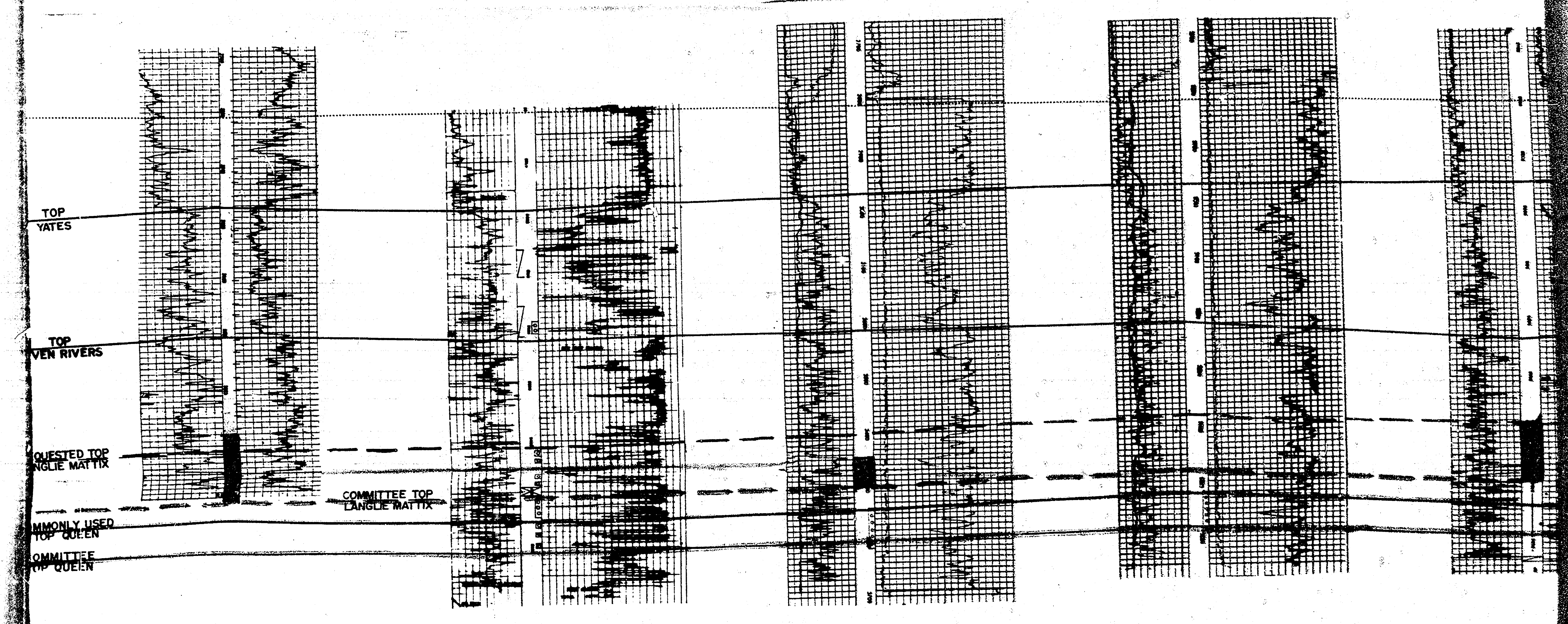
COMPANY Doyle Hartman
WELL Cities - Thomas No. 1
FIELD Langlie Mattix
LOCATION 990 FNL & 1650 FEL (B)
Sec. 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3311
DF
GL

10

COMPANY Doyle Hartman
WELL Cities - Thomas No. 2
FIELD Langlie Mattix
LOCATION 480 FNL & 660 FEL (A)
Sec. 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3302
DF
GL

11

COMPANY King, Warren
(Conoco)
WELL Harrison No.
(Langlie Jac
FIELD Langlie Matt
LOCATION 660 FNL & 66
Sec. 20, T-2
COUNTY Lea
STATE New Mexico
ELEVATIONS:



COMPLETION RECORD

SPUD DATE 2-22-56 COMP. DATE 3-9-56
TD 3530 PBTD
CASING RECORD 9 5/8 @ 308 w/175
5 1/2 @ 3530 w/400
PERFORATING RECORD Perf 3380-3482 w/244
STIMULATION SF/19,600 + 28,000
IP IPF = 54 BOPD + 2800 MCFPD
GOR GR
TP 180 CP 280
CHOKE 3/4 TUBING 2 3/8 @ 3450
DST RECORD
Avg. 1960 Prod: 5 BOPD
283 MCFPD
Well converted to water injection
well in CJU waterflood.
REMARKS

COMPLETION RECORD

SPUD DATE 6-19-59 COMP. DATE 11-2-59
TD 3676 PBTD 3649
CASING RECORD 8 5/8 @ 1205 w/675
5 1/2 @ 3676 W/300
PERFORATING RECORD Perf: 3509-3600 w/124
Perf: 3186-3484 w/180
STIMULATION 3509-3600: SF/20,000 + 20,000
3186-3484: SF/30,000 + 30,000
IP IPF=5 BOPD + 746 MCFPD (3186-3484)
GOR 149,200/1 GR 32.4
TP 50 CP 175
CHOKE 64/64 TUBING @
DST RECORD DST 3056-3110 Op 0:45.
GTS 2 min @ 1052 MCFPD. FP = 240-240.
Rec 210' GCM. 30 min FSIP = 565 psi.
DST 3170-3225 Op 0:45.
GTS 2 min @ 366 MCFPD. FP = 75-100.
Rec 280' G&WCM. 30 min FSIP = 935 psi.
REMARKS Queen interval tested 2 BOPD + 1 BWPD.
Well plugged due to high GOR.

COMPLETION RECORD

SPUD DATE 1-18-77 COMP. DATE 2-5-77
TD 3696 PBTD 3626
CASING RECORD 8 5/8 @ 417 w/260
4 1/2 @ 3696 w/1450
PERFORATING RECORD Perf: 3446-3614 w/17
STIMULATION A/4000
SWF/40,000 + 55,000
IP IPF = 12 BOPD
GOR 37,500 GR
TP 120 CP 200
CHOKE 24/64 TUBING @
DST RECORD
REMARKS

COMPLETION RECORD

SPUD DATE 4-21-77 COMP. DATE 5-26-77
TD 3710 PBTD 3681
CASING RECORD 8 5/8 @ 426 w/230
4 1/2 @ 3709 w/1850
PERFORATING RECORD Perf: 3521-3593 w/8
STIMULATION A/2500
SWF/30,000 + 38,000
IP IPP = 33 BOPD + 160 BWPD
GOR GR
TP CP
CHOKE TUBING @
DST RECORD
REMARKS

COMPLET

SPUD DATE 6-11-47
TD 3611
CASING RECORD 11 3/4 @ 35
7 @ 341
PERFORATING RECORD OH: 34
STIMULATION Shot 3506-35
IP IPF = 45 BOP
GOR
TP
CHOKE TUB
DST RECORD
10-20-68
3611 to 364
water inject
Avg. 1960 P
REMARKS

C'
EAST

●
9

PANY Doyle Hartman
Cities - Thomas No. 1
Langlie Mattix
ATION 990 FNL & 1650 FEL (B)
Sec. 19, T-24-S, R-37-E
NTY Lea
TE New Mexico
VATIONS: KB 3311
DF
GL

●
10

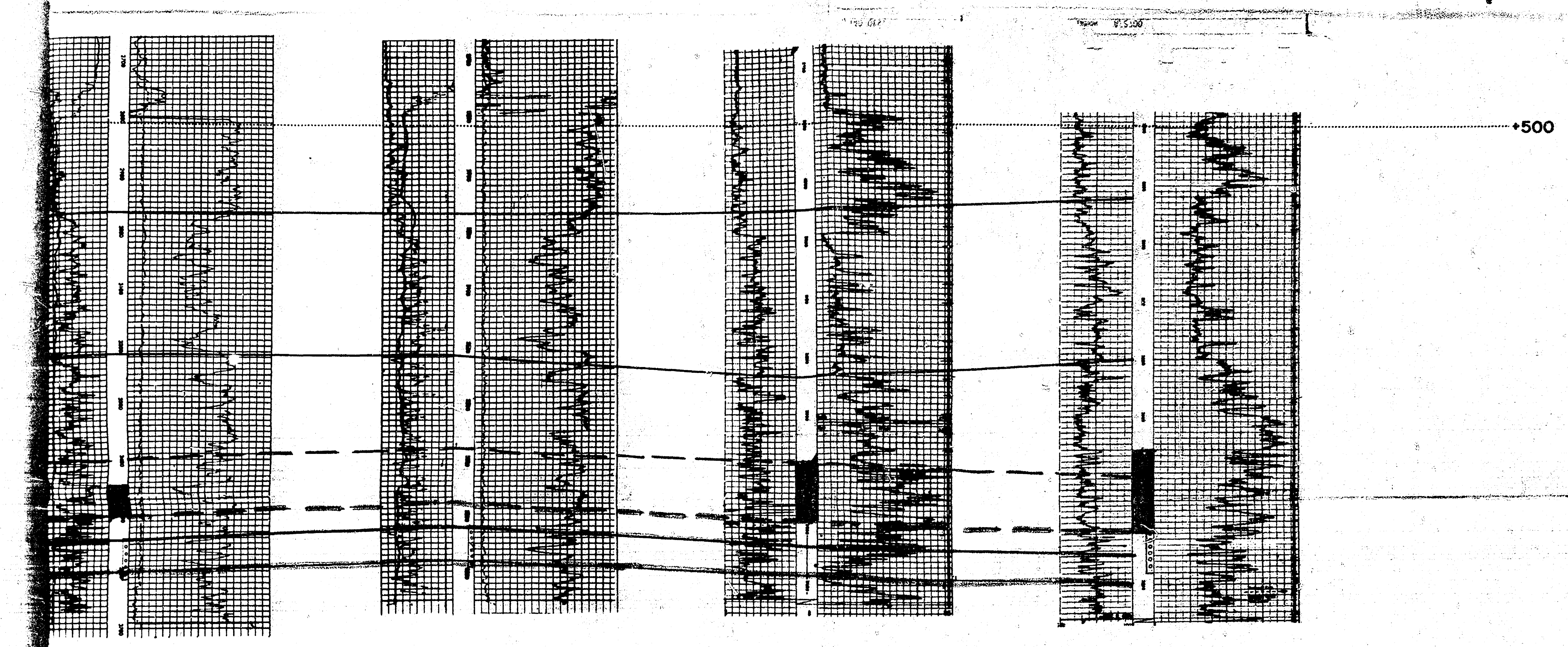
COMPANY Doyle Hartman
WELL Cities - Thomas No. 2
FIELD Langlie Mattix
LOCATION 480 FNL & 660 FEL (A)
Sec. 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3302
DF
GL

△
11

COMPANY King, Warren, and Dye
(Conoco)
WELL Harrison No. 3
(Langlie Jack Unit No. 6-WI)
FIELD Langlie Mattix
LOCATION 660 FNL & 660 FWL (D)
Sec. 20, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3298
GL

●
12

COMPANY John Hendrix
WELL Thomas "A" No. 1
FIELD Langlie Mattix
LOCATION 600 FSL & 1980 FWL (N)
Sec. 17, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3297
GL



COMPLETION RECORD

DATE 1-18-77 COMP. DATE 2-5-77
3696 PBTD 3626
RECORD 8 5/8 @ 417 w/260
4 1/2 @ 3696 w/1450
ORATING RECORD Perf: 3446-3614 w/17
LATION A/4000
SWF/40,000 + 55,000
IPF = 12 BOPD
37,500 GR
120 CP 200
KE 24/64 TUBING @
RECORD
ARKS

COMPLETION RECORD

SPUD DATE 4-21-77 COMP. DATE 5-26-77
TD 3710 PBTD 3681
CASING RECORD 8 5/8 @ 426 w/230
4 1/2 @ 3709 w/1850
PERFORATING RECORD Perf: 3521-3593 w/8
STIMULATION A/2500
SWF/30,000 + 38,000
IP IPP = 33 BOPD + 160 BWPD
GOR GR
TP CP
CHOKE TUBING @
DST RECORD
REMARKS

COMPLETION RECORD

SPUD DATE 6-11-47 COMP. DATE 8-7-47
TD 3611 PBTD 3611
CASING RECORD 11 3/4 @ 351 w/200
7 @ 3413 w/400
PERFORATING RECORD OH: 3413-3611
STIMULATION Shot 3506-3590 w/140 Qts.
IP IPF = 45 BOPD
GOR GR
TP CP
CHOKE TUBING 2 3/8 @ 3590
DST RECORD
10-20-68 Deepened well from
3611 to 3641. Converted well to
water injection 3413-3641.
Avg. 1960 Prod: 3 BOPD
8 MCFPD
REMARKS

COMPLETION RECORD

SPUD DATE 12-28-72 COMP. DATE 2-28-73
TD 3702 PBTD 3687
CASING RECORD 8 5/8 @ 398 w/175
5 1/2 @ 3699 w/190
PERFORATING RECORD Perf: 3364-3580 w/12
STIMULATION A/2700
SWF/40,000 + 80,000
IP IPF = 12 BOPD + 412 MCFPD
GOR 27,467/1 GR 34
TP CP 250
CHOKE 64/64 TUBING @
DST RECORD
REMARKS

W.N.N.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

SCHEMATIC OF LANGLIE MATTIX DEFINITIONS

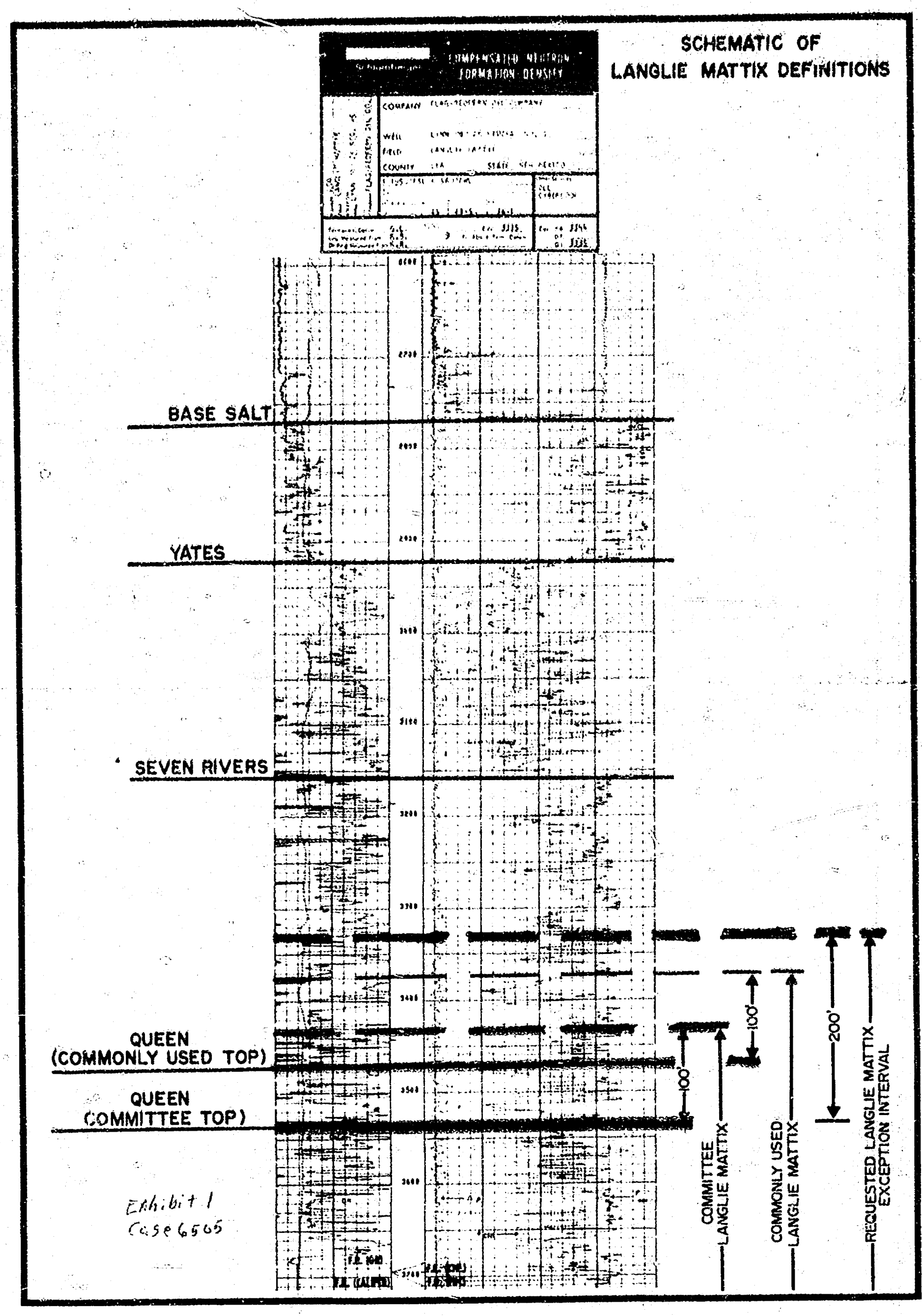

COMPENSATED NEUTRON FORMATION DENSITY
COMPANY
WELL
FIELD
COUNTY
STATE
BASE SALT
YATES
SEVEN RIVERS
QUEEN (COMMONLY USED TOP)
QUEEN COMMITTEE TOP)
100'
100'
200'
COMMITTEE LANGLIE MATTIX
COMMONLY USED LANGLIE MATTIX
REQUESTED LANGLIE MATTIX EXCEPTION INTERVAL

Exhibit 1
Case 6505

C.I. MICROGRAPHICS N.M.M.C.F.

P.O. DRAWER 250

[illegible], NEW MEXICO [illegible]

DOCUMENT [illegible] SHEET

[illegible]

[illegible]

✓ [illegible] Water Damaged Documents

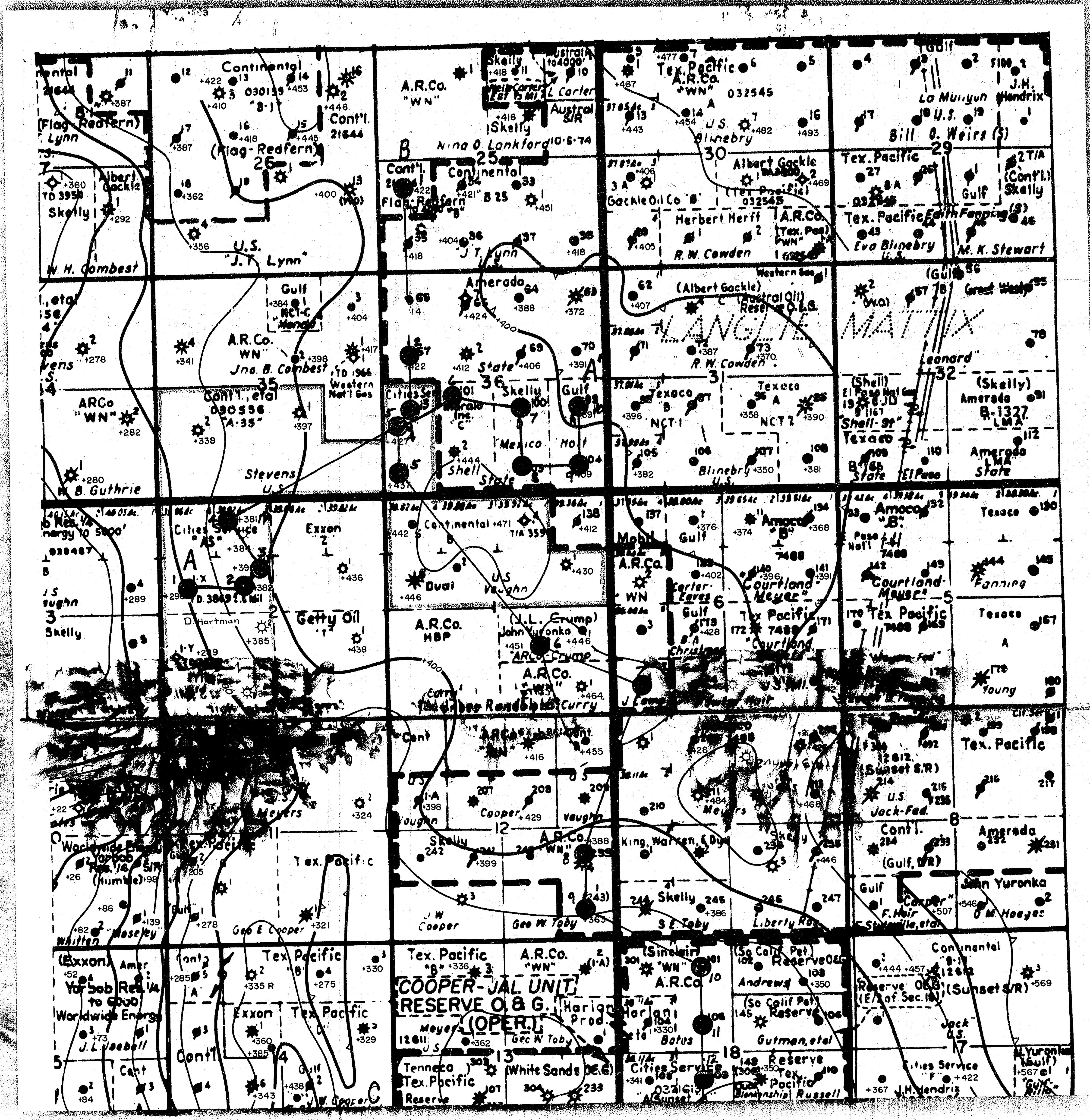
DOCUMENT NUMBER #6505

REEL NUMBER 47-175

FRAME NUMBER

DATE 1-25-88

SIGNED OUT BY L. Blea



Continental
Flag-Redfern
26
U.S. "J.T. Lynn"
W. H. Combest
Skelly
A.R.Co. "WN"
Nina O Lankford
25
Continental
J.T. Lynn
Tex. Pacific
A.R.Co. "WN" 032545
U.S. Blinebry
30
Albert Gackle
Herbert Herff
R.W. Cowden
Eva Blinebry
Bill G. Weirs
29
J.H. Hendrix
M.K. Stewart
Gulf
Amerada
State
36
Skelly
Gulf
Shell
Texaco
NCT-1
31
Blinebry U.S.
LANGLIE MATTIX
Leonard
32
(Skelly)
Amerada B-1327
Cont'l, etal 030556 "A-35"
ARCo "WN"
35
Stevens U.S.
W.B. Guthrie
Cities Service
Exxon
Getty Oil
D. Hartman
Continental
Dual
U.S. Vaughn
A.R.Co. HBP
J.L. Crump
John Yuronka
6
Mobil
Gulf
Amoco
Courtland Meyer
5
Tex Pacific
Texaco
Fanning
Young
Tex. Pacific
Cooper
12
Vaughn
A.R.Co. "WN"
King, Warren, & Dye
Skelly
Meyers
Liberty Royalty
Geo W. Toby
7
Amerada
Cont'l.
8
Jack-Fed.
John Yuronka
Gulf
Tex. Pacific
Worldwide Energy
Whitten
Geo E Cooper
Exxon
COOPER-JAL UNIT
RESERVE O & G. (OPER.)
Tenneco
Tex. Pacific
White Sands O&G
13
(Sinclair)
A.R.Co.
(So Calif Pet)
Reserve O&G
Andrews
Gutman, etal
Cities Service
Russell
18
Continental
(Sunset S/R)
Jack U.S.
Cities Service
J.H. Hendrix
N. Yuronka (Gulf)
17

N.M.M.C.F. MICROGRAPHICS

BEST AVAILABLE COPY

[illegible] MICROGRAPHICS N.M.H.C.F.

[illegible]

[illegible]

[illegible]

[illegible]

✓ [illegible] *Water Damaged Documents*

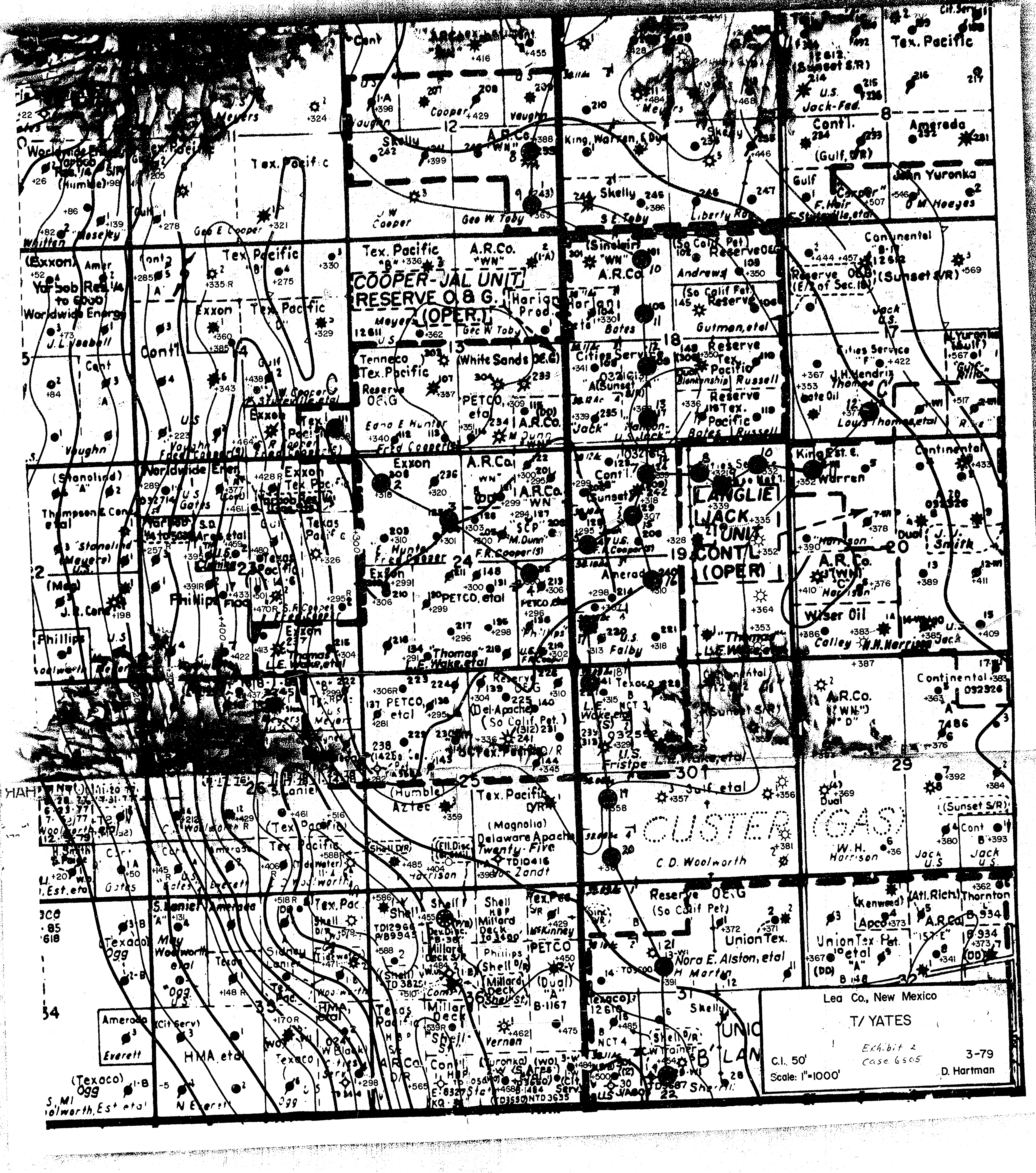
DOCUMENT NUMBER *#6505*

REEL NUMBER *47-175-176*

FRAME NUMBER

DATE *1-25-88*

SIGNED OUT BY *L. Blea*


COOPER-JAL UNIT
RESERVE O & G.
(OPER.)
LANGLIE JACK UNIT
CONT'L (OPER)
CUSTER (GAS)

Lea Co., New Mexico

T/ YATES

C.I. 50'

Scale: 1"=1000'

Exhibit 2
Case 6505

3-79

D. Hartman

N.M.H.C.F. MICROGRAPHICS

BEST AVAILABLE COPY

A
WEST

1

COMPANY Cities Service
WELL State "X" No. 1
FIELD Jalmat
LOCATION 1980 FNL & 660 FWL (E)
Section 2, T-24-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3378
DF
GL

2

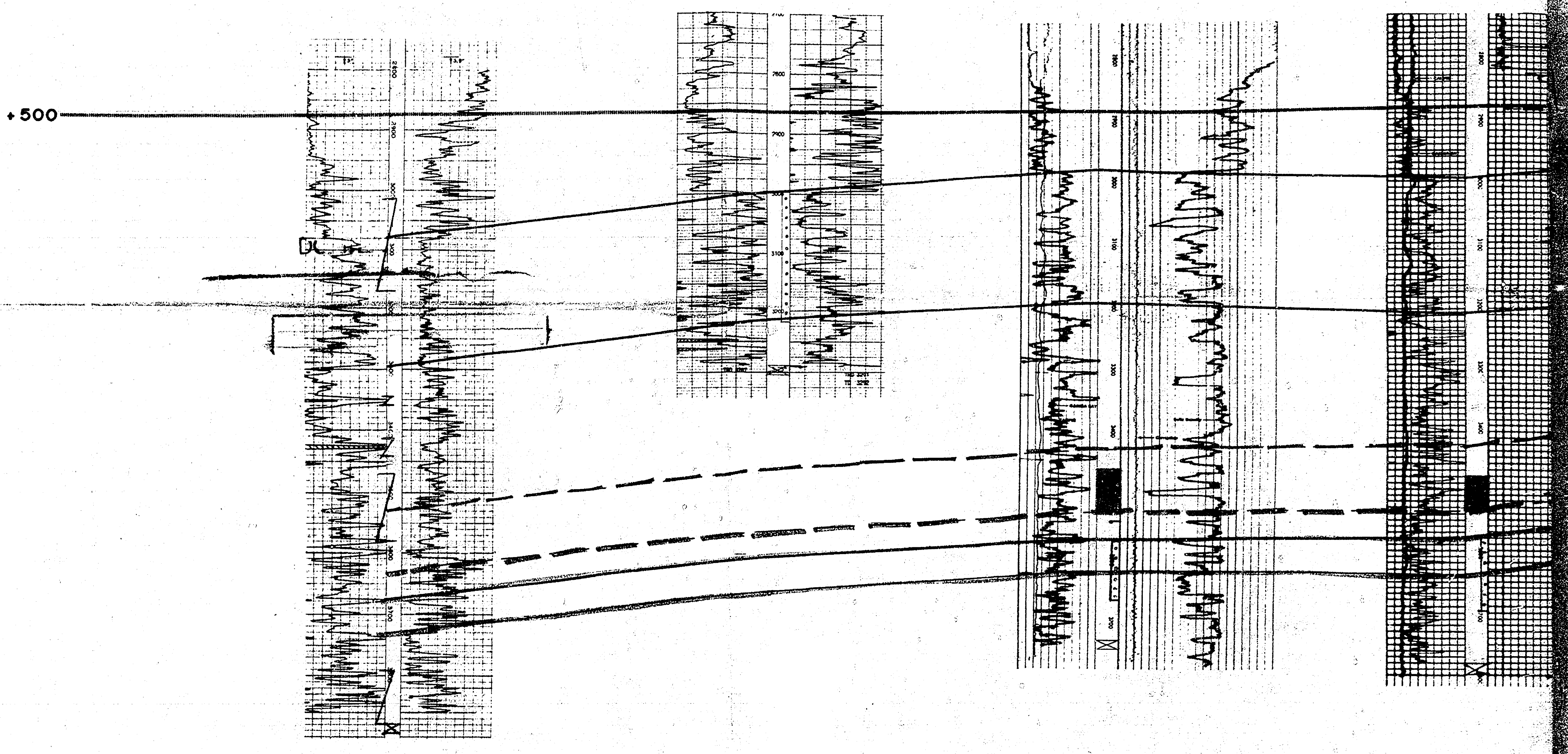
COMPANY Cities Service
WELL State "AS" No. 1
FIELD Jalmat
LOCATION 1980 FNL & 1980 FWL (F)
Section 2, T-24-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3375
DF
GL

3

COMPANY Doyle Hartman
WELL Citgo "AS" State No. 2
FIELD Langlie Mattix
LOCATION 1650 FNL & 2310 FWL (F)
Section 2, T-24-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3380
DF 3379
GL 3368

4

COMPANY Doyle Hartman
WELL Citgo "AS" State No.
FIELD Langlie Mattix
LOCATION 330 FNL & 1650 FWL
Section 2, T-24-S, R
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF
GL



COMPLETION RECORD (1)

SPUD DATE 6-17-49 COMP. DATE 7-18-49
TD 3869 PBTD 3869
CASING RECORD 8 5/8 @ 1263
PERFORATING RECORD
STIMULATION
IP P & A
GOR GR
TP CP
CHOKE TUBING @
DST RECORD DST 3015-3170 Open 2:00 GTS 5 min. MTS 10 min. Flowed 6000 MCFPD. 15-min. FSIP= 1020. DST 3344-3359 Open 2:05 Rec 30' SGCM. DST 3414-3441 Open 2:25 Rec 50' GCSW. DST 3470-3580 Open 1:00 Rec 30' mud. DST 3794-3869 Open 1:00 Rec 400' sul wtr.
REMARKS

COMPLETION RECORD (2)

SPUD DATE 1-17-56 COMP. DATE 2-8-56
TD 3290 PBTD 3288
CASING RECORD 8 5/8 @ 1251 w/775
5 1/2 @ 3289 w/2550
PERFORATING RECORD Perf 2996-3218
STIMULATION A/1000
IP IPF = 2600 MCFPD
GOR GR
TP 700 CP 700
CHOKE TUBING 2 3/8 @ 3205
DST RECORD DST 2990-3140 Open 1:00 GTS 3 min. MTS 6 min. Flowed 3500 MCFPD. Rec 5' mud. 15-min. FSIP= 975 psi.
DST 3140-3290 Open 1:00 Rec 2800' XWCM. 15-min FSIP= 1500 psi

1974 Cum. Prod. = 4991 MMCF
9-17-75 Rework: Perf 2865-2975. A/2000
REMARKS SWB 1/4 BO + 4 BL/4 hr. P & A
Well P & A 11-75

COMPLETION RECORD (3)

SPUD DATE 6-1-78 COMP. DATE 7-8-78
TD 3754 PBTD 3728
CASING RECORD 8 5/8 @ 427 w/325
4 1/2 @ 3754 w/850
PERFORATING RECORD Perf 3467-3665 w/26
STIMULATION A/7650
SWF/60,000 x 100,000
IP IPP = 52 BO + 21 BWPD
GOR 12,500 GR 35
TP CP
CHOKE 64/64 TUBING 2 3/8 @ 3705
DST RECORD
REMARKS

COMPLETION RECORD (4)

SPUD DATE 7-30-78 COMP. D
TD 3801 PBTD
CASING RECORD 8 5/8 @ 490 w/325
5 1/2 @ 3801 w/800
PERFORATING RECORD Perf 3480-369
STIMULATION A/6000
SWF/55,000 x 90,000
IP IPP = 10 BOPD + 25 B
GOR 45,000 GR
TP CP
CHOKE 40/64 TUBING 2 3/
DST RECORD
REMARKS

Exhibit 3
Case 6505

DOYLE HARTMAN

WEST-EAST CROSS SECTION A-A'
(SEC. 2, T24S-R36E TO SEC. 36, T23S-R36E)
SHOWING
LANGLIE MATTIX INTERVALS

VERT. SCALE: 1" = 100'
HOR. SCALE: NONE

D. HARTMAN
R. STUMP

LEGEND

———	COMMITTEE TOP QUEEN
— — —	COMMITTEE TOP LANGLIE MATTIX INTERVAL (100' ABOVE TOP QUEEN)
━━━	COMMONLY USED TOP QUEEN
━ ━ ━	REQUESTED EXCEPTION TOP LANGLIE MATTIX (200' ABOVE COMMITTEE TOP QUEEN
■	LANGLIE MATTIX PRODUCTION ABOVE COMMITTEE LANGLIE MATTIX INTERVAL

☼
2

ies Service
e "AS" No. 1
at
FNL & 1980 FWL (F)
ion 2, T-24-S, R-36-E
Mexico
KB 3375
DF
GL

●
3

COMPANY Doyle Hartman
WELL Citgo "AS" State No. 2
FIELD Langlie Mattix
LOCATION 1650 FNL & 2310 FWL (F)
Section 2, T-24-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3380
DF 3379
GL 3368

●
4

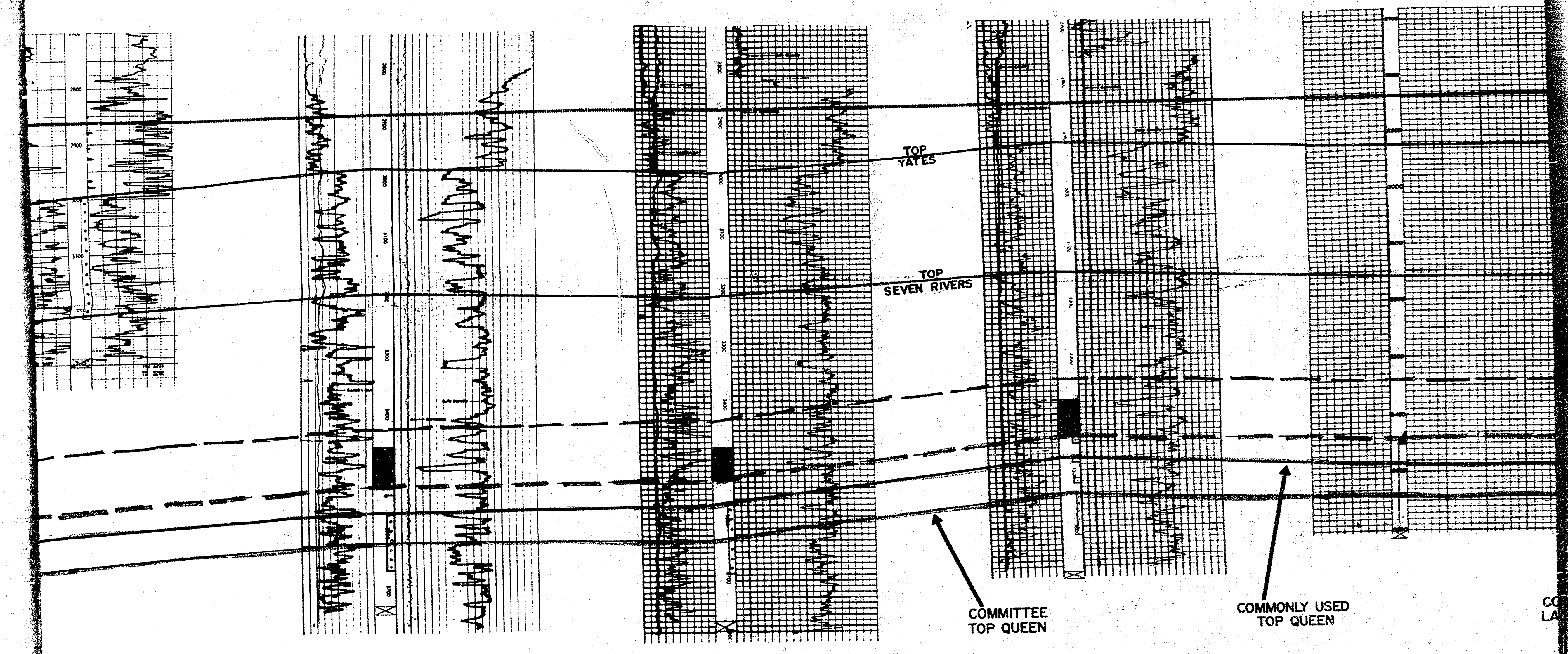
COMPANY Doyle Hartman
WELL Citgo "AS" State No. 3
FIELD Langlie Mattix
LOCATION 330 FNL & 1650 FWL (C)
Section 2, T-24-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3378
DF
GL 3368

☼
5

COMPANY Doyle Hartman
WELL Citgo "LM" State No. 2
FIELD Langlie Mattix
LOCATION 1800 FSL & 330 FWL (L)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3342
DF
GL 3331

△
6

COMPANY Ralph Lowe
(Getty Oil Co.)
WELL Shell State "C" No. 1
(MLMU No. 101)
FIELD Langlie Mattix
LOCATION 2310 FSL & 1650 FWL (K)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3335
GL



COMPLETION RECORD
6 COMP. DATE 2-8-56
PBTD 3288
@ 1251 w/775
@ 3289 w/2550
Perf 2996-3218
2600 MCFPD
GR
CP 700
TUBING 2 3/8 @ 3205
90-3140 Open 1:00 GTS 3 min.
min. Flowed 3500 MCFPD, Rec 5'
15-min. FSIP= 975 psi.
40-3290 Open 1:00 Rec 2800' XWCM.
FSIP= 1500 psi
um. Prod. = 4991 MMCF
5 Rework: Perf 2865-2975, A/2000
4 BO + 4 BL/4 hr. P & A
& A 11-75

COMPLETION RECORD
SPUD DATE 6-1-78 COMP. DATE 7-8-78
TD 3754 PBTD 3728
CASING RECORD 8 5/8 @ 427 w/325
4 1/2 @ 3754 w/850
PERFORATING RECORD Perf 3467-3665 w/26
STIMULATION A/7650
SWF/60,000 x 100,000
IP IPP = 52 BO + 21 BWPD
GOR 12,500 GR 35
TP CP
CHOKE 64/64 TUBING 2 3/8 @ 3705
DST RECORD
REMARKS

COMPLETION RECORD
SPUD DATE 7-30-78 COMP. DATE 9-1-78
TD 3801 PBTD 3780
CASING RECORD 8 5/8 @ 490 w/325
5 1/2 @ 3801 w/800
PERFORATING RECORD Perf 3480-3698 w/23
STIMULATION A/6000
SWF/55,000 x 90,000
IP IPP = 10 BOPD + 25 BWPD
GOR 45,000 GR
TP CP
CHOKE 40/64 TUBING 2 3/8 @ 3715
DST RECORD
REMARKS

COMPLETION RECORD
SPUD DATE 5-25-77 COMP. DATE 6-18-77
TD 3700 PBTD 3683
CASING RECORD 8 5/8 @ 463 w/300
4 1/2 @ 3700 w/1650
PERFORATING RECORD Perf 3379 - 3612 w/23
STIMULATION A/5500
SWF/50,000 x 87,000
IP IPF = 445 MCFGPD
GOR GR
TP 58 CP
CHOKE 1/2" TUBING @
DST RECORD
REMARKS

COMPLETION RECORD
SPUD DATE 2-11-47 CO DATE 3-3-47
TD 3600 PBTD
CASING RECORD 8 5/8 @ 290 w/160
5 1/2 @ 3452 w/75
PERFORATING RECORD OH 3452 - 3600
STIMULATION Shot 3500-3600 w/200 qts.
IP IPF = 65 BOPD
GOR GR
TP CP
CHOKE TUBING 2 3/8 @ 3594
DST RECORD
Avg. 1960 Prod: 2 BOPD
161 MCFPD
Well converted to water injection well
in MLMU waterflood.
REMARKS

ATTIX INTERVAL

LANGLIE MATTIX
QUEEN
N ABOVE COMMITTEE

3
)
-36-E
3378
3368

☼
5

COMPANY Doyle Hartman
WELL Citgo "LM" State No. 2
FIELD Langlie Mattix
LOCATION 1800 FSL & 330 FWL (L)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3342
DF
GL 3331

△
6

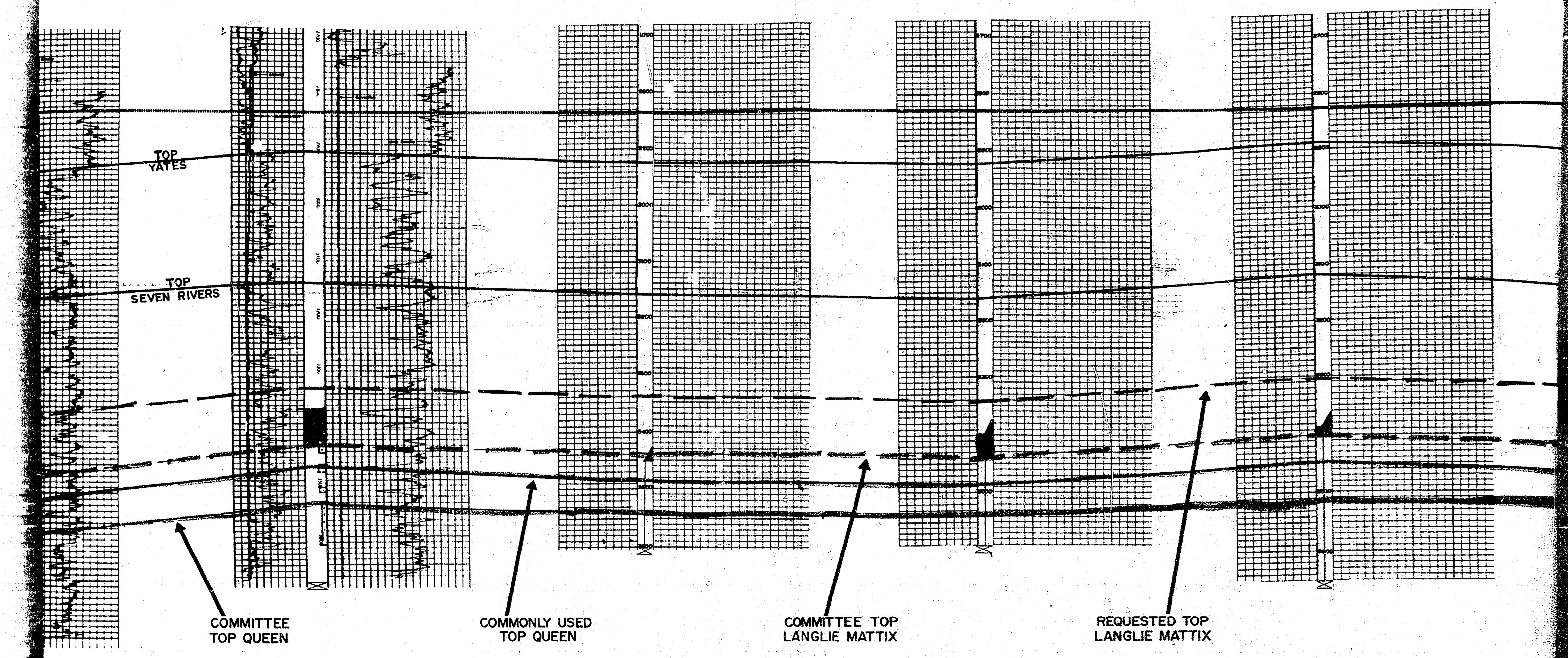
COMPANY Ralph Lowe
(Getty Oil Co.)
WELL Shell State "C" No. 1
(MLMU No. 101)
FIELD Langlie Mattix
LOCATION 2310 FSL & 1650 FWL (K)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3335
GL

✹
7

COMPANY Skelly
(Getty)
WELL Mexico "D" No. 1
(MLMU No. 100)
FIELD Langlie Mattix
LOCATION 1980 FSL & 1980 FEL (J)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3328
GL

△
8

COMPANY Skelly
(Getty Oil Company)
WELL Mexico "D" No. 2
(MLMU No. 103)
FIELD Langlie Mattix
LOCATION 660 FSL & 1980 FEL (O)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3325
GL



9-1-78
3780
w/23
PD
@ 3715

COMPLETION RECORD
SPUD DATE 5-25-77 COMP. DATE 6-18-77
TD 3700 PBTD 3683
CASING RECORD 8 5/8 @ 463 w/300
4 1/2 @ 3700 w/1650
PERFORATING RECORD Perf 3379 - 3612 w/23
STIMULATION A/5500
SWF/50,000 x 87,000
IP IPF = 445 MCFGPD
GOR GR
TP 58 CP
CHOKE 1/2" TUBING @
DST RECORD
REMARKS

COMPLETION RECORD
SPUD DATE 2-11-47 COMP. DATE 3-3-47
TD 3600 PBTD
CASING RECORD 8 5/8 @ 290 w/160
5 1/2 @ 3452 w/75
PERFORATING RECORD OH 3452 - 3600
STIMULATION Shot 3500-3600 w/200 qts.
IP IPF = 65 BOPD
GOR GR
TP CP
CHOKE TUBING 2 3/8 @ 3594
DST RECORD
Avg. 1960 Prod: 2 BOPD
161 MCFPD
Well converted to water injection well in MLMU waterflood.
REMARKS

COMPLETION RECORD
SPUD DATE 7-7-48 COMP. DATE 9-26-48
TD 3590 PBTD
CASING RECORD 9 5/8 @ 1175 w/300
7 @ 3400 w/250
PERFORATING RECORD OH 3400-3590
STIMULATION Shot 3440-3580 w/284
IP IPF = 35 BOPD
GOR GR
TP CP
CHOKE TUBING 2 3/8 @ 3426
DST RECORD
Avg. 1960 Langlie Mattix Prod: 4 BOPD
350 MCFPD
Well dualed as a Jalmat-Langlie Mattix producer on an unknown date.
REMARKS

COMPLETION RECORD
SPUD DATE 5-4-49 COMP. DATE 6-25-49
TD 3648 PBTD
CASING RECORD 9 5/8 @ 1168 w/400
7 @ 3385 w/350
PERFORATING RECORD OH 3385-3648
STIMULATION Shot 3451-3644 w/405
IP IPF = 42 BO + 3820 MCFGPD
GOR GR 36.2
TP 250 CP 400
CHOKE 3/4 TUBING @
DST RECORD
Avg. 1960 Prod: 6 BOPD
330 MCFGPD
Well converted to water injection well in MLMU waterflood.
REMARKS

A'
EAST

7

COMPANY Skelly
(Getty)
WELL Mexico "D" No. 1
(MLMU No. 100)
FIELD Langlie Mattix
LOCATION 1980 FSL & 1980 FEL (J)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3328
GL

8

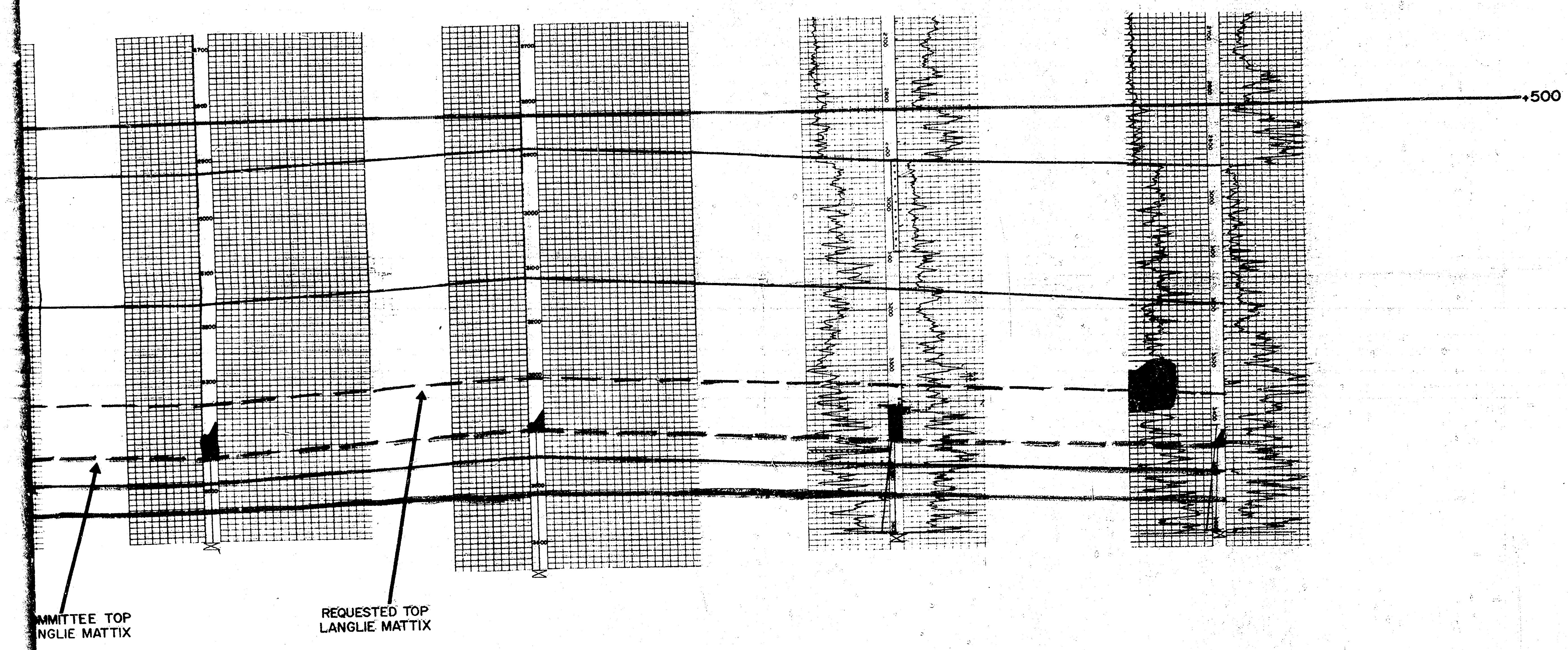
COMPANY Skelly
(Getty Oil Company)
WELL Mexico "D" No. 2
(MLMU No. 103)
FIELD Langlie Mattix
LOCATION 660 FSL & 1980 FEL (O)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3325
GL

9

COMPANY Gulf Oil Corp.
(Getty Oil Co.)
WELL Holt "B" No. 2
(MLMU No. 104)
FIELD Langlie Mattix
LOCATION 660 FSL & 660 FEL (P)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3328
GL

10

COMPANY Gulf Oil Corporation
(Getty Oil Co.)
WELL Holt "B" No. 1
(MLMU No. 99)
FIELD Langlie Mattix
LOCATION 1980 FSL & 660 FEL (I)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3329
GL



MMITTEE TOP
NGLIE MATTIX

REQUESTED TOP
LANGLIE MATTIX

COMPLETION RECORD

SPUD DATE 7-7-48 COMP. DATE 9-26-48
TD 3590 PBTD
CASING RECORD 9 5/8 @ 1175 w/300
7 @ 3400 w/250
PERFORATING RECORD OH 3400-3590
STIMULATION Shot 3440-3580 w/284
IP IPF = 35 BOPD
GOR GR
TP CP
CHOKE TUBING 2 3/8 @ 3426
DST RECORD
Avg. 1960 Langlie Mattix Prod: 4 BOPD
350 MCFPD
Well dualed as a Jalmat-Langlie Mattix
producer on an unknown date.
REMARKS

COMPLETION RECORD

SPUD DATE 5-4-49 COMP. DATE 6-25-49
TD 3648 PBTD
CASING RECORD 9 5/8 @ 1168 w/400
7 @ 3385 w/350
PERFORATING RECORD OH 3385-3648
STIMULATION Shot 3451-3644 w/405
IP IPF = 42 BO + 3820 MCFGPD
GOR GR 36.2
TP 250 CP 400
CHOKE 3/4 TUBING @
DST RECORD
Avg. 1960 Prod: 6 BOPD
330 MCFGPD
Well converted to water injection well
in MLMU waterflood.
REMARKS

COMPLETION RECORD

SPUD DATE 6-28-49 COMP. DATE 8-16-49
TD 3608 PBTD
CASING RECORD 9 5/8 @ 307 w/225
5 1/2 @ 3389 w/900
PERFORATING RECORD OH 3389-3608
Perf 3380-3389 w/20
STIMULATION
IP IPF = 404 BO + 729 MCFGPD
GOR 1254 GR 40
TP CP
CHOKE TUBING @
DST RECORD DST 3375-3608, GTS 9" @ 3.7 MCFPD, R
1062' GCM, 626' HOCM & 236' Oil
1955 Jalmat Gas Completion: IP 3840
MCFGPD from Perfs 2920-3090 after SWF/
10,000 x 10,000
Dual Jalmat-Langlie Mattix Completion
REMARKS
Avg. 1960 Langlie Mattix Prod: 12 BOPD
190 MCFGPD

COMPLETION RECORD

SPUD DATE 4-29-49 COMP. DATE 5-26-49
TD 3610 PBTD
CASING RECORD 9 5/8 @ 322 w/200
5 1/2 @ 3450 w/800
PERFORATING RECORD OH 3450-3610
STIMULATION Shot 3501-3610 w/200
IP IPF 274 BOPD
GOR 705 GR 36.9
TP CP
CHOKE TUBING @
DST RECORD DST 3420-3610 GTS 34" @ 9 MCFPD,
R 400' O & GCM + 1200' Oil
Well converted to water injection well
in MLMU waterflood.
REMARKS

B
NORTH

1

COMPANY	Flag-Redfern Oil Company
WELL	Lynn "B" 25 Federal No. 5
FIELD	Langlie Mattix
LOCATION	1980 FSL & 560 FWL (L) Section 25, T-23-S, R-36-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS: KB	3344
DF	
GL	3335

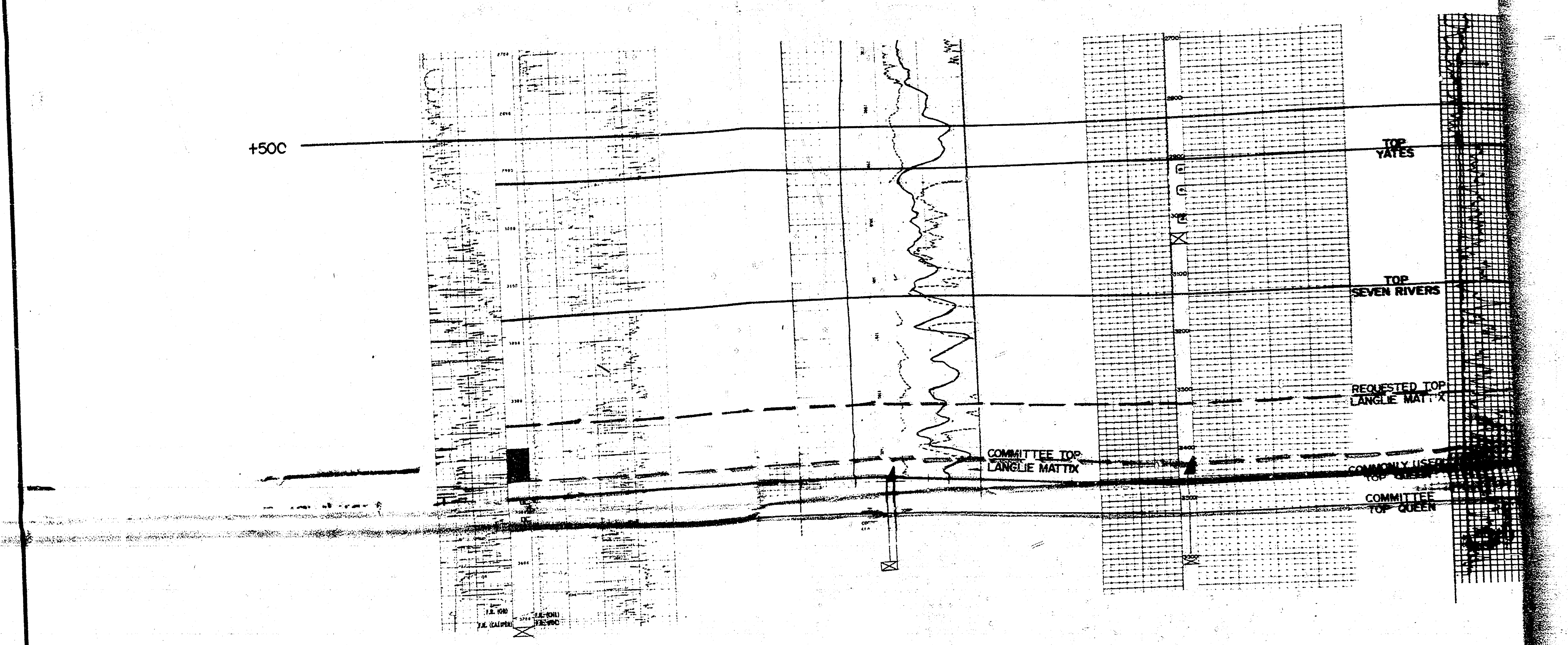
2

COMPANY	Amerada (Getty Oil Co.)
WELL	State "LMT" No. 1 (MLMU No. 67)
FIELD	Langlie Mattix
LOCATION	1980 FNL & 660 FWL (E) Section 36, T-23-S, R-36-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS: KB	
DF	3332
GL	

3

COMPANY	Cities Service
WELL	State "O" No. 1
FIELD	Jalmat - Langlie Mattix
LOCATION	1980 FSL & 660 FWL (L) Section 36, T-23-S, R-36-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS: KB	
DF	3332
GL	

COMPANY	Doy
WELL	Cit
FIELD	Lan
LOCATION	180
COUNTY	Lea
STATE	New
ELEVATIONS:	



COMPLETION RECORD

SPUD DATE	1-22-79
COMP. DATE	Not comp.
TD	3712
PBTD	
CASING RECORD	8 5/8 @ 1226 w/425 4 1/2 @ 3712 w/330
PERFORATING RECORD	Perf: 3382-3522 w/24
STIMULATION	A/3000 SWF/40,000 + 80,000
IP	
GOR	
GR	
TP	
CP	
CHOKE	
TUBING	@
DST RECORD	Presently testing
REMARKS	

COMPLETION RECORD

SPUD DATE	2-21-46
COMP. DATE	3-30-46
TD	3607
PBTD	3607
CASING RECORD	13 3/8 @ 554 w/250 8 5/8 @ 3450 w/450
PERFORATING RECORD	OH: 3450-3607
STIMULATION	Natural
IP	IPF = 68 BOPD + 2486 MCFPD
GOR	
GR	
TP	
CP	
CHOKE	32/64
TUBING	@
DST RECORD	AVG 1960 Prod: 5 BOPD 390 MCFPD Well converted to water injection well in MLMU waterflood.
REMARKS	

COMPLETION RECORD

SPUD DATE	4-21-47
COMP. DATE	5-21-47
TD	3643
PBTD	3600
CASING RECORD	8 5/8 @ 260 w/250 5 1/2 @ 3448 w/250
PERFORATING RECORD	OH 3445-3600
STIMULATION	Shot 3485-3600 w/280 Qts.
IP	IPF = 33 BOPD - 1496 MCFPD
GOR	43,000/1
GR	
TP	
CP	
CHOKE	
TUBING	2 3/8 @ 3598
DST RECORD	11-20-52 Set BP @ 3030. Perf 2915-3015. SF/9000. IPF = 4492. MCFPD from Jalmat-Yates. Langlie Mattix Cum: 5.3 MBO
REMARKS	

SPUD DATE	5-2
TD	370
CASING RECORD	8 5 4 1
PERFORATING RECORD	
STIMULATION	A/5 SWF
IP	IPF
GOR	
TP	58
CHOKE	1/2
DST RECORD	
REMARKS	

C.I. MICROGRAPHICS W.N.M.C.F.
P.O. DRAWER
NEW MEXICO

✓ Water Damaged Documents
DOCUMENT NUMBER #6505
REEL NUMBER 47-175-176-181
DATE 1-25-88
L. Blea

DOYLE HARTMAN

NORTH-SOUTH CROSS SECTION B-B'
(SEC. 25, T23S-R36E TO SEC. 36, T24S-R36E)
SHOWING
LANGLIE MATTIX INTERVALS

VERT. SCALE: 1"=100'
HOR. SCALE: NONE
D. HARTMAN
R. STUMP

LEGEND

▬	COMMITTEE TOP QUEEN
‒ ‒	COMMITTEE TOP LANGLIE MATTIX INTERVAL (100' ABOVE TOP QUEEN)
─	COMMONLY USED TOP QUEEN
— —	REQUESTED EXCEPTION TOP LANGLIE MATTIX (200' ABOVE COMMITTEE TOP QUEEN)
■	LANGLIE MATTIX PRODUCTION ABOVE COMMITTEE LANGLIE MATTIX INTERVAL

Exhibit 4
Case 6505

2

COMPANY Amerada
(Getty Oil Co.)
WELL State "LMT" No. 1
(MLMU No. 67)
FIELD Langlie Mattix
LOCATION 1980 FNL & 660 FWL (E)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3332
GL

3

COMPANY Cities Service
WELL State "Q" No. 1
FIELD Jalmat - Langlie Mattix
LOCATION 1980 FSL & 660 FWL (L)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3332
GL

4

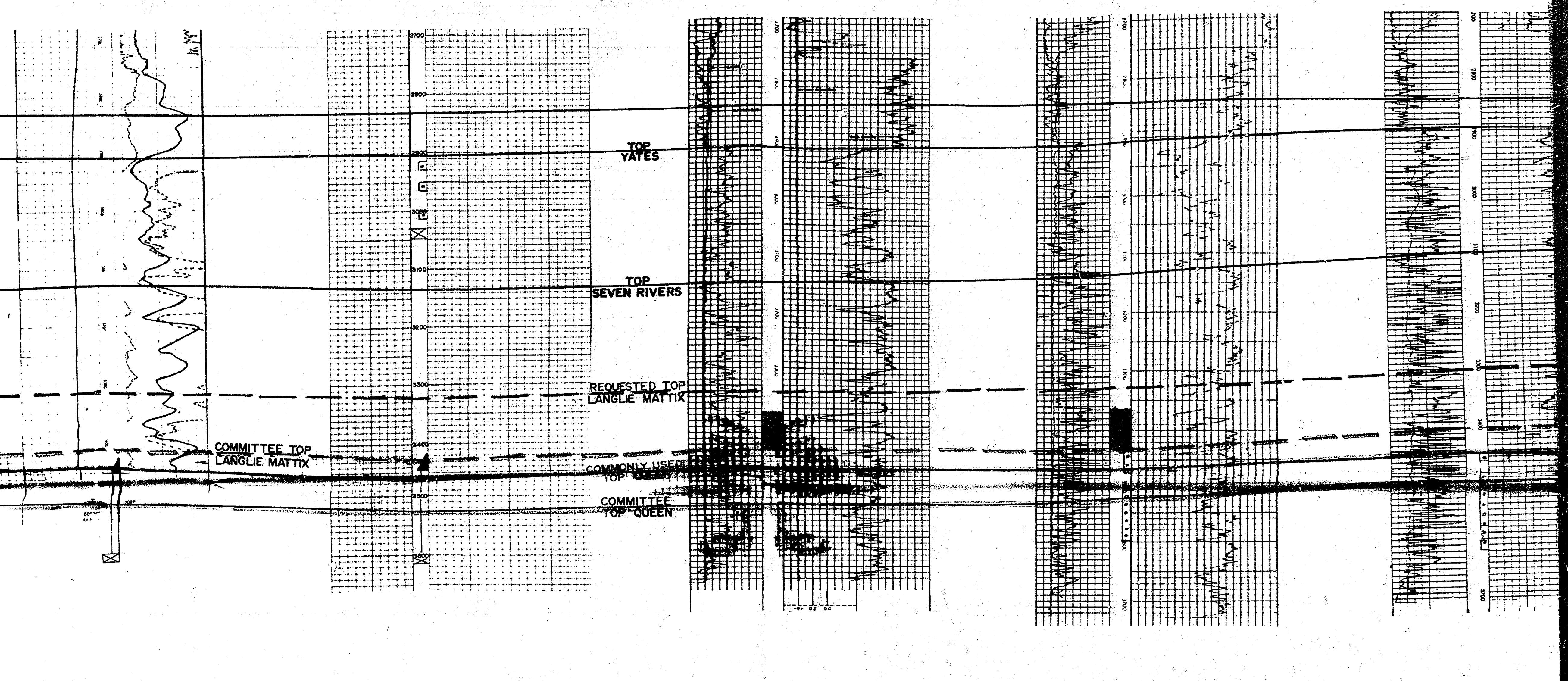
COMPANY Doyle Hartman
WELL Citgo "LM" State No. 2
FIELD Langlie Mattix
LOCATION 1800 FSL & 330 FWL (L)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3342
DF
GL 3331

5

COMPANY Doyle Hartman
WELL Citgo "LM" State No. 1
FIELD Langlie Mattix
LOCATION 330 FSL & 330 FWL (M)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3341
DF
GL 3329

6

COMPANY John Yuronka
WELL ARCo-Crump No. 2
FIELD Langlie Mattix
LOCATION 1650 FSL & 1650 FEL (J
Section 1, T-24-S, R-3
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF
GL



COMPLETION RECORD
SPUD DATE 2-21-46 COMP. DATE 3-30-46
TD 3607 PBTD 3607
CASING RECORD 13 3/8 @ 554 w/250
8 5/8 @ 3450 w/450
PERFORATING RECORD OH: 3450-3607
STIMULATION Natural
IP IPF = 68 BOPD + 2486 MCFPD
GOR GR
TP CP
CHOKE 32/64 TUBING @
DST RECORD
AVG 1960 Prod: 5 BOPD
390 MCFPD
Well converted to water injection well
in MLMU waterflood.
REMARKS

COMPLETION RECORD
SPUD DATE 4-21-47 COMP. DATE 5-21-47
TD 3643 PBTD 3600
CASING RECORD 8 5/8 @ 260 w/250
5 1/2 @ 3448 w/250
PERFORATING RECORD OH 3448-3600
STIMULATION Shot 3485-3600 w/280 Qts.
IP IPF = 33 BOPD + 1496 MCFPD
GOR 43,000/1 GR
TP CP
CHOKE TUBING 2 3/8 @ 3598
DST RECORD 11-20-52 Set BP @ 3030. Perf 2915-3015.
SF/9000. IPF = 4492. MCFPD from
Jalmat-Yates.
Langlie Mattix Cum: 5.3 MBO
REMARKS

COMPLETION RECORD
SPUD DATE 5-25-77 COMP. DATE 6-18-77
TD 3700 PBTD 3683
CASING RECORD 8 5/8 @ 463 w/ 300
4 1/2 @ 3700 w/1650
PERFORATING RECORD Perf 3379-3612 w/23
STIMULATION A/5500
SWF/50,000 x 87,000
IP IPF = 445 MCFGPD
GOR GR
TP 58 CP
CHOKE 1/2" TUBING @
DST RECORD
REMARKS

COMPLETION RECORD
SPUD DATE 1-26-77 COMP. DATE 2-14-77
TD 3725 PBTD 3683
CASING RECORD 8 5/8 @ 433 w/ 300
4 1/2 @ 3725 w/1250
PERFORATING RECORD Perf 3366-3600 w/20
STIMULATION A/5000
SWF/53,000 x 87,000
IP IPF = 444 MCFGPD
GOR Dry GR
TP 170 CP 210
CHOKE 20/64 TUBING @
DST RECORD
REMARKS

COMPLETION RECORD
SPUD DATE 1-10-73 COMP. DATE
TD 3730 PBTD
CASING RECORD 8 5/8 @ 397 w/300
4 1/2 @ 3730 w/285
PERFORATING RECORD Perf 3454-3628 w/
(Queen-Penrose)
STIMULATION A/2000
SWF/20,000 + 28,500
IP IPF = 90 BOPD + 250 MC
GOR 2778/1 GR
TP 93 CP
CHOKE 20/64 TUBING
DST RECORD
REMARKS

LEGEND

- COMMITTEE TOP QUEEN
- COMMITTEE TOP LANGLIE MATTIX INTERVAL (100' ABOVE TOP QUEEN)
- COMMONLY USED TOP QUEEN
- REQUESTED EXCEPTION TOP LANGLIE MATTIX (200' ABOVE COMMITTEE TOP QUEEN)
- LANGLIE MATTIX PRODUCTION ABOVE COMMITTEE LANGLIE MATTIX INTERVAL

✓ Water Damaged Documents
#6505
47-175-176-181-182
1-25-88
L. Blea

W.N.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

4

...le Hartman
...o "LM" State No. 2
...glie Mattix
... FSL & 330 FWL (L)
...ion 36, T-23-S, R-36-E
...Mexico
KB 3342
DF
GL 3331

5

COMPANY Doyle Hartman
WELL Citgo "LM" State No. 1
FIELD Langlie Mattix
LOCATION 330 FSL & 330 FWL (M)
Section 36, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3341
DF
GL 3329

6

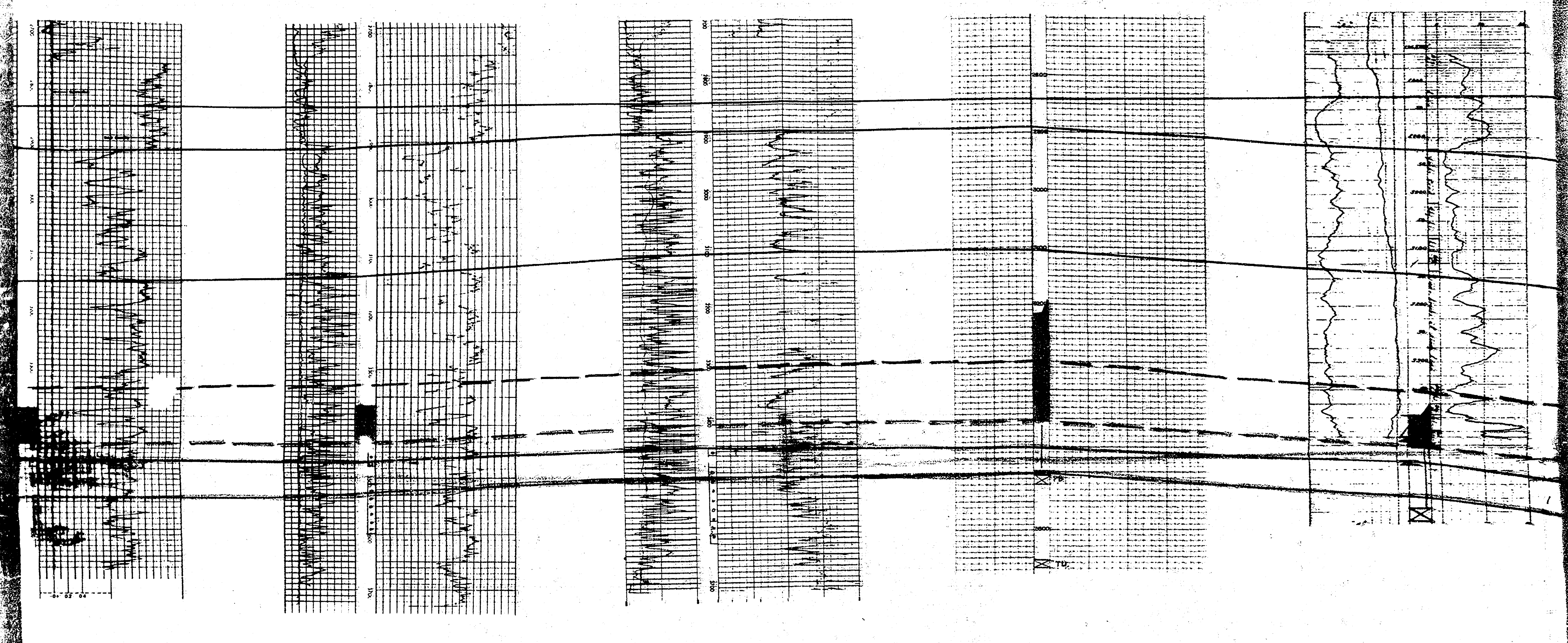
COMPANY John Yuronka
WELL ARCo-Crump No. 2
FIELD Langlie Mattix
LOCATION 1650 FSL & 1650 FEL (J)
Section 1, T-24-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3346
DF
GL 3333

7

COMPANY Atlantic Richfield Company
WELL Jim Camp No. 1
FIELD Langlie Mattix
LOCATION 660 FSL & 660 FWL (M)
Section 6, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF
GL 3341

8

COMPANY Atlantic Richfield Company
(Getty)
WELL Geo. Toby No. 2
(MLMU No. 239-WI)
FIELD Langlie Mattix
LOCATION 1980 FSL & 660 FEL (I)
Section 12, T-24-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3328
GL



COMPLETION RECORD

...-77 COMP. DATE 6-18-77
PBTD 3683
... 463 w/ 300
... 3700 w/1650
Perf 3379-3612 w/23
...,000 x 87,000
445 MCFGPD
GR
CP
TUBING @

COMPLETION RECORD

SPUD DATE 1-26-77 COMP. DATE 2-14-77
TD 3725 PBTD 3683
CASING RECORD 8 5/8 @ 433 w/ 300
4 1/2 @ 3725 w/1250
PERFORATING RECORD Perf 3366-3600 w/20
STIMULATION A/5000
SWF/53,000 x 87,000
IP IPF = 444 MCFGPD
GOR Dry GR
TP 170 CP 210
CHOKE 20/64 TUBING @
DST RECORD
REMARKS

COMPLETION RECORD

SPUD DATE 1-10-73 COMP. DATE 1-24-73
TD 3730 PBTD 3695
CASING RECORD 8 5/8 @ 397 w/300
4 1/2 @ 3730 w/285
PERFORATING RECORD Perf 3454-3628 w/11
(Queen-Penrose)
STIMULATION A/2000
SWF/20,000 + 28,500
IP IPF = 90 BOPD + 250 MCFPD
GOR 2778/1 GR
TP 90 CP
CHOKE 20/64 TUBING @
DST RECORD
REMARKS

COMPLETION RECORD

SPUD DATE COMP. DATE 6-13-37
TD 3656 PBTD 3505
CASING RECORD 13 @ 272 w/200
8 5/8 @ 2780 w/700
7 @ 3220 w/100
PERFORATING RECORD OH: 3220-3505
STIMULATION None reported
IP IPF = 10,000 MCFPD
GOR GR
TP CP
CHOKE TUBING @
DST RECORD DST 3540-3553 No show.
Avg. 1960 Prod: 0 BOPD
344 MCFPD
REMARKS

COMPLETION RECORD

SPUD DATE 11-1-39 COMP. DATE 1-4-40
TD 3570 PBTD 3570
CASING RECORD 12 1/2 @ 252 w/200
9 5/8 @ 2751 w/700
7 @ 3400 w/ 75
PERFORATING RECORD OH 3500-3570:
(Queen oil and gas)
OH 3468-3500:
(Seven Rivers gas)
STIMULATION Natural
IP IPF = 184 BOPD + 300 MCFPD
GOR 1630/1 GR
TP CP
CHOKE TUBING 2 7/8 @ 3570
DST RECORD DST 3397-3455 Op 0:15
No shows.
DST 3449-3456 F/10,000 MCFPD
DST 3480-3487 F/16,000 MCFPD
Avg. 1960 Prod: 1 BOPD
242 MCFPD
REMARKS Well converted to water injection well
in MLMU waterflood.

Water Damaged Documents
#6505
47-175-176-181-182-183
1-25-88
L. Blea

W.R.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

-E

3346

3333

7

COMPANY Atlantic Richfield Company
WELL Jim Camp No. 1
FIELD Langlie Mattix
LOCATION 660 FSL & 660 FWL (M)
Section 6, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF
GL 3341

8

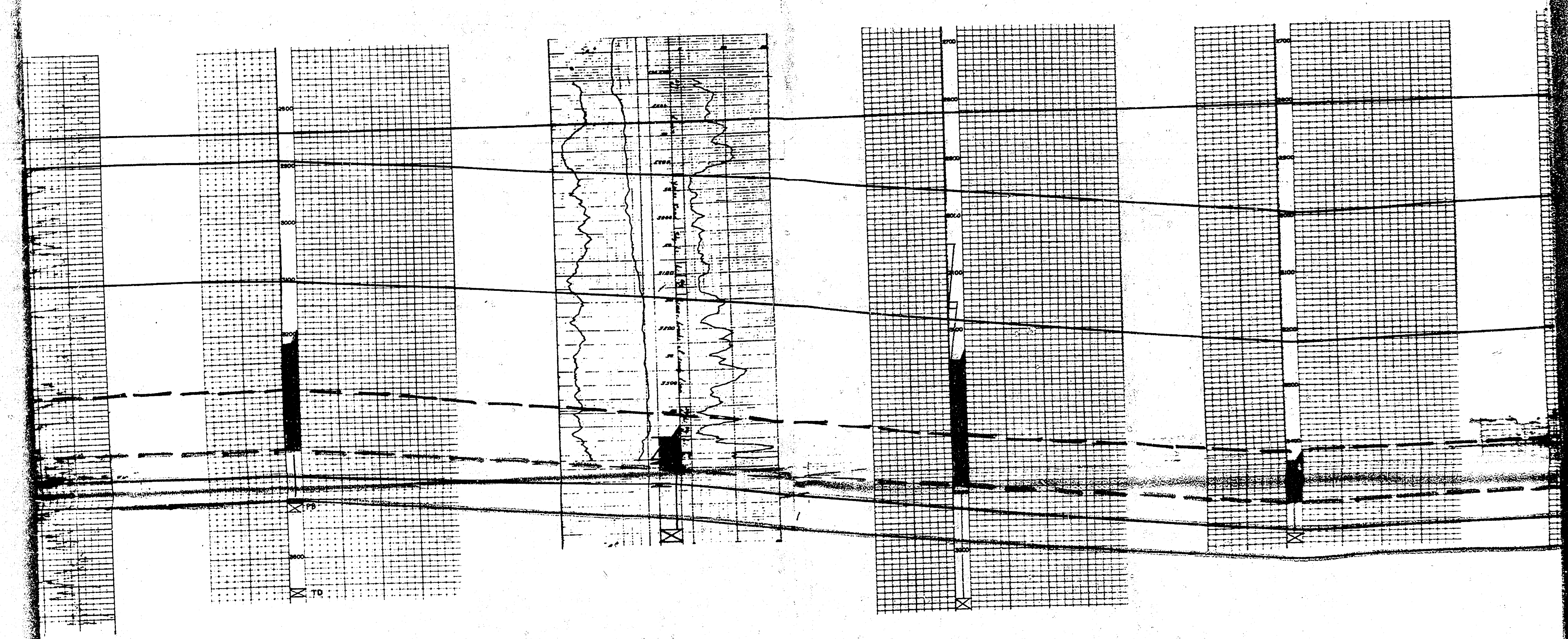
COMPANY Atlantic Richfield Company
(Getty)
WELL Geo. Toby No. 2
(MLMU No. 239-WI)
FIELD Langlie Mattix
LOCATION 1980 FSL & 660 FEL (I)
Section 12, T-24-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3328
GL

9

COMPANY Atlantic Richfield Co.
(Getty Oil Co.)
WELL G. W. Toby No. 1
(MLMU No. 243)
FIELD Langlie Mattix
LOCATION 660 FSL & 660 FEL (P)
Section 12, T-24-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3322
GL

10

COMPANY Atlantic Richfield Company
(Reserve Oil Inc.)
WELL Bates No. 1
(CJU No. 101)
FIELD Langlie Mattix
LOCATION 660 FNL & 1980 FWL (C)
Section 18, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3306 Est.
GL



1-24-73
3695
11
@

COMPLETION RECORD

SPUD DATE
COMP. DATE 6-13-37
TD 3656
PBTD 3505
CASING RECORD 13 @ 272 w/200
8 5/8@ 2780 w/700
7 @ 3220 w/100
PERFORATING RECORD OH: 3220-3505
STIMULATION None reported
IP IPF = 10,000 MCFPD
GOR
GR
TP
CP
CHOKE
TUBING @
DST RECORD DST 3540-3553 No show.
Avg. 1960 Prod: 0 BOPD
344 MCFPD
REMARKS

COMPLETION RECORD

SPUD DATE 11-1-39
COMP. DATE 1-4-40
TD 3570
PBTD 3570
CASING RECORD 12 1/2 @ 252 w/200
9 5/8 @ 2751 w/700
7 @ 3400 w/ 75
PERFORATING RECORD OH 3500-3570:
(Queen oil and gas)
OH 3468-3500:
(Seven Rivers gas)
STIMULATION Natural
IP IPF = 184 BOPD + 300 MCFPD
GOR 1630/1
GR
TP
CP
CHOKE
TUBING 2 7/8 @ 3570
DST RECORD DST 3397-3495 Op 0:15
No shows.
DST 3449-3456 F/10,000 MCFPD
DST 3480-3487 F/16,000 MCFPD
Avg. 1960 Prod: 1 BOPD
242 MCFPD
REMARKS Well converted to water injection well
in MLMU waterflood.

COMPLETION RECORD

SPUD DATE 1-1-37
COMP. DATE
TD 3685
PBTD 3685
CASING RECORD 9 5/8 @ 2844 w/700
7 @ 3257 w/ 40
PERFORATING RECORD OH: 3257-3685
STIMULATION Natural
IP 24,500 MCFPD
GOR
GR
TP
CP
CHOKE
TUBING @
DST RECORD DST 3050-3163 Op 0:15, 300 MCFPD
DST 3153-3267 Op 1:10, 600 MCFPD
DST 3267-3328 Op 0:20, 2800 MCFPD
DST 3310-3500 Op 0:15, 5500 MCFPD
Well dualed with Jalmat on an unknown
date.
REMARKS Avg. 1960 Langlie Mattix Prod: 1 BOPD
242 MCFPD
Well T. A. in Langlie Mattix

COMPLETION RECORD

SPUD DATE 10-21-41
COMP. DATE
TD 3572
PBTD
CASING RECORD 9 5/8 @ 2822 w/500
7 @ 3440 w/100
PERFORATING RECORD OH 3440-3572
STIMULATION None reported
IP IPF = 264 BOPD
GOR 1065
GR
TP
CP
CHOKE 4/64
TUBING @
DST RECORD
Avg. 1960 Prod: 7 BOPD
103 MCFPD
Well converted to water injection well
REMARKS in CJU waterflood.

C.I. MICROGRAPHICS W.N.M.C.F.

✓ Water Damaged Documents
#6505
47-175-176-181-182-183-184
1-25-88
L. Blea

BEST AVAILABLE COPY

☼ 9

COMPANY Atlantic Richfield Co.
(Getty Oil Co.)
WELL G. W. Toby No. 1
(MLMU No. 243)
FIELD Langlie Mattix
LOCATION 660 FSL & 660 FEL (P)
Section 12, T-24-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3322
GL

△ 10

COMPANY Atlantic Richfield Company
(Reserve Oil Inc.)
WELL Bates No. 1
(CJU No. 101)
FIELD Langlie Mattix
LOCATION 660 FNL & 1980 FWL (C)
Section 18, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3306 Est.
GL

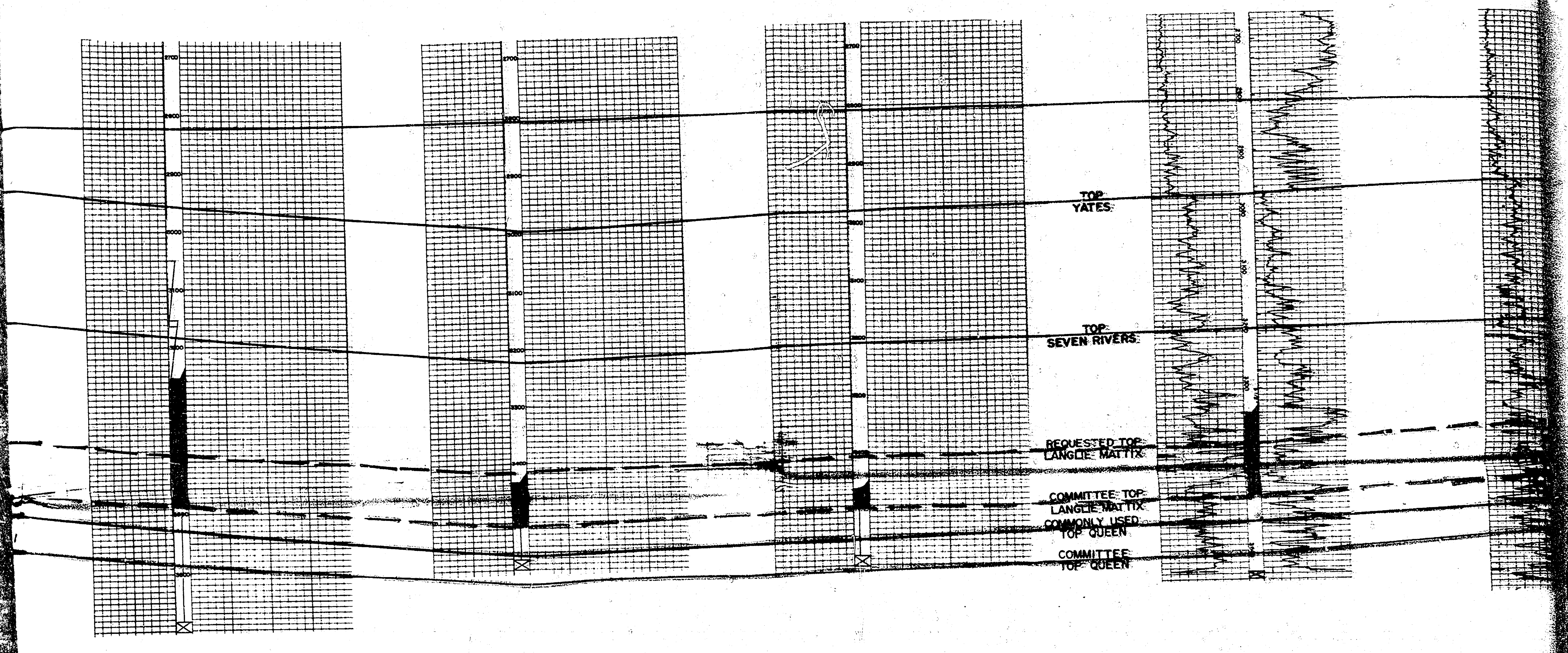
● 11

COMPANY Atlantic Richfield Company
(Reserve Oil and Gas)
WELL Bates No. 3
(CJU No. 105)
FIELD Langlie Mattix
LOCATION 1980 FNL & 1980 FWL (F)
Section 18, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3304
GL

△ 12

COMPANY Cities Service Oil Company
(Reserve Oil Inc.)
WELL Jack No. 1
(CJU No. 109)
FIELD Langlie Mattix
LOCATION 1980 FSL and FWL (K)
Section 18, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3311
GL

COMPANY Cities
(Reser
WELL Jack
(CJU
FIELD Langli
LOCATION 660 FS
Section
COUNTY Lea
STATE New Mex
ELEVATIONS:



COMPLETION RECORD

SPUD DATE 1-1-37 COMP DATE
TD 3685 PBTD 3685
CASING RECORD 9 5/8 @ 2844 w/700
7 @ 3257 w/ 40
PERFORATING RECORD OH: 3257-3685
STIMULATION Natural
IP 24,500 MCFPD
GOR GR
TP CP
CHOKE TUBING @
DST RECORD DST 3050-3163 Op 0:15, 300 MCFPD
DST 3153-3267 Op 1:10, 600 MCFPD
DST 3267-3328 Op 0:20, 2800 MCFPD
DST 3310-3500 Op 0:15, 5500 MCFPD
Well dualed with Jalmat on an unknown date.
REMARKS Avg. 1960 Langlie Mattix Prod: 1 BOPD
242 MCFPD
Well T. A. in Langlie Mattix

COMPLETION RECORD

SPUD DATE 10-21-41 COMP DATE
TD 3572 PBTD
CASING RECORD 9 5/8 @ 2822 w/500
7 @ 3440 w/100
PERFORATING RECORD OH 3440-3572
STIMULATION None reported
IP IPF = 264 BOPD
GOR 1065 GR
TP CP
CHOKE 4/64 TUBING @
DST RECORD
Avg. 1960 Prod: 7 BOPD
103 MCFPD
Well converted to water injection well
REMARKS in CJU waterflood.

COMPLETION RECORD

SPUD DATE 6-10-46 COMP. DATE 7-12-46
TD 3583 PBTD 3583
CASING RECORD 8 5/8 @ 1282 w/550
5 1/2 @ 3468 w/250
PERFORATING RECORD OH 3468-3583
STIMULATION Natural
IP IFP = 45 BOPD
GOR GR
TP CP
CHOKE 3/4 TUBING 2 3/8 @ 3561
DST RECORD
Avg. 1960 Prod: 2 BOPD
33 MCF D
REMARKS

COMPLETION RECORD

SPUD DATE 9-25-49 COMP. DATE 10-27-49
TD 3638 PBTD
CASING RECORD 8 5/8 @ 300 w/150
5 1/2 @ 3354 w/400
PERFORATING RECORD OH 3354-3638
STIMULATION None reported
IP IPF = 124 BOPD
GOR 4153 GR 33
TP CP
CHOKE TUBING @
DST RECORD
Avg. 1964 Prod: 1 BOPD
255 MCFPD
Well converted to water injection well
in CJU waterflood.
REMARKS

SPUD DATE 10-2
TD 3648
CASING RECORD 8 5/8
5 1/2
PERFORATING RECORD
STIMULATION Shot
IP IPF =
GOR
TP
CHOKE
DST RECORD
Avg.
REMARKS

✓ Water Damaged Documents
#6505
47-175-176-181-182-183-184-185
1-25-88
L. Blea

W.R.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

● 11

COMPANY Atlantic Richfield Company
(Reserve Oil and Gas)
WELL Bates No. 3
(CJU No. 105)
FIELD Langlie Mattix
LOCATION 1980 FNL & 1980 FWL (F)
Section 18, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3304
GL

△ 12

COMPANY Cities Service Oil Company
(Reserve Oil Inc.)
WELL Jack No. 1
(CJU No. 109)
FIELD Langlie Mattix
LOCATION 1980 FSL and FWL (K)
Section 18, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3311
GL

● 13

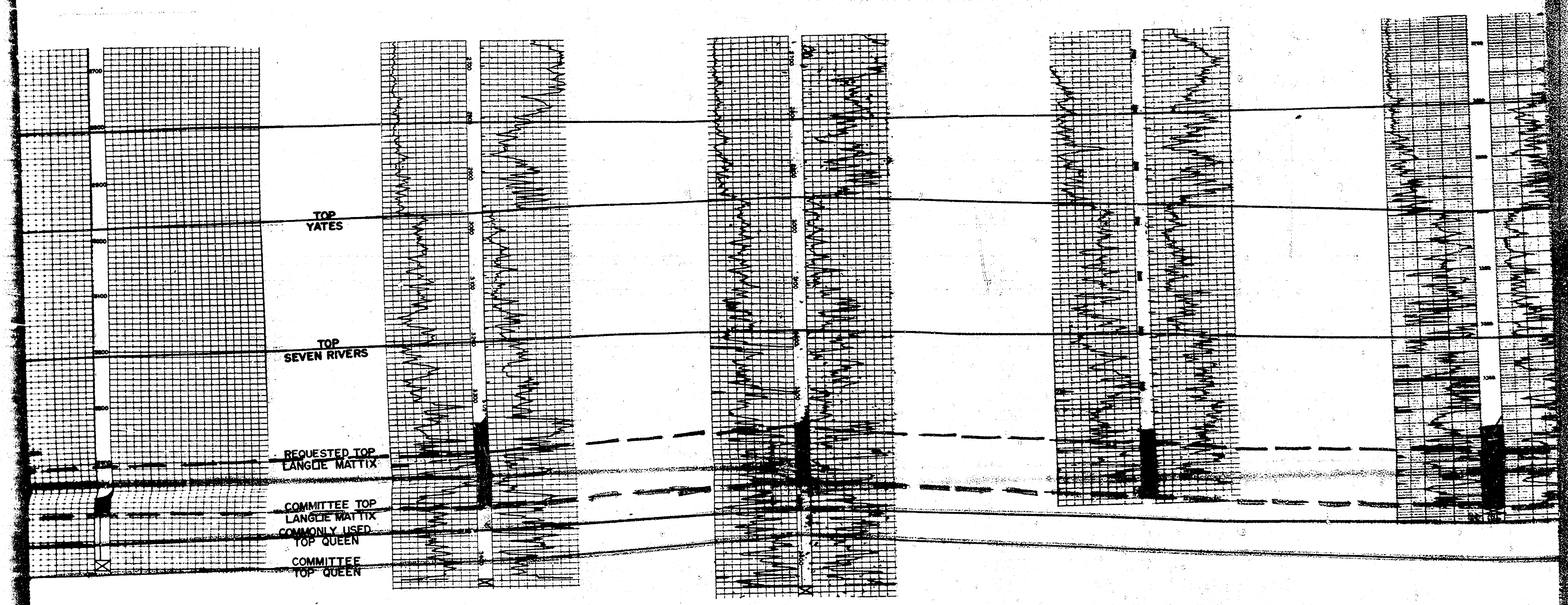
COMPANY Cities Service Oil Company
(Reserve Oil Inc.)
WELL Jack No. 2
(CJU No. 117)
FIELD Langlie Mattix
LOCATION 660 FSL & 1980 FWL (N)
Section 18, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3308
GL

△ 14

COMPANY Conoco
(Reserve Oil & Gas)
WELL Jack Fed. No. 8
(CJU No. 124 - WI)
FIELD Langlie Mattix
LOCATION 660 FNL & 1917 FWL (C)
Section 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3309
GL

● 15

COMPANY Conoco
(Reserve Oil and Gas)
WELL Jack Fed. No. 7
(CJU No. 129)
FIELD Langlie Mattix
LOCATION 1650 FNL & 1587 FWL (F)
Section 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3308
GL



COMPLETION RECORD

SPUD DATE 6-10-46 COMP. DATE 7-12-46
TD 3583 PBTD 3583
CASING RECORD 8 5/8 @ 1282 w/550
5 1/2 @ 3468 w/250
PERFORATING RECORD OH 3468-3583
STIMULATION Natural
IP IFP = 45 BOPD
GOR GR
TP CP
CHOKE 3/4 TUBING 2 3/8 @ 3561
DST RECORD
Avg. 1960 Prod: 2 BOPD
33 MCFPD
REMARKS

COMPLETION RECORD

SPUD DATE 9-25-48 COMP. DATE 10-27-48
TD 3638 PBTD
CASING RECORD 8 5/8 @ 300 w/150
5 1/2 @ 3354 w/400
PERFORATING RECORD OH 3354-3638
STIMULATION None reported
IP IPF = 124 BOPD
GOR 4153 GR 33
TP CP
CHOKE TUBING @
DST RECORD
Avg. 1964 Prod: 1 BOPD
255 MCFPD
Well converted to water injection well
in CJU waterflood.
REMARKS

COMPLETION RECORD

SPUD DATE 10-28-48 COMP. DATE 11-24-48
TD 3648 PBTD
CASING RECORD 8 5/8 @ 334 w/150
5 1/2 @ 3350 w/500
PERFORATING RECORD OH 3350-3648
STIMULATION Shot 290 Qts. 3450-3648
IP IPF = 65 BOPD
GOR GR
TP CP
CHOKE TUBING @
DST RECORD
Avg. 1964 Prod: 1 BOPD
240 MCFPD
REMARKS

COMPLETION RECORD

SPUD DATE 2-22-56 COMP. DATE 3-9-56
TD 3530 PBTD
CASING RECORD 9 5/8 @ 308 w/175
5 1/2 @ 3530 w/400
PERFORATING RECORD Perf 3380-3482 w/244
STIMULATION SF/19,600 + 28,000
IP IPF = 54 BOPD + 2800 MCFPD
GOR GR
TP 180 CP 280
CHOKE 3/4 TUBING 2 3/8 @ 3450
DST RECORD
Avg. 1960 Prod: 5 BOPD
283 MCFPD
Well converted to water injection well
in CJU waterflood.
REMARKS

COMPLETION RECORD

SPUD DATE 8-27-54 COMP. DATE 9-1
TD 3535 PBTD 3535
CASING RECORD 8 5/8 @ 330 w/175
5 1/2 @ 3386 w/300
PERFORATING RECORD OH 3386-3535
(3rd thru 5th Seven R
STIMULATION SF/8000
IP IPF = 120 BOPD + 500 MCFPD
GOR GR 37.0
TP 200 CP 400
CHOKE 20/64 TUBING 2 3/8
DST RECORD
Avg. 1960 Prod: 7 BOPD
283 MCFPD
REMARKS

C.I. MICROGRAPHICS W.N.M.C.F.
P.O. DRAWER [illegible]
GRANTS, NEW MEXICO 87020

✓ Water Damaged Documents
DOCUMENT NUMBER #6505
REEL NUMBER 47-175-176-181-182-183-184-185-186
DATE 1-25-88
L. Blea

W.N.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

13

ervice Oil Company
Oil Inc.)
2
117)
Mattix
& 1980 FWL (N)
18, T-24-S, R-37-E
co
KB
DF 3308
GL

14

COMPANY Conoco
(Reserve Oil & Gas)
WELL Jack Fed. No. 8
(CJU No. 124 - WI)
FIELD Langlie Mattix
LOCATION 660 FNL & 1917 FWL (C)
Section 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3309
GL

15

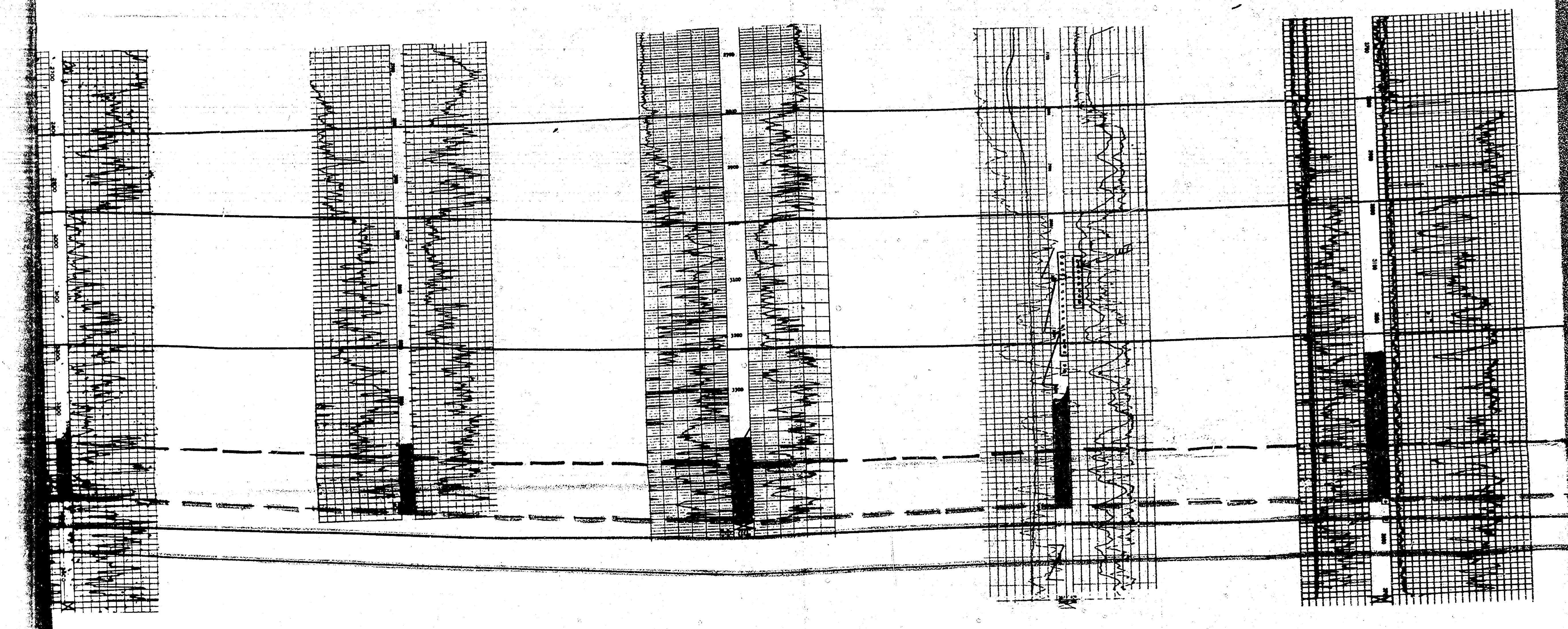
COMPANY Conoco
(Reserve Oil and Gas)
WELL Jack Fed. No. 7
(CJU No. 129)
FIELD Langlie Mattix
LOCATION 1650 FNL & 1587 FWL (F)
Section 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3306
GL

16

COMPANY Amerada
(Reserve Oil Inc.)
WELL A. G. Falby No. 3
(CJU No. 240 & 133)
FIELD Jalmat and Langlie Mattix
LOCATION 1980 FSL & 1916 FWL (K)
Section 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3295
GL

17

COMPANY Reserve Oil Inc.
WELL Cooper Jal Unit No. 153
FIELD Langlie Mattix
LOCATION 1400 FSL & 280 FWL (L)
Section 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3300
DF
GL 3290



MPLETION RECORD

COMP. DATE 11-24-48
PBTD
334 w/150
3350 w/500
3350-3648
Qts. 3450-3648
BOPD
GR
CP
TUBING @
4 Prod: 1 BOPD
240 MCFPD

COMPLETION RECORD

SPUD DATE 2-22-56 COMP. DATE 3-9-56
TD 3530 PBTD
CASING RECORD 9 5/8 @ 308 w/175
5 1/2 @ 3530 w/400
PERFORATING RECORD Perf 3380-3482 w/244
STIMULATION SF/19,600 + 28,000
IP IPF = 54 BOPD + 2800 MCFPD
GOR GR
TP 180 CP 280
CHOKE 3/4 TUBING 2 3/8 @ 3450
DST RECORD
Avg. 1960 Prod: 5 BOPD
283 MCFPD
Well converted to water injection well in CJU waterflood.
REMARKS

COMPLETION RECORD

SPUD DATE 8-27-54 COMP. DATE 9-11-54
TD 3535 PBTD 3535
CASING RECORD 8 5/8 @ 330 w/175
5 1/2 @ 3386 w/300
PERFORATING RECORD OH 3386-3535
(3rd thru 5th Seven Rivers)
STIMULATION SF/8000
IP IPF = 120 BOPD + 500 MCFPD
GOR GR 37.0
TP 200 CP 400
CHOKE 20/64 TUBING 2 3/8 @ 3465
DST RECORD
Avg. 1960 Prod: 7 BOPD
283 MCFPD
REMARKS

COMPLETION RECORD

SPUD DATE 9-20-49 COMP. DATE 10-12-49
TD 3680 PBTD 3241
CASING RECORD 8 5/8 @ 315 w/175
5 1/2 @ 3320 w/950
PERFORATING RECORD Perf 3053-3241
STIMULATION A/1000
IP IPF 52 BOPD
GOR GR
TP CP
CHOKE TUBING @
DST RECORD DST 3047-3100 GTS 20", Flo 26 BO 4 Hrs. R 115'O. DST 3101-3200 GTS 15", R 50' HGCM + 625' HG & OCM. DST 3200-3292 GTS 2" @ 2840 MCFPD; 15" SIP = 1125. DST 3580-3640 R 20' M
8-24-55: Recompleted 3182-3278 & OH 3320-3625.
REMARKS Avg 1960 Prod: 13 BOPD
456 MCFPD
Well converted to Jalmat and Langlie Mattix water injection well in CJU waterflood.

COMPLETION RECORD

SPUD DATE COMP. DATE 2-1-78
TD PBTD
CASING RECORD 8 5/8 @ 368 w/ 200
5 1/2 @ 3711 w/1000
PERFORATING RECORD 3278-3576 w/17
STIMULATION A/4000
SWF/42,200 + 47,500
IP IPP= 49 BO + 189 BWPD
GOR GR
TP CP
CHOKE TUBING @
DST RECORD
Recently drilled Langlie Mattix producer
REMARKS

C.I. MICROGRAPHICS W.N.M.C.F.
P.O. DRAWER [illegible]
[illegible] NEW MEXICO [illegible]

✓ Water Damaged Documents
#6505
47-175-176-181-182-183-184-185-186
(con) 187
1-25-88
L. Blea

W.N.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

16

COMPANY	Amerada (Reserve Oil Inc.)
WELL	A. G. Falby No. 3 (CJU No. 240 & 133)
FIELD	Jalmat and Langlie Mattix
LOCATION	1980 FSL & 1916 FWL (K) Section 19, T-24-S, R-37-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS: KB	
DF	3295
GL	

17

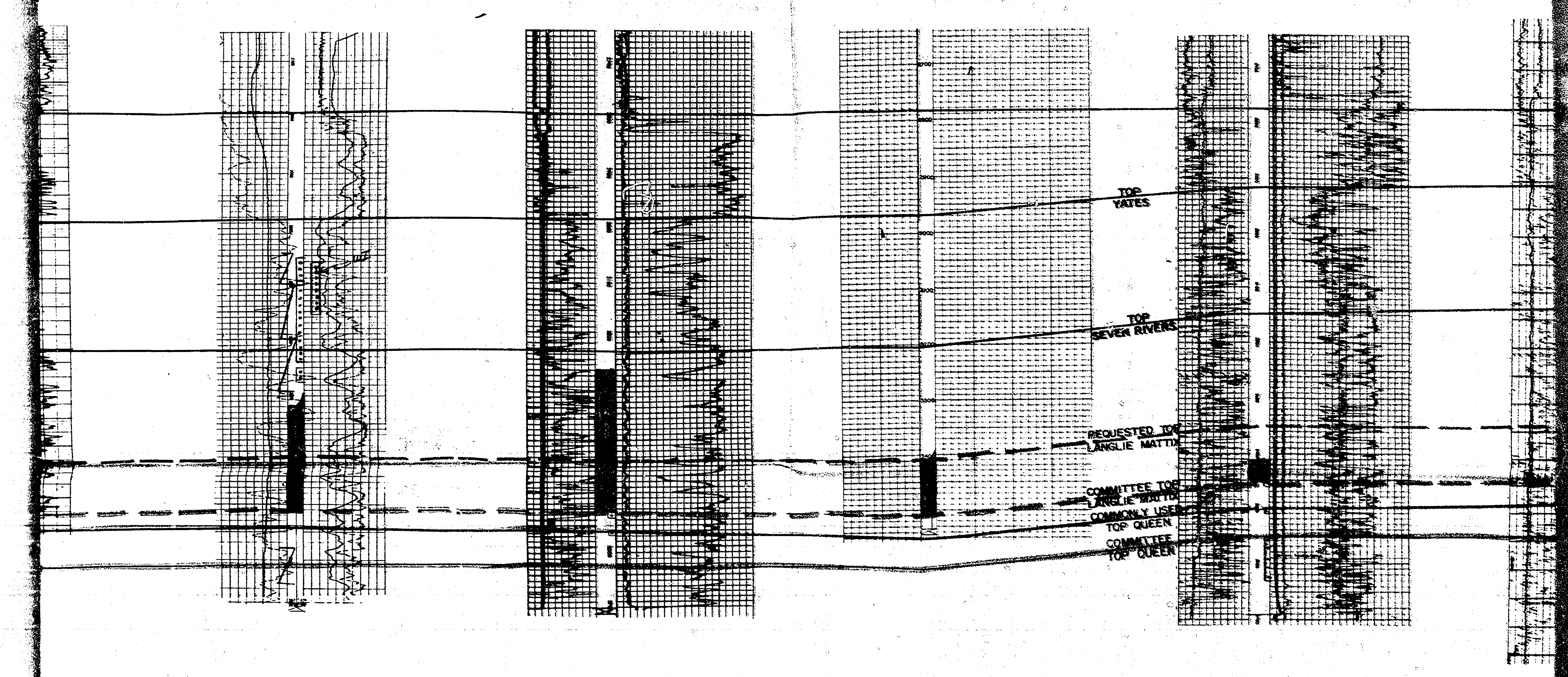
COMPANY	Reserve Oil Inc.
WELL	Cooper Jal Unit No. 153
FIELD	Langlie Mattix
LOCATION	1400 FSL & 280 FWL (L) Section 19, T-24-S, R-37-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS: KB	3300
DF	
GL	3290

18

COMPANY	Texaco (Reserve Oil, Inc.)
WELL	Fristoe "B" NCT 3 No. 5 (CJU No. 141)
FIELD	Langlie Mattix
LOCATION	330' FNL & FWL (D) Section 30, T-24-S, R-37-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS: KB	
DF	3286
GL	

19

COMPANY	Gulf Oil Corporation
WELL	C. D. Woolworth No. 4
FIELD	Langlie Mattix
LOCATION	2080 FSL & 760 FWL (L) Section 30, T-24-S, R-37-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS: KB	3276
DF	
GL	3265



COMPLETION RECORD (16)

SPUD DATE	9-20-49	COMP. DATE	10-12-49
TD	3680	PBTD	3241
CASING RECORD	8 5/8 @ 315 w/175 5 1/2 @ 3320 w/950		
PERFORATING RECORD	Perf 3053-3241		
STIMULATION	A/1000		
IP	IPF 52 BOPD		
GOR		GR	
TP		CP	
CHOKE		TUBING	@
DST RECORD	DST 3047-3100 OTS 20", Flo 26 BO 4 Hrs, R 115'O. DST 3101-3200 GTS 15", R 50' HGCM + 625' HG & OCM. DST 3200-3292 GTS 2" @ 2840 MCFPD, 15" SIP = 1125. DST 3580-3640 R 20' M 8-24-55: Recompleted 3182-3278 & OH 3320-3625.		
REMARKS	Avg 1960 Prod: 13 BOPD 456 MCFPD Well converted to Jalmat and Langlie Mattix water injection well in CJU waterflood.		

COMPLETION RECORD (17)

SPUD DATE		COMP. DATE	2-1-78
TD		PBTD	
CASING RECORD	8 5/8 @ 368 w/ 200 5 1/2 @ 3711 w/1000		
PERFORATING RECORD	3278-3576 w/17		
STIMULATION	A/4000 SWF/42,200 + 47,500		
IP	IPP= 49 BO + 189 BWPD		
GOR		GR	
TP		CP	
CHOKE		TUBING	@
DST RECORD	Recently drilled Langlie Mattix producer		
REMARKS			

COMPLETION RECORD (18)

SPUD DATE	8-16-55	COMP. DATE	9-9-55
TD	3535	PBTD	
CASING RECORD	8 5/8 @ 1140 w/500 5 1/2 @ 3410 w/400		
PERFORATING RECORD	OH 3410-3535		
STIMULATION	A/500		
IP	IPF = 141 BOPD		
GOR	947	GR	
TP		CP	
CHOKE	24/64	TUBING	@
DST RECORD	Avg. 1960 Prod= 5 BOPD 36 MCFPD		
REMARKS			

COMPLETION RECORD (19)

SPUD DATE	3-22-77	COMP. DATE	5-14-77
TD	3700	PBTD	3680
CASING RECORD	8 5/8 @ 362 w/ 300 4 1/2 @ 3700 w/1100		
PERFORATING RECORD	Perf 3414-3662 w/56		
STIMULATION	A/3600 SWF/35,000 + 52,500		
IP	IPP = 48 BO + 81 BWPD		
GOR		GR	30.3
TP		CP	
CHOKE		TUBING	@
DST RECORD			
REMARKS			

C.I. MICROGRAPHICS W.N.M.C.F.

✓ Water Damaged Documents
DOCUMENT NUMBER #6505
REEL NUMBER 47-175-176-181-182-183-184-185-186 (con) 187-188
DATE 1-25-88
L. Blea

W.N.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

18

COMPANY Texaco
(Reserve Oil, Inc.)
WELL Fristoe "B" NCT 3 No. 5
(CJU No. 141)
FIELD Langlie Mattix
LOCATION 330' FNL & FWL (D)
Section 30, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3286
GL

19

COMPANY Gulf Oil Corporation
WELL C. D. Woolworth No. 4
FIELD Langlie Mattix
LOCATION 2080 FSL & 760 FWL (L)
Section 30, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3276
DF
GL 3265

20

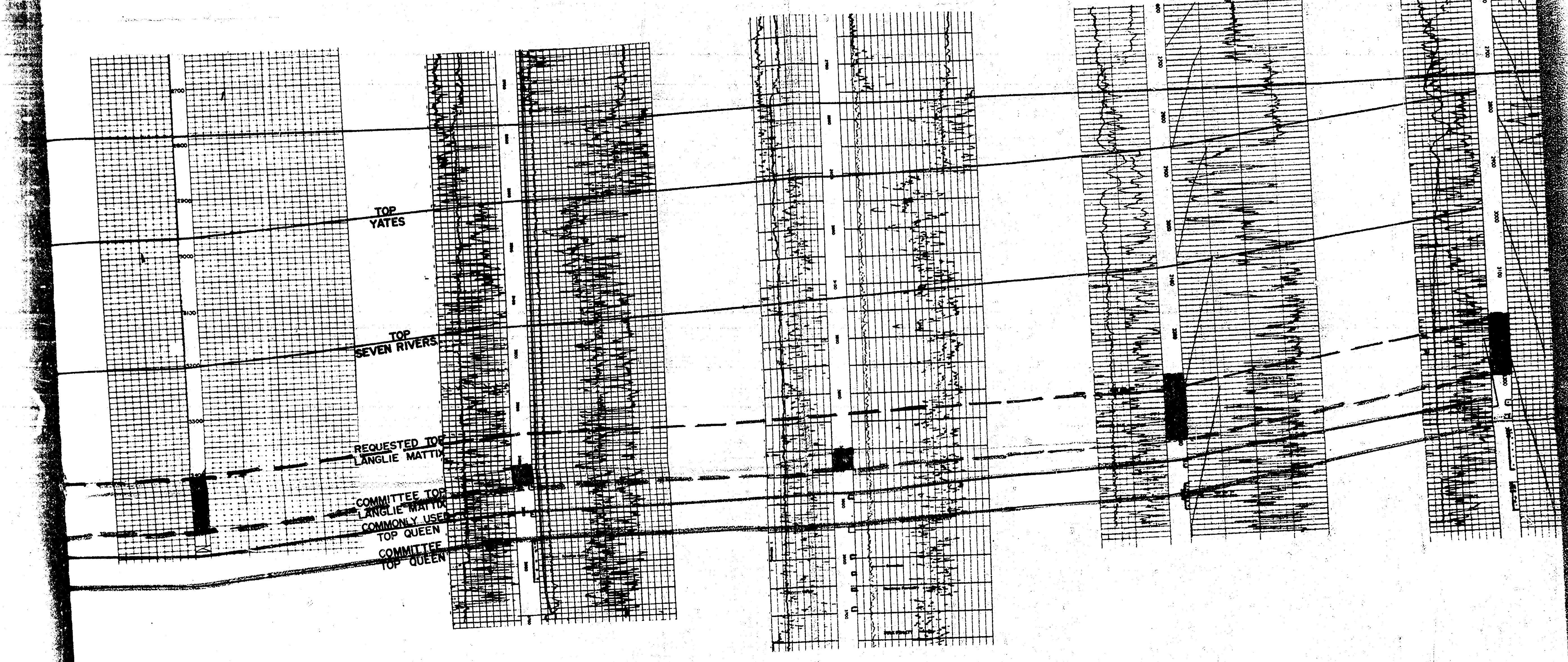
COMPANY Gulf Oil Corporation
WELL Woolworth No. 5
FIELD Langlie Mattix
LOCATION 660 FSL & FWL (M)
Section 30, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3271
DF
GL 3262

21

COMPANY Union Texas Petroleum
WELL Langlie-Jal Unit No. 13
FIELD Langlie Mattix
LOCATION 1980 FNL & 1980 FWL (F)
Sec. 31, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3251
DF
GL

22

COMPANY Union Texas Petro
WELL Langlie Jal Unit
FIELD Langlie Mattix
LOCATION 660 FSL & 1980 FW
Sec. 31, T-24-S,
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF
GL



COMPLETION RECORD

SPUD DATE 8-16-55 COMP. DATE 9-9-55
TD 3535 PBTD
CASING RECORD 8 5/8 @ 1140 w/500
5 1/2 @ 3410 w/400
PERFORATING RECORD OH 3410-3535
STIMULATION A/500
IP IPF = 141 BOPD
GOR 947 GR
TP CP
CHOKE 24/64 TUBING @
DST RECORD
Avg. 1960 Prod= 5 BOPD
36 MCFPD
REMARKS

COMPLETION RECORD

SPUD DATE 3-22-77 COMP. DATE 5-14-77
TD 3700 PBTD 3680
CASING RECORD 8 5/8 @ 362 w/ 300
4 1/2 @ 3700 w/1100
PERFORATING RECORD Perf 3414-3662 w/56
STIMULATION A/3600
SWF/35,000 x 52,500
IP IPP = 48 BO + 81 BWPD
GOR GR 30.3
TP CP
CHOKE TUBING @
DST RECORD
REMARKS

COMPLETION RECORD

SPUD DATE 2-27-78 COMP. DATE 4-13-78
TD 3750 PBTD
CASING RECORD 9 5/8 @ 371 w/250
4 1/2 @ 3750 w/800
PERFORATING RECORD Perf 3406-3692 w/28
STIMULATION A/6400
/18,000 x 30,000
IP IPP = 25 BO + 26 BWPD
GOR GR 42.3
TP CP
CHOKE TUBING @
DST RECORD
REMARKS

COMPLETION RECORD

SPUD DATE 9-25-71 COMP. DATE 4-6-72
TD 3600 PBTD 3576
CASING RECORD 8 5/8 @ 802 w/475
4 1/2 @ 3600 w/1222
PERFORATING RECORD Perf: 3280-3543 w/46
STIMULATION A/500
IP Completed as Water Injector
GOR GR
TP CP
CHOKE TUBING @
DST RECORD
REMARKS

COMPLETION

SPUD DATE 9-9-71
TD 3600
CASING RECORD 8 5/8 @ 839 w/47
4 1/2 @ 3595 w/12
PERFORATING RECORD Perf: 3185-
STIMULATION A/1500
IP Completed as Wate
GOR GR
TP CP
CHOKE TUBING
DST RECORD
REMARKS

Water Damaged Documents
#6505
47-175-176-181-182-183-184-185-186
(cont) 187-188-189
1-25-88
L. Blea

B'
SOUTH

20

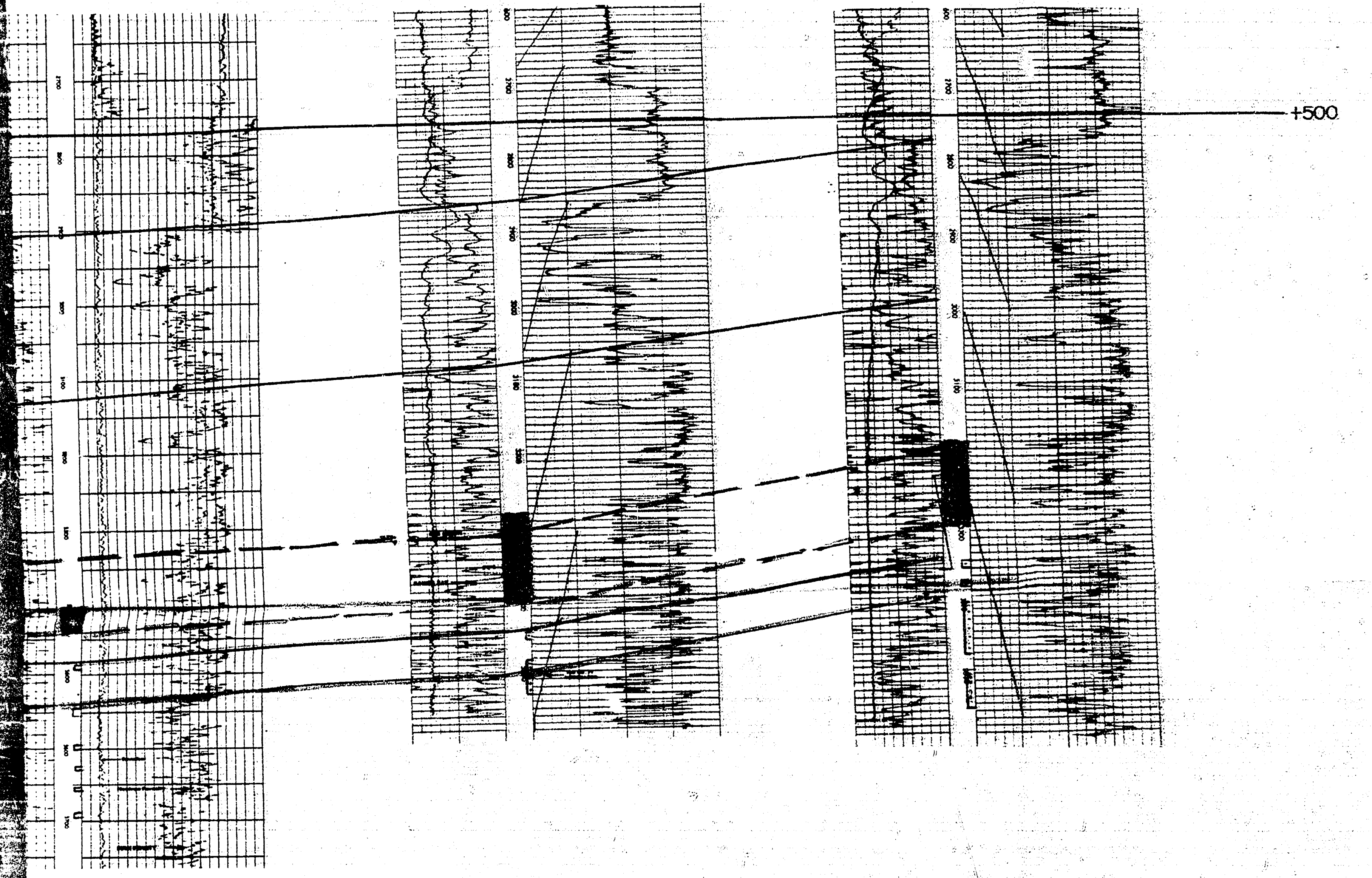
Gulf Oil Corporation
Woolworth No. 5
Langlie Mattix
660 FSL & FWL (M)
Section 30, T-24-S, R-37-E
Lea
New Mexico
KB 3271
DF
GL 3262

21

COMPANY Union Texas Petroleum
WELL Langlie-Jal Unit No. 13
FIELD Langlie Mattix
LOCATION 1980 FNL & 1980 FWL (F)
Sec. 31, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3251
DF
GL

22

COMPANY Union Texas Petroleum
WELL Langlie Jal Unit No. 29
FIELD Langlie Mattix
LOCATION 660 FSL & 1980 FWL (N)
Sec. 31, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3243
DF
GL



COMPLETION RECORD
2-27-78 COMP. DATE 4-13-78
3750 PBTD
9 5/8 @ 371 w/250
4 1/2 @ 3750 w/800
RECORD Perf 3406-3692 w/28
A/6400
-/10,000 x 30,000
IPP = 25 BO + 26 BWPD
GR 42.3
CP
TUBING @

COMPLETION RECORD
SPUD DATE 9-25-71 COMP DATE 4-6-72
TD 3600 PBTD 3576
CASING RECORD 8 5/8 @ 802 w/475
4 1/2 @ 3600 w/1222
PERFORATING RECORD Perf: 3280-3543 w/46
STIMULATION A/500
IP Completed as Water Injector
GOR GR
TP CP
CHOKE TUBING @
DST RECORD
REMARKS

COMPLETION RECORD
SPUD DATE 9-9-71 COMP DATE 5-10-72
TD 3600 PBTD 3565
CASING RECORD 8 5/8 @ 839 w/475
4 1/2 @ 3595 w/1200
PERFORATING RECORD Perf: 3185-3547 w/61
STIMULATION A/1500
IP Completed as Water Injector
GOR GR
TP CP
CHOKE TUBING @
DST RECORD
REMARKS

C.C. MICROGRAPHICS W.N.M.C.F.
P.O. DRAWER

✓ Water Damaged Documents
DOCUMENT NUMBER #6505
47-175-176-181-182-183-184-185-186
(con) 187-188-189-190
DATE 1-25-88
L. Blea

C
WEST

1

COMPANY	Texas Pacific (Reserve Oil Inc.)
WELL	Cooper No. 6 (CJU No. 111)
FIELD	Langlie Mattix
LOCATION	600 FSL & 330 FEL (P) Sec. 14, T-24-S, R-36-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS:	KB DF 3342 GL

2

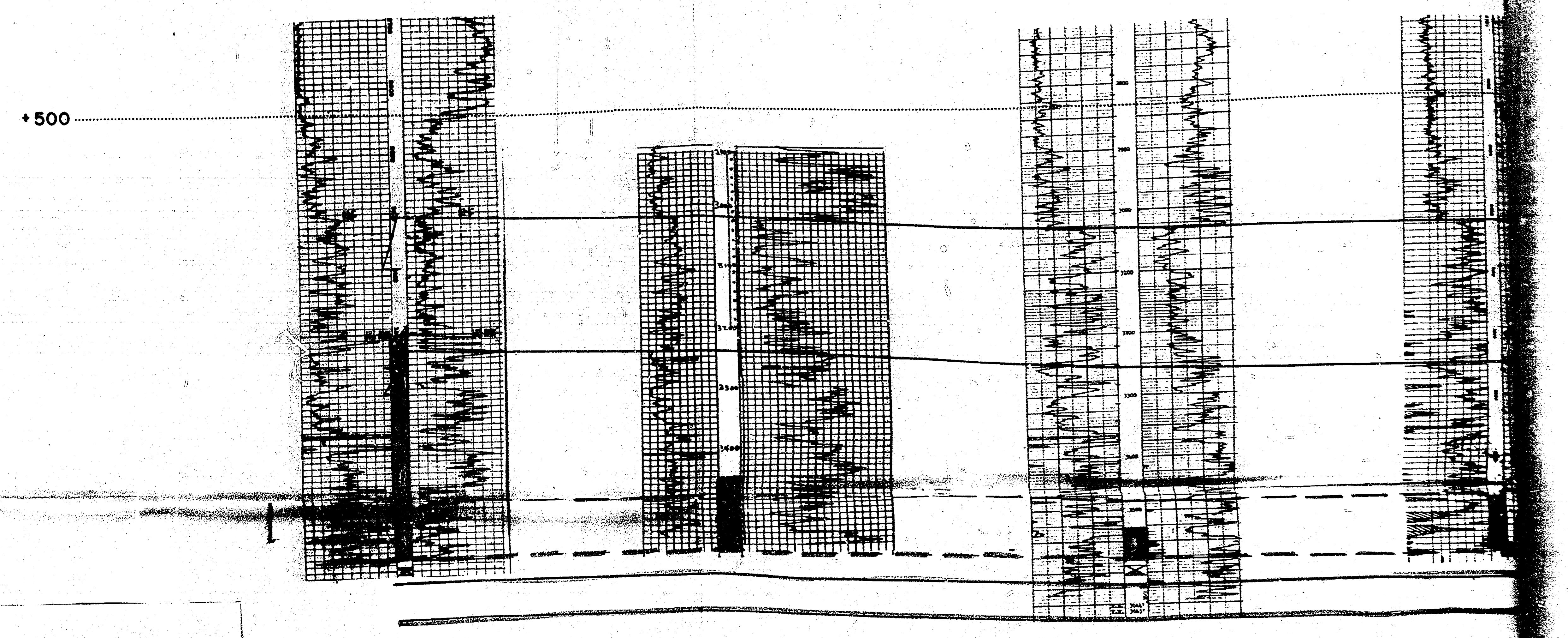
COMPANY	EXXON (Reserve Oil Inc.)
WELL	Hunter No.1 (CJU No. 152)
FIELD	Langlie Mattix
LOCATION	660 FNL & FWL (D) Sec. 24, T-24-S, R-36-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS:	KB DF 3343 GL

3

COMPANY	EXXON (Reserve Oil Inc.)
WELL	E. Hunter No. 5 (CJU No. 125)
FIELD	Langlie Mattix
LOCATION	1650 FNL & 2310 FWL (F) Sec. 24, T-24-S, R-36-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS:	KB DF 3333 GL

4

COMPANY	Reserve Oil Inc.
WELL	Phillips No. 3 (CJU No. 132)
FIELD	Langlie Mattix
LOCATION	2310 FSL & 990 F Sec. 24, T-24-S,
COUNTY	Lea
STATE	New Mexico
ELEVATIONS:	



COMPLETION RECORD

SPUD DATE	1-17-50	COMP. DATE	2-28-50
TD	3595	PBTD	
CASING RECORD	9 5/8 @ 330 w/250 7 @ 3203 w/400		
PERFORATING RECORD	OH: 3203 - 3595 PKR @ 3470		
STIMULATION	Natural		
IP F	56 BOPD		
GOR		GR	32.5
TP	30	CP	
CHOKE		TUBING	2 3/8 @ 3591
DST RECORD	DST 3000 - 3010: GTS 3" @ 3000 MCFPD DST 3255 - 3298: GTS 2" @ 500 MCFPD R 180' M DST 3470 - 3595: GTS 7" @ 200 MCFPD R 300' G & OCM		
REMARKS	Avg. 1960 Prod: 6 BOPD 19 MCFPD		

COMPLETION RECORD

SPUD DATE	11-12-35	COMP. DATE	1-13-36
TD	3757	PBTD	3536
CASING RECORD	12 1/2 @ 266 w/200 9 5/8 @ 1368 w/550 7 @ 3551 w/150		
PERFORATING RECORD	Perf: 2900 - 3200		
STIMULATION			
IP F	2000 MCFGPD		
GOR		GR	
TP		CP	
CHOKE	3/4"	TUBING	@
DST RECORD	Originally a Jalmat Gas Well. Re-completed 12-9-77 as CJU Langlie Mattix Oil Producer from Perfs 3450-3546 for 8 BOPD. GOR 1882. (Upper Perfs packed off)		
REMARKS			

COMPLETION RECORD

SPUD DATE	8-6-54	COMP. DATE	9-5-54
TD	3653	PBTD	3584
CASING RECORD	8 5/8 @ 1184 w/375 5 1/2 @ 3653 w/680		
PERFORATING RECORD	Perf 3530-42 w/48		
STIMULATION	A/500 SF/6000		
IP	IPF = 500 BOPD		
GOR	1607	GR	34.5
TP	155	CP	425
CHOKE	1/2	TUBING	2 3/8 @ 3544
DST RECORD	9-1-54. Perf 3617-3622 w/20 holes. A/500. SF/3000. Swbd 8 3/4 BO plus 20% wtr in 4 hrs. Set BP @ 3584.		
REMARKS	Avg. 1960 Prod: 4 BOPD 16 MCFPD		

COMPLETION

SPUD DATE	4-9-54	COMP	
TD	3555	PBTD	
CASING RECORD	8 5/8 @ 280 w/1 5 1/2 @ 3475 w/		
PERFORATING RECORD	OH: 3475-35		
STIMULATION	SF/4000		
IP	IPF = 173 BOPD		
GOR		GR	
TP		CP	
CHOKE		TUBING	
DST RECORD			
REMARKS	Avg. 1960 Prod: 3 12		

C.I. MICROGRAPHICS W.N.M.C.F.
P.O. DRAWER 850
GRANTS, NEW MEXICO 87020

DOCUMENT [illegible] SHEET

The document listed below has been withdrawn for the purpose as follow:

____ No acknowledgement

✓ Other Water Damaged Documents

DOCUMENT NUMBER #6505
REEL NUMBER 47-175-176-181-182-183-184-185-186
FRAME NUMBER (con) 187-188-189-190-191
DATE 1-25-88
SIGNED OUT BY L. Blea

DOYLE HARTMAN

WEST-EAST CROSS SECTION C-C'

(SEC.14, T24S-R36E TO SEC.17, T24S-R37E)

SHOWING

LANGLIE MATTIX INTERVALS

VERT. SCALE: 1"=100'
HOR. SCALE: NONE

D. HARTMAN
R. STUMP

LEGEND

▬▬▬	COMMITTEE TOP QUEEN
━ ━	COMMITTEE TOP LANGLIE MATTIX INTERVAL (100' ABOVE TOP QUEEN)
───	COMMONLY USED TOP QUEEN
— — —	REQUESTED EXCEPTION TOP LANGLIE MATTIX (200' ABOVE COMMITTEE TOP QUEEN)
■	LANGLIE MATTIX PRODUCTION ABOVE COMMITTEE LANGLIE MATTIX INTERVAL

Exhibit 5
Case 6505

2

XXON
Reserve Oil Inc.)
unter No.1
CJU No. 152)
anglie Mattix
60 FNL & FWL (D)
ec. 24, T-24-S, R-36-E

ea
ew Mexico
KB
DF 3343
GL

3

COMPANY EXXON
(Reserve Oil Inc.)
WELL E. Hunter No. 5
(CJU No. 125)
FIELD Langlie Mattix
LOCATION 1650 FNL & 2310 FWL (F)
Sec. 24, T-24-S, R-36-E

COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3333
GL

4

COMPANY Reserve Oil Inc.
WELL Phillips No. 3
(CJU No. 132)
FIELD Langlie Mattix
LOCATION 2310 FSL & 990 FEL (I)
Sec. 24, T-24-S, R-36-E

COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3315
DF
GL

5

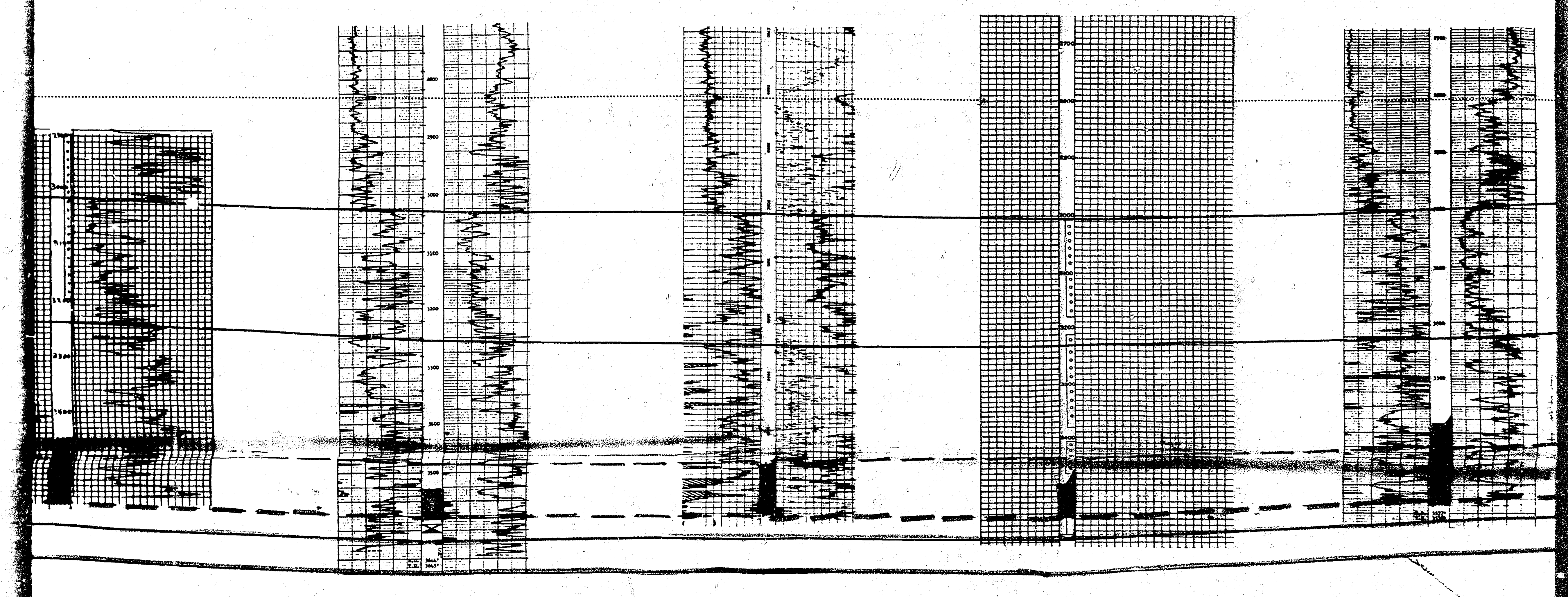
COMPANY Conoco
(Reserve Oil Inc.)
WELL Jack "B-19" No. 1
(CJU No. 147 & No. 207)
FIELD Langlie Mattix & Jalmat
LOCATION 2310 FNL & 330 FWL (E)
Sec. 19, T-24-S, R-37-E

COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3299
GL

6

COMPANY Conoco
(Reserve Oil Inc.)
WELL Jack Fed. No. 7
(CJU No. 129)
FIELD Langlie Mattix
LOCATION 1650 FNL & 1587 FWL (F)
Sec. 19, T-24-S, R-37-E

COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3306
GL



COMPLETION RECORD

1-12-35 COMP. DATE 1-13-36
757 PBTD 3536
2 1/2 @ 266 w/200
9 5/8 @ 1368 w/550
7 @ 3551 w/150
Perf: 2900 - 3200

000 MCFGPD
GR
CP
/4" TUBING @
riginally a Jalmat Gas Well. Re-
ompleted 12-9-77 as CJU Langlie
attix Oil Producer from Perfs
450-3546 for 8 BOPD. GOR 1882.
Upper Perfs packed off)

COMPLETION RECORD

SPUD DATE 8-6-54 COMP. DATE 9-5-54
TD 3653 PBTD 3584
CASING RECORD 8 5/8 @ 1184 w/375
5 1/2 @ 3653 w/680
PERFORATING RECORD Perf 3530-42 w/48
STIMULATION A/500
SF/6000
IP IPF = 500 BOPD
GOR 1607 GR 34.5
TP 155 CP 425
CHOKE 1/2 TUBING 2 3/8 @ 3544
DST RECORD
9-1-54 Perf 3617-3622 w/20 holes.
A/500. SF/3000. Swbd 8 3/4 BO plus
20% wtr in 4 hrs. Set BP @ 3584.
REMARKS Avg. 1960 Prod: 4 BOPD
16 MCFPD

COMPLETION RECORD

SPUD DATE 4-9-54 COMP. DATE 5-12-54
TD 3555 PBTD 3555
CASING RECORD 8 5/8 @ 280 w/150
5 1/2 @ 3475 w/400
PERFORATING RECORD OH: 3475-3555
STIMULATION SF/4000
IP IPF = 173 BOPD
GOR GR 35.0
TP CP
CHOKE TUBING 2 3/8 @ 3535
DST RECORD
REMARKS Avg. 1960 Prod: 3 BOPD
12 MCFPD

COMPLETION RECORD

SPUD DATE 3-28-50 COMP. DATE 4-18-50
TD 3167 PBTD
CASING RECORD 9 5/8 @ 267 w/75
7 @ 2975 w/450
4 1/2L@ 2916-3485 w/280
PERFORATING RECORD OH: 2975-3167
STIMULATION Natural
IPF 56 BOPD
GOR GR 37
TP CP 250
CHOKE 3/4 TUBING 2 3/8 @ 3163
DST RECORD
Deepened 10-8-71 and completed as a
Jalmat & Langlie Mattix Water Injec-
tion Well from Perfs 3006-3468 and
OH: 3485-3576.
REMARKS

COMPLETION RECORD

SPUD DATE 8-27-54 COMP. DATE 9-11-54
TD 3535 PBTD 3535
CASING RECORD 8 5/8 @ 330 w/175
5 1/2 @ 3386 w/300
PERFORATING RECORD OH: 3386-3535
STIMULATION SF/8000
IP IPF = 120 BOPD + 500 MCFPD
GOR GR 37.0
TP 200 CP 400
CHOKE 20/64 TUBING 2 3/8 @ 3465
DST RECORD
REMARKS Avg. 1960 Prod: 7 BOPD
283 MCFPD

LEGEND

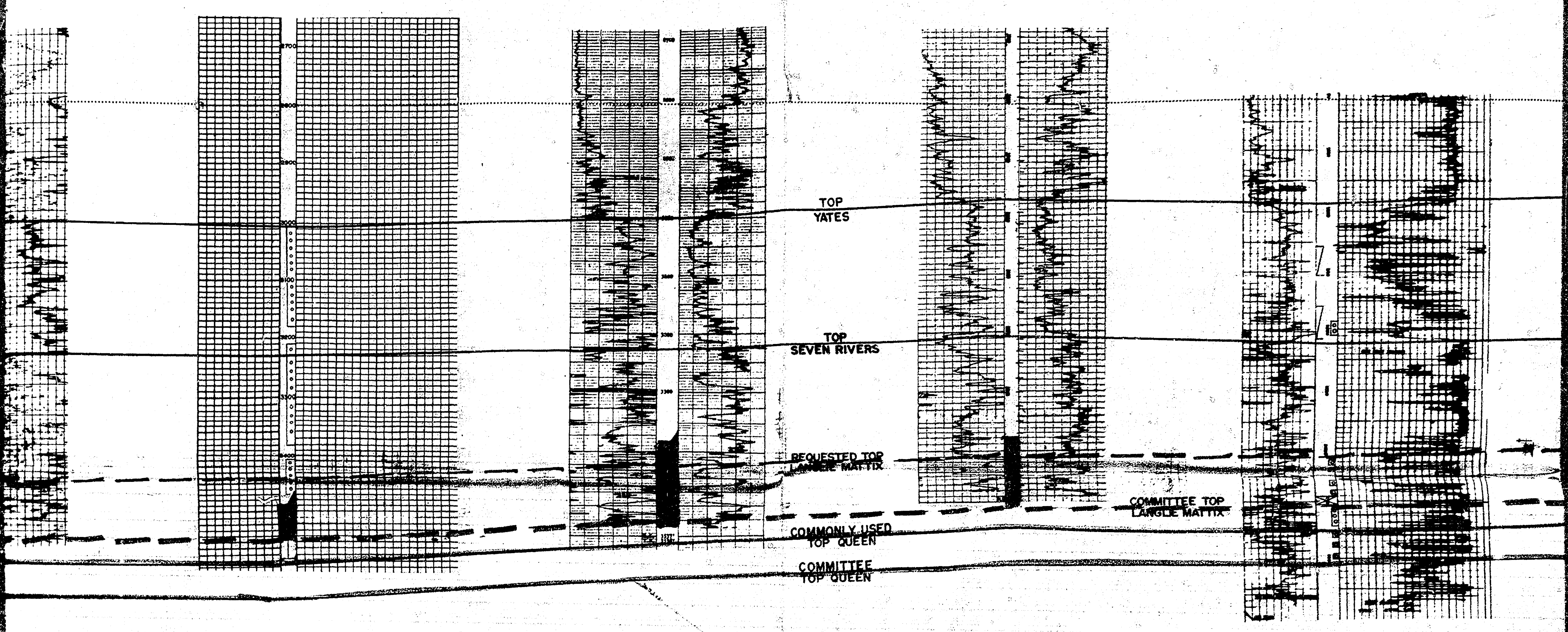
- COMMITTEE TOP QUEEN
- COMMITTEE TOP LANGLIE MATTIX INTERVAL (100' ABOVE TOP QUEEN)
- COMMONLY USED TOP QUEEN
- REQUESTED EXCEPTION TOP LANGLIE MATTIX (200' ABOVE COMMITTEE TOP QUEEN)
- ▇ LANGLIE MATTIX PRODUCTION ABOVE COMMITTEE LANGLIE MATTIX INTERVAL

C.I. MICROGRAPHICS W.N.M.C.F.
P.O. DRAWER [illegible]
[illegible], NEW MEXICO [illegible]

✓ [illegible] Water Damaged Documents
[illegible] #6505
[illegible] 47-175-176-181-182-183-184-185-186
[illegible] (con) 187-188-189-190-191-192
[illegible] 1-25-88
[illegible] L. Blea

W.N.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

		△ 5	● 6	△ 7	⌖ 8
COMPANY		Conoco	Conoco	Conoco	El Paso Natural Gas
		(Reserve Oil Inc.)	(Reserve Oil Inc.)	(Reserve Oil Inc.)	
WELL		Jack "B-19" No. 1	Jack Fed. No. 7	Jack Fed. No. 8	Thomas No. 1
		(CJU No. 147 & No. 207)	(CJU No. 129)	(CJU No. 124 - WI)	
FIELD		Langlie Mattix & Jalmat	Langlie Mattix	Langlie Mattix	Jalmat - Langlie Mattix
LOCATION	(I)	2310 FNL & 330 FWL (E)	1650 FNL & 1587 FWL (F)	660 FNL & 1917 FWL (C)	600 FNL & 2173 FEL (B)
	36-E	Sec. 19, T-24-S, R-37-E	Sec. 19, T-24-S, R-37-E	Sec. 19, T-24-S, R-37-E	Sec. 19, T-24-S, R-37-E
COUNTY		Lea	Lea	Lea	Lea
STATE		New Mexico	New Mexico	New Mexico	New Mexico
ELEVATIONS: KB					
DF	315	3299	3306	3309	3311
GL					



COMPLETION RECORD

		5	6	7	8
SPUD DATE		3-28-50	8-27-54	2-22-56	6-19-59
COMP. DATE	5-12-54	4-18-50	9-11-54	3-9-56	11-2-59
TD		3167	3535	3530	3676
PBTD	3555		3535		3649
CASING RECORD		9 5/8 @ 267 w/75 7 @ 2975 w/450 4 1/2L@ 2916-3485 w/280	8 5/8 @ 330 w/175 5 1/2 @ 3386 w/300	9 5/8 @ 308 w/175 5 1/2 @ 3530 w/400	8 5/8 @ 1205 w/675 5 1/2 @ 3676 W/300
PERFORATING RECORD		OH: 2975-3167	OH: 3386-3535	Perf 3380-3482 w/244	Perf: 3509-3600 w/124 Perf: 3186-3484 w/180
STIMULATION		Natural	SF/8000	SF/19,600 + 28,000	3509-3600: SF/20,000 + 20,000 3186-3484: SF/30,000 + 30,000
IP		IPF 56 BOPD	IPF = 120 BOPD + 500 MCFPD	IPF = 54 BOPD + 2800 MCFPD	IPF=5 BOPD + 746 MCFPD (3186-3484)
GOR					149,200/1
GR	.0	37	37.0		32.4
TP			200	180	50
CP		250	400	280	175
CHOKE		3/4	20/64	3/4	64/64
TUBING	3/8 @ 3535	2 3/8 @ 3163	2 3/8 @ 3465	2 3/8 @ 3450	@
DST RECORD		Deepened 10-8-71 and completed as a Jalmat & Langlie Mattix Water Injection Well from Perfs 3006-3468 and OH: 3485-3576.		Avg. 1960 Prod: 5 BOPD 283 MCFPD Well converted to water injection well in CJU waterflood.	DST 3056-3110 Op 0:45. GTS 2 min @ 1052 MCFPD. FP = 240-240. Rec 210' GCM. 30 min FSIP = 565 psi. DST 3170-3225 Op 0:45. GTS 2 min @ 366 MCFPD. FP = 75-100. Rec 280' G&WCM. 30 min FSIP = 935 psi.
REMARKS	OPD CFPD		Avg. 1960 Prod: 7 BOPD 283 MCFPD		Queen interval tested 2 BOPD + 1 BWPD. Well plugged due to high GOR.

C.I. MICROGRAPHICS W.N.M.C.F.
P.O. DRAWER 25
GRANTS, NEW MEXICO 87020

✓ Water Damaged Documents
DOCUMENT NUMBER #6505
REEL NUMBER 47-175-176-181-182-183-184-185-186
(con) 187-188-189-190-191-192
DATE 1-25-88
L. Blea (con) 193

W.N.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

7

COMPANY Conoco
(Reserve Oil Inc.)
WELL Jack Fed. No. 8
(CJU No. 124 - WI)
FIELD Langlie Mattix
LOCATION 660 FNL & 1917 FWL (C)
Sec. 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3309
GL

8

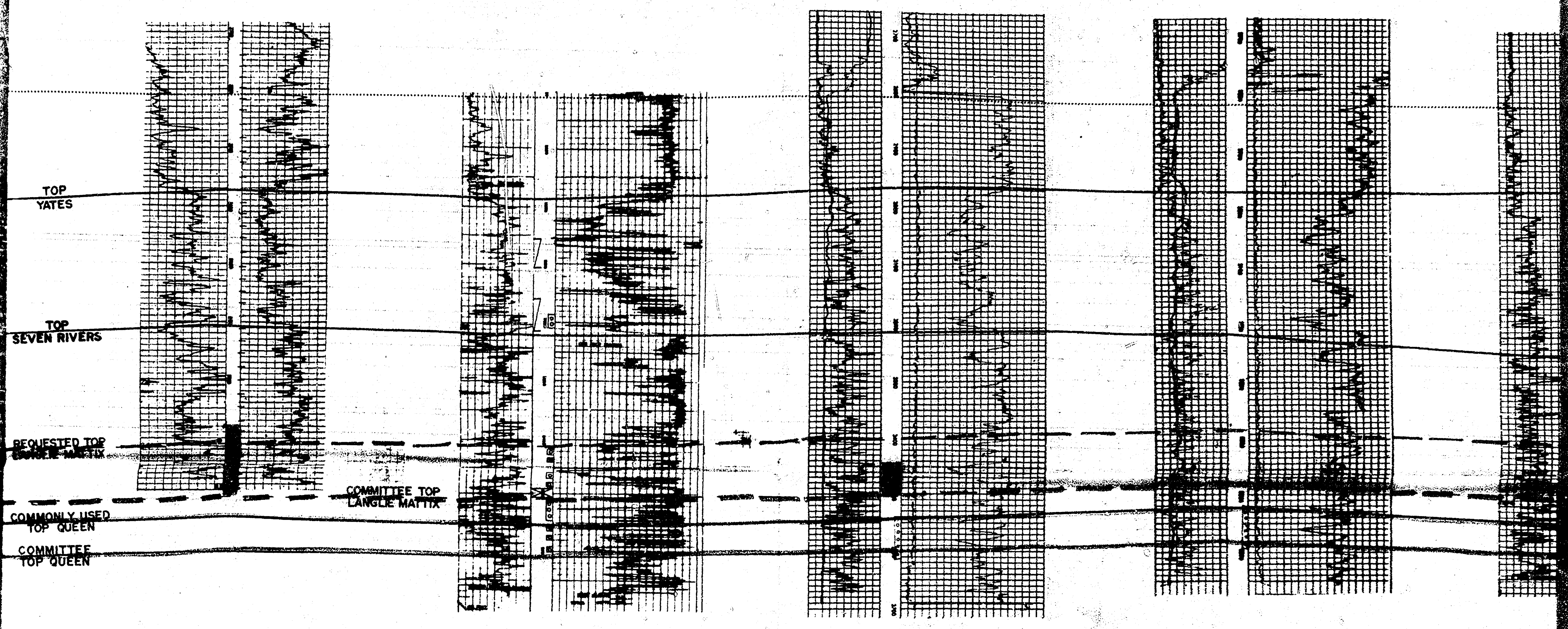
COMPANY El Paso Natural Gas
WELL Thomas No. 1
FIELD Jalmat - Langlie Mattix
LOCATION 600 FNL & 2173 FEL (B)
Sec. 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3311
GL

9

COMPANY Doyle Hartman
WELL Cities - Thomas No. 1
FIELD Langlie Mattix
LOCATION 990 FNL & 1650 FEL (B)
Sec. 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3311
DF
GL

10

COMPANY Doyle Hartman
WELL Cities - Thomas No. 2
FIELD Langlie Mattix
LOCATION 480 FNL & 660 FEL (A)
Sec. 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3302
DF
GL



COMPLETION RECORD

SPUD DATE 2-22-56 COMP. DATE 3-9-56
TD 3530 PBTD
CASING RECORD 9 5/8 @ 308 w/175
5 1/2 @ 3530 w/400
PERFORATING RECORD Perf 3380-3482 w/244
STIMULATION SF/19,600 + 28,000
IP IPF = 54 BOPD + 2800 MCFPD
GOR GR
TP 180 CP 280
CHOKE 3/4 TUBING 2 3/8 @ 3450
DST RECORD
Avg. 1960 Prod: 5 BOPD
283 MCFPD
Well converted to water injection
well in CJU waterflood.
REMARKS

COMPLETION RECORD

SPUD DATE 6-19-59 COMP. DATE 11-2-59
TD 3676 PBTD 3649
CASING RECORD 8 5/8 @ 1205 w/675
5 1/2 @ 3675 W/300
PERFORATING RECORD Perf: 3509-3600 w/124
Perf: 3186-3484 w/180
STIMULATION 3509-3600: SF/20,000 + 20,000
3186-3484: SF/30,000 + 30,000
IP IPF=5 BOPD + 746 MCFPD (3186-3484)
GOR 149,200/1 GR 32.4
TP 50 CP 175
CHOKE 64/64 TUBING @
DST RECORD DST 3056-3110 Op 0:45.
GTS 2 min @ 1052 MCFPD. FP = 240-240.
Rec 210' GCM. 30 min FSIP = 565 psi.
DST 3170-3225 Op 0:45.
GTS 2 min @ 366 MCFPD. FP = 75-100.
Rec 280' G&WCM. 30 min FSIP = 935 psi.
REMARKS Queen interval tested 2 BOPD + 1 BWPD.
Well plugged due to high GOR.

COMPLETION RECORD

SPUD DATE 1-18-77 COMP. DATE 2-5-77
TD 3696 PBTD 3626
CASING RECORD 8 5/8 @ 417 w/260
4 1/2 @ 3696 w/1450
PERFORATING RECORD Perf: 3446-3614 w/17
STIMULATION A/4000
SWF/40,000 + 55,000
IP IPF = 12 BOPD
GOR 37,500 GR
TP 120 CP 200
CHOKE 24/64 TUBING @
DST RECORD
REMARKS

COMPLETION RECORD

SPUD DATE 4-21-77 COMP. DATE 5-26-77
TD 3710 PBTD 3681
CASING RECORD 8 5/8 @ 426 w/230
4 1/2 @ 3709 w/1850
PERFORATING RECORD Perf: 3521-3593 w/8
STIMULATION A/2500
SWF/30,000 + 38,000
IP IPP = 33 BOPD + 160 BWPD
GOR GR
TP CP
CHOKE TUBING @
DST RECORD
REMARKS

C.I. MICROGRAPHICS W.N.M.C.F.
P.O. DRAWER 250
GRANTS, NEW MEXICO 87020

[illegible]

✓ Water Damaged Documents
DOCUMENT NUMBER #6505
REEL NUMBER 47-175-176-181-182-183-184-185-186
(con) 187-188-189-190-191-192
DATE 1-25-88 (con) 193-194
L. Blea

W.N.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

C'
EAST

9

COMPANY Doyle Hartman
WELL Cities - Thomas No. 1
FIELD Langlie Mattix
LOCATION 990 FNL & 1650 FEL (B)
Sec. 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3311
DF
GL

10

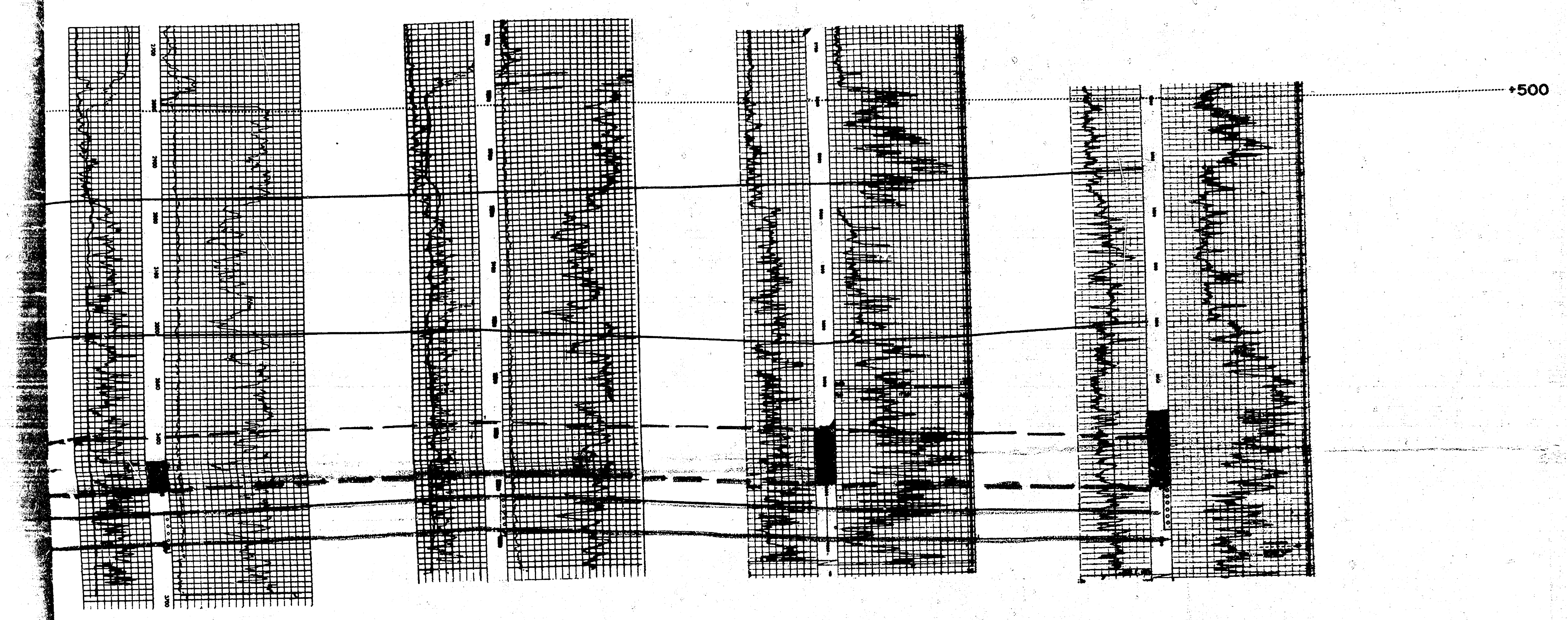
COMPANY Doyle Hartman
WELL Cities - Thomas No. 2
FIELD Langlie Mattix
LOCATION 480 FNL & 660 FEL (A)
Sec. 19, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB 3302
DF
GL

11

COMPANY King, Warren, and Dye
(Conoco)
WELL Harrison No. 3
(Langlie Jack Unit No. 6-WI)
FIELD Langlie Mattix
LOCATION 660 FNL & 660 FWL (D)
Sec. 20, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3298
GL

12

COMPANY John Hendrix
WELL Thomas "A" No. 1
FIELD Langlie Mattix
LOCATION 600 FSL & 1980 FWL (N)
Sec. 17, T-24-S, R-37-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF 3297
GL



COMPLETION RECORD

SPUD DATE 1-18-77 COMP. DATE 2-5-77
TD 3696 PBTD 3626
CASING RECORD 8 5/8 @ 417 w/260
4 1/2 @ 3696 w/1450
PERFORATING RECORD Perf: 3446-3614 w/17
STIMULATION A/4000
SWF/40,000 + 55,000
IP IPF = 12 BOPD
GOR 37,500 GR
TP 120 CP 200
CHOKE 24/64 TUBING @
DST RECORD
REMARKS

COMPLETION RECORD

SPUD DATE 4-21-77 COMP. DATE 5-26-77
TD 3710 PBTD 3681
CASING RECORD 8 5/8 @ 426 w/230
4 1/2 @ 3709 w/1850
PERFORATING RECORD Perf: 3521-3593 w/8
STIMULATION A/2500
SWF/30,000 + 38,000
IP IPP = 33 BOPD + 160 BWPD
GOR GR
TP CP
CHOKE TUBING @
DST RECORD
REMARKS

COMPLETION RECORD

SPUD DATE 6-11-47 COMP. DATE 8-7-47
TD 3611 PBTD 3611
CASING RECORD 11 3/4 @ 351 w/200
7 @ 3413 w/400
PERFORATING RECORD OH: 3413-3611
STIMULATION Shot 3506-3590 w/140 Qts.
IP IPF = 45 BOPD
GOR GR
TP CP
CHOKE TUBING 2 3/8 @ 3590
DST RECORD
10-20-68 Deepened well from
3611 to 3641. Converted well to
water injection 3413-3641.
Avg. 1960 Prod: 3 BOPD
8 MCFPD
REMARKS

COMPLETION RECORD

SPUD DATE 12-28-72 COMP. DATE 2-28-73
TD 3702 PBTD 3687
CASING RECORD 8 5/8 @ 398 w/175
5 1/2 @ 3699 w/190
PERFORATING RECORD Perf: 3364-3580 w/12
STIMULATION A/2700
SWF/40,000 + 80,000
IP IPF = 12 BOPD + 412 MCFPD
GOR 27,467/1 GR 34
TP CP 250
CHOKE 64/64 TUBING @
DST RECORD
REMARKS

C.I. MICROGRAPHICS W.N.M.C.F.
P.O. DRAWER 250
GRANTS, NEW MEXICO 87020

✓ OTHER Water Damaged Documents
DOCUMENT NUMBER #6505
REEL NUMBER 47-175-176-181-182-183-184-185-186
[illegible] (con) 187-188-189-190-191-192
DATE 1-25-88
[illegible] L. Blea (con) 193-194-195

W.N.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY