

Wells Located within NEMU boundaries
other than Injection wells.

QUAY VALLEY, INC

North Elmar Unit #1

FORMERLY CONTINENTAL FEDERAL LITTLEFIELD "DR" #1

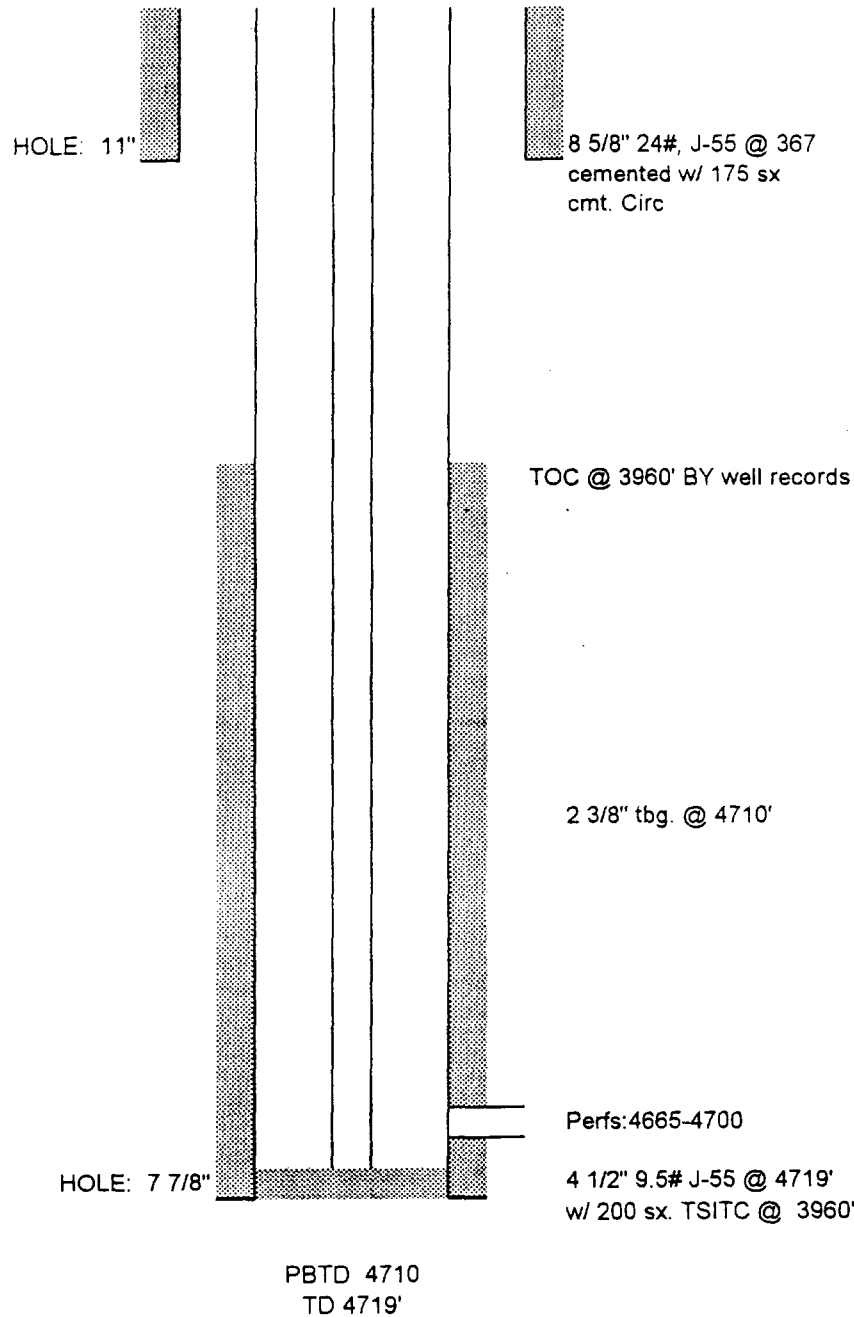
(NMOCD # , API# 30-025-082680)

330' FSL & 1650' FEL

Section 24, T-26-S, R-32-E

Lea County, New Mexico

SPUD DATE: 3/11/60 COMPLETION DATE: 3/31/60



QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #1

STATUS	(POW) Formerly: Federal Littlefield "DR" #1
County & State	Lea County, New Mexico
Spud Date:	03/11/60
Completion	03/31/60
Total Depth	4,719' (Plug back to 4,710')
Surface Casing	8 5/8" @ 367' 175 sx TOC: Surface Hole Size: 11"
Production Casing	4 1/2" @ 4,719' 200 sx TOC: 3,960' Hole Size: 7 7/8"
Tubing Size	4,710' OF 2 3/8"
Perforations	4,665'-4,700'
Packer Size & Type	
Bridge Plug, If one	

QUAY VALLEY, INC

North El Mar Unit #2

FORMERLY KERN COUNTY LAND GULF FEDERAL #1

(NMOCD # _____, API# 30-025-082690)

660' FSL & 600' FEL

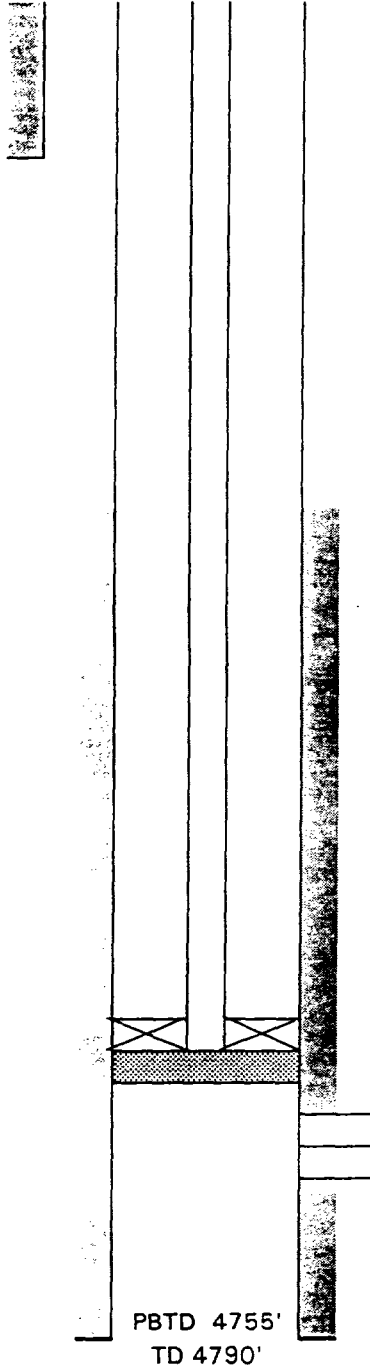
Section 24, T-26-S, R-32-E

Lea County, New Mexico

EL: 3149' DF: 3139'

SPUD DATE: 3/14/59 COMPLETION: 3/27/59

"0"-8' AGL



8 5/8" 24# casing @ 313'
cemented w/ 175 sx
cmt. Circ

TOC @ 3000 by WELL RECORDS

TBG. 145 JTS. 2 3/8 P.L.
TBG. @ 4454' (open ended)

BAKER RETENSION PACKER @ 4640
Elder 4 1/2" 9.5# CIBP (10,000*Rating) @ 4650'

Perfs: 4697'-4703', 4704'-08'
Perfs: 4721-4728

4 1/2" 9.5# CSG @ 4779'
w/ 250 sx.

PBD 4755'
TD 4790'

QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #2

STATUS	(WIW) Formerly: Gulf Federal #1
County & State	Lea County, New Mexico
Spud Date:	03/14/59
Completion	03/27/59
Total Depth	4,790'
Surface Casing	8 5/8" @ 313' 175 sx TOC: Surface Hole Size:
Production Casing	4 1/2" @ 4,779' 250 sx TOC: 3,000' Hole Size:
Tubing Size	2 3/8" @ 4,454'
Perforations	4,697'-4,703', 4,704'-08', 4,721'-28'
Packer Size & Type	Baker Retension @ 4,640'
Bridge Plug, If one	Elder 4 1/2", 9.5# CIBP @4,650'

QUAY VALLEY, INC

North Elmar Unit #3

FORMERLY ANTWEIL MORRIS R FEDERAL LITTLEFIELD DQ 1-X

(NMOCD # , API# 30-025-084200)

330' FSL & 330' FWL

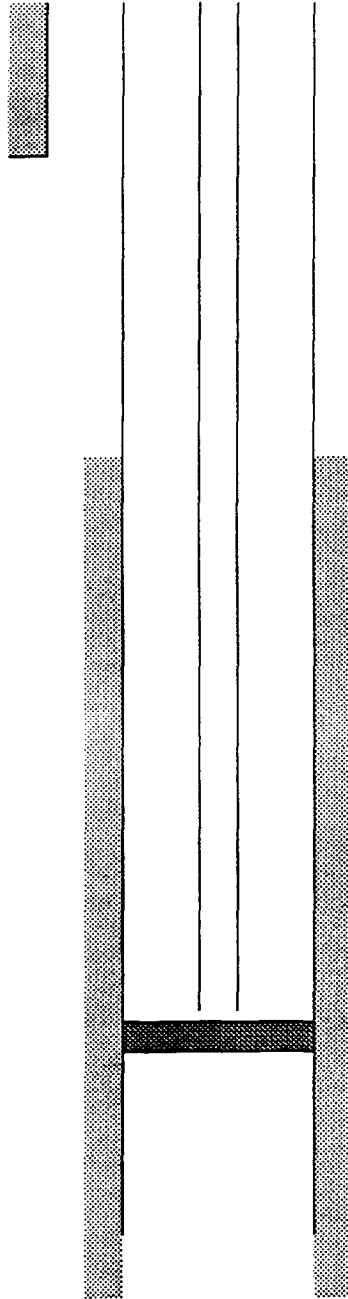
Section 19, T-26-S, R-33-E

Lea County, New Mexico

SPUD DATE: 6/30/61

COMPLETION DATE: 7/17/61

KB: 3153' GL: 3143'



8 5/8" 32# casing @ 377'
cemented w/ 225 sx
cmt. Circ

TOC @ ? by well record

149 jts 2 3/8" tubing & OPSMA
w/ SN @ 4645'

Elder CIBP @ 4650'

5 1/2" , 14#, 15.5#, & 17# @
4702' w/ 100 sx

OPEN HOLE @ 4702' - 10'

TD 4710'

QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #3

Status	(TA) Formerly: Federal Littlefield "DQ" 1-X
County & State	Lea County, New Mexico
Spud Date:	06/30/61
Completion	07/17/61
Total Depth	4,710'
Surface Casing	8 5/8" @ 377' 225 sx TOC: surface Hole Size:
Production Casing	5 1/2" @ 4,702' 100 sx TOC: Hole Size:
Tubing Size	149 jts of 2 3/8" @ 4,645'
Perforations	Open hole.
Packer Size & Type	
Bridge Plug, If one	Elder CIBP @ 4,650'

QUAY VALLEY, INC

North El Mar Unit #4

FORMERLY PENROSE PRODUCTION CO. BROWN FEDERAL #1

(NMOCD # _____, API# 30-025-084360)

990' FNL & 330' FWL

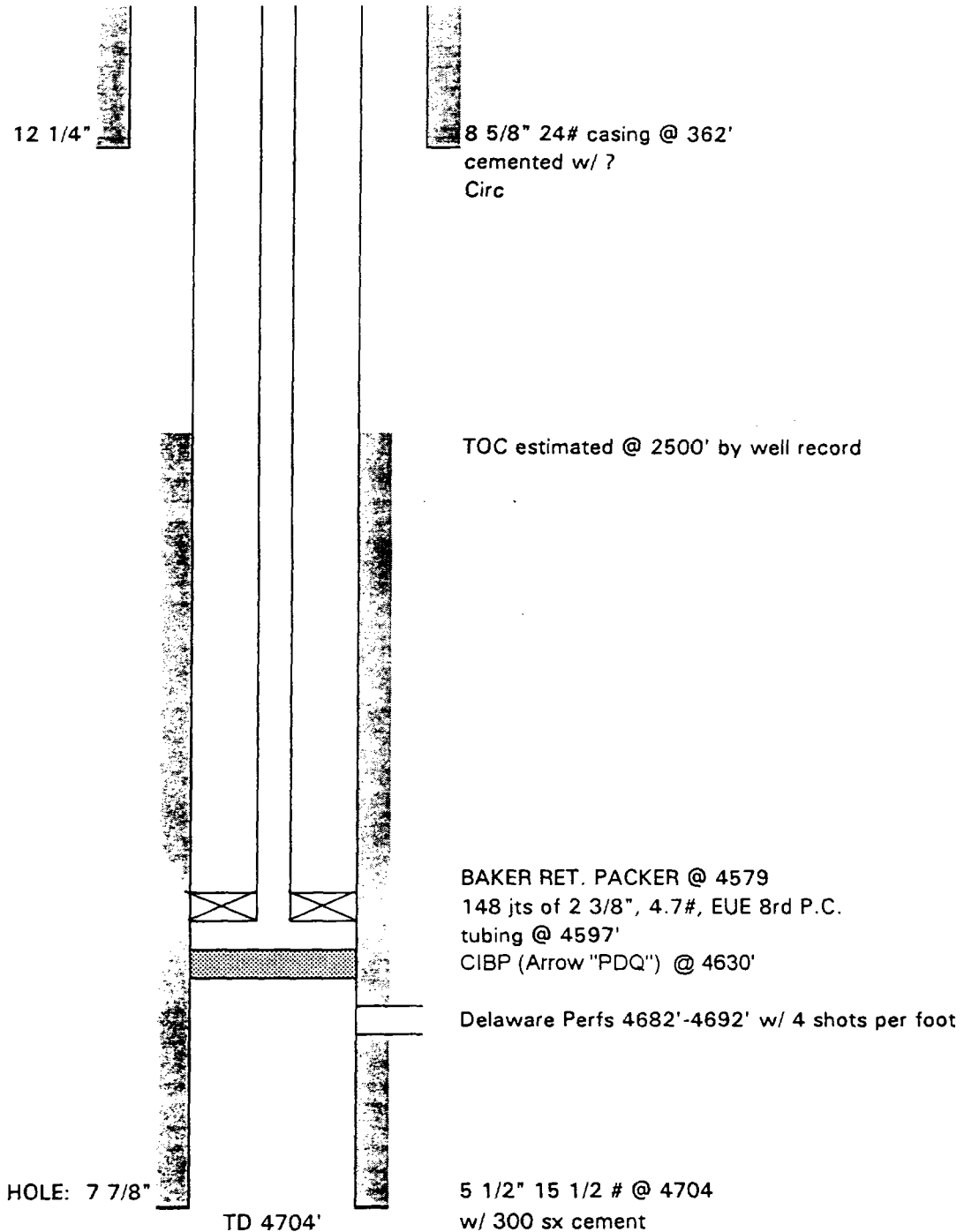
Section 30, T-26-S, R-33-E

Lea County, New Mexico

EL: 3145'

GL: 3137' KB: 3147'

SPUD DATE: 9/30/59 COMPLETION: 10/10/59



QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #4

Status	(WIWSI)	Formerly: Brown Federal #1
County & State	Lea County, New Mexico	
Spud Date:	09/30/59	
Completion	10/10/59	
Total Depth	4,704'	
Surface Casing	8 5/8" @ 362' _____sx	TOC: circ to surface Hole Size: 12 1/4"
Production Casing	5 1/2" @ 4,704' 300 sx	TOC: 2,500' Hole Size: 7 7/8"
Tubing Size	2 3/8" @ 4,597'	
Perforations	4,682'-92'	
Packer Size & Type	Baker retension @ 4,579'	
Bridge Plug, If one	Arrow "PDQ" CIBP @ 4,630'	

QUAY VALLEY, INC

North El Mar Unit #5

FORMERLY WORLDWIDE PETROLEUM MELISSA FEDERAL #1

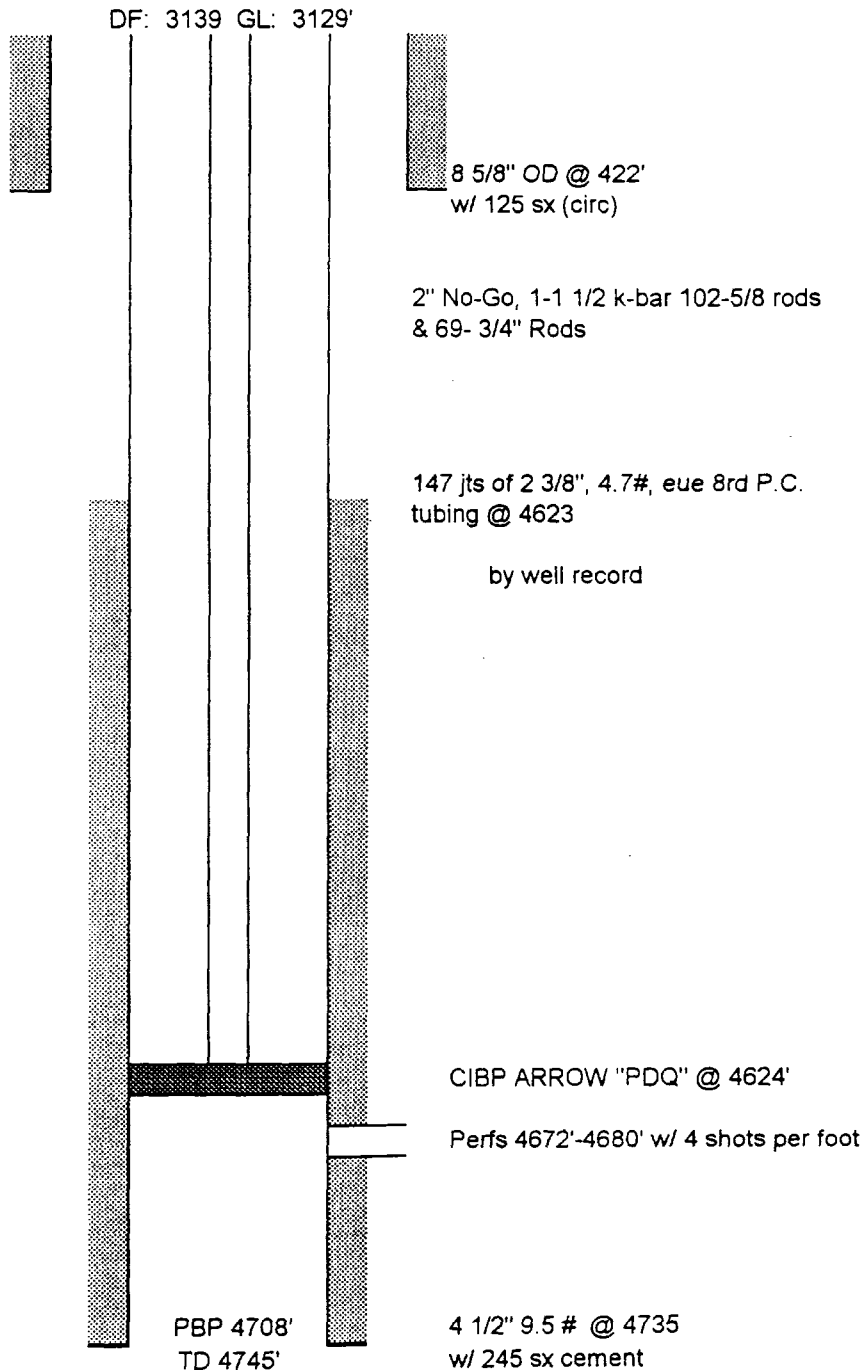
(NMOCD # ____, API# 30-025-082720)

660' FNL & 660' FEL

Section 25, T-26-S, R-32-E
Lea County, New Mexico

SPUD DATE: 7/20/59

COMPLETION DATE: 7/27/59



QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #5

Status	(TA)	Formerly: Melissa Federal #1
County & State	Lea County, New Mexico	
Spud Date:	07/20/59	
Completion	07/27/59	
Total Depth	4,745'	
Surface Casing	8 5/8" @ 422'	125 sx TOC: Surface Hole Size:
Production Casing	4 1/2" @ 4,735'	245 sx TOC: Hole Size:
Tubing Size	147 jts of 2 3/8" @ 4,623'	
Perforations	4,672'-80'	
Packer Size & Type		
Bridge Plug, If one	Arrow "PDQ" CIBP @ 4,624'	

QUAY VALLEY, INC

North El Mar Unit #7

FORMERLY CONTINENTAL OIL WILDER #15
(NMOCD # ____, API# 30-025-082860)

660' FNL & 1980' FWL

Section 25, T-26-S, R-32-E
Lea County, New Mexico

SPUD DATE: 11/29/59

COMPLETION DATE: 12/13/59

"0"-11' AGL

HOLE: 11" _____

7 5/8"-24#-H-40 @ 353
w/175 sx circ

TBG-2 3/8" EUE 8rd J-55, 150 JTS
w/ OPMA Set @ 4659' SN @ 4659'

TOC @ 2900 BY TS

Rods- 114 3/4, 68 5/8", 12' pump-
2 x 1 1/2 x 12

CIBP @ 4610' ELDER 4 1/2"

PERFS 4630-4644 W/4 JSPF

HOLE: 6 1/4" _____

PBD: 4668'
TD 4675

4 1/2" - 9.50# J-55 @ 4675
w/ 375sx

QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #7

Status	(TA)	Formerly: Wilder #15
County & State	Lea County, New Mexico	
Spud Date:	11/29/59	
Completion	12/13/59	
Total Depth	4,675'	
Surface Casing	7 5/8" @ 353' 175 sx Hole Size: 11"	TOC: Circ. to Surface
Production Casing	4 1/2" @ 4,675 375 sx Hole Size: 6 1/4"	TOC: 2,900'
Tubing Size	2 3/8" @ 4,659'	
Perforations	4,630'-44'	
Packer Size & Type		
Bridge Plug, If one	Elder 4 1/2" cement retension @ 4,610'	

QUAY VALLEY, INC

North El Mar Unit #9

FORMERLY CONTINENTAL OIL WILDER #26

(NMOCD # ____, API# 30-025-082980)

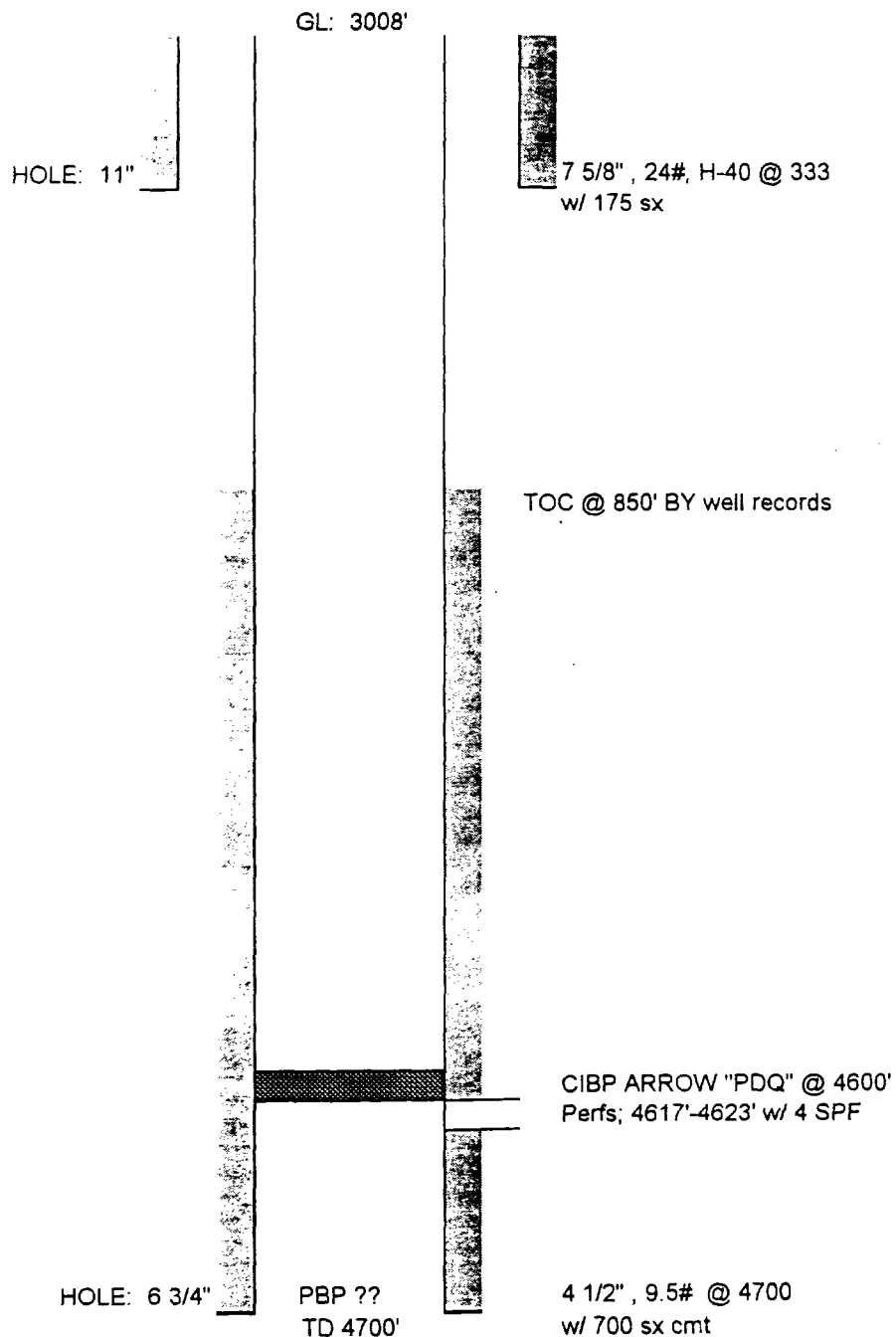
990' FNL & 660' FEL

Section 26, T-26-S, R-32-E

Lea County, New Mexico

SPUD DATE: 7/22/60

COMPLETION DATE: 8/13/60



QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #9

Status	(TA) Formerly: Wilder #26
County & State	Lea County, New Mexico
Spud Date:	07/22/60
Completion	08/13/60
Total Depth	4,700'
Surface Casing	7 5/8" @ 333' 175 sx TOC: Surface Hole Size: 11"
Production Casing	4 1/2" @ 4,700' 700 sx TOC: 850' Hole Size: 6 3/4"
Tubing Size	2 3/8" (nothing in wellbore)
Perforations	4,617'-23'
Packer Size & Type	
Bridge Plug, If one	Arrow "PDQ" CIBP @ 4,600'

QUAY VALLEY, INC

North El Mar Unit #10

FORMERLY CONTINENTAL OIL WILDER #27

(NMOCD # _____, API# 30-025-082990)

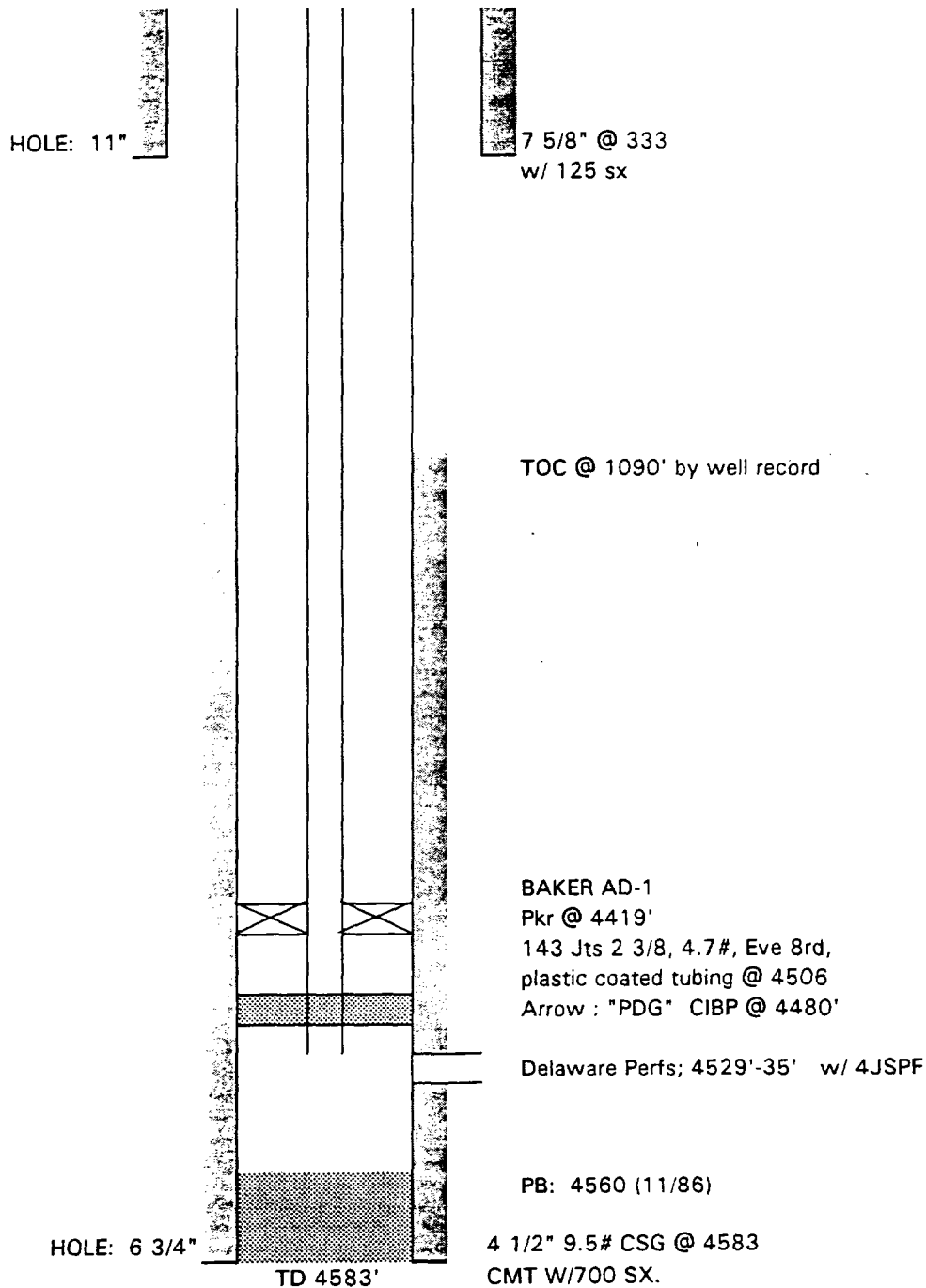
980' FNL & 1980' FEL

Section 26, T-26-S, R-32-E

Lea County, New Mexico

SPUD: 8/3/60 COMPLETION: 8/12/60

GL: 3097, KB: 3108



QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #10

Status	(WIWSI)	Formerly: Wilder #27
County & State	Lea County, New Mexico	
Spud Date:	08/03/60	
Completion	08/12/60	
Total Depth	4,583'	
Surface Casing	7 5/8" @ 333' 125 sx	TOC: Hole Size: 11"
Production Casing	4 1/2" @ 4,583' 700 sx	TOC: 1,090' Hole Size: 6 3/4"
Tubing Size	2 3/8" @ 4,506'	
Perforations	4,529'-35'	
Packer Size & Type	Baker AD-1 @4,419'	
Bridge Plug, If one	Arrow "PDQ" CIBP @ 4,480' Retension.	

QUAY VALLEY, INC

North El Mar Unit #11

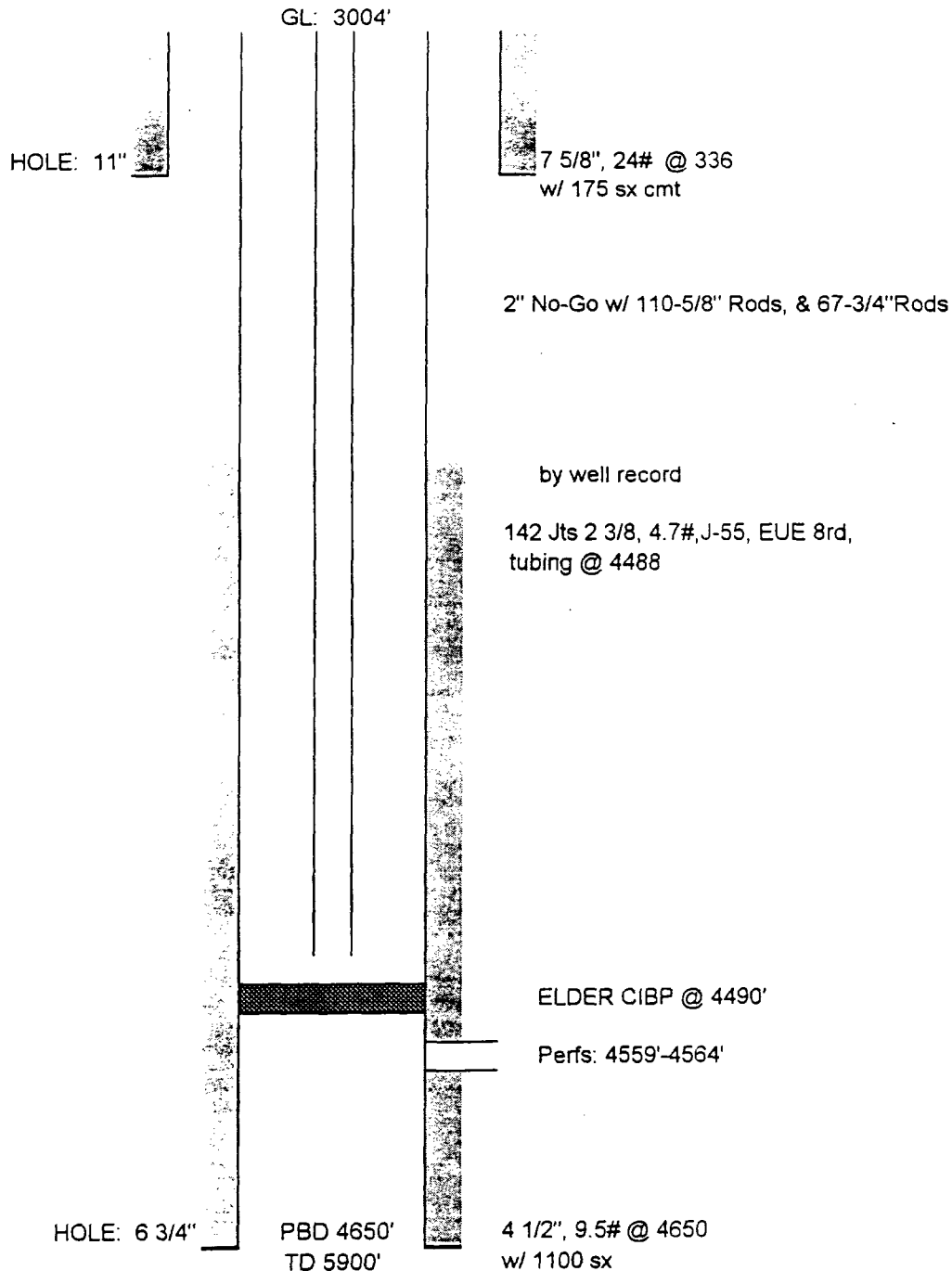
FORMERLY CONTINENTAL OIL WILDER #25
(NMOCD # ____, API# 30-025-082970)

1980' FNL & 1980' FEL

Section 26, T-26-S, R-32-E
Lea County, New Mexico

SPUD DATE: 6/24/60

COMPLETION DATE: 7/17/60



QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #11

Status	(TA) Formerly: Wilder #25
County & State	Lea County, New Mexico
Spud Date:	06/24/60
Completion	07/17/60
Total Depth	5,900' PBTD @ 4,650'
Surface Casing	7 5/8" @ 336' 175 sx TOC: Surface Hole Size: 11"
Production Casing	4 1/2" @ 4,650' 1,100 sx TOC: Hole Size: 6 3/4"
Tubing Size	2 3/8" @ 4,488'
Perforations	4,559'-64'
Packer Size & Type	
Bridge Plug, If one	Elder CIBP @ 4,490'

QUAY VALLEY, INC
North El Mar Unit #13
FORMERLY CONTINENTAL OIL WILDER #14
(NMOCD # ____, API# 30-025-082850)

1980' FNL & 660 FWL
Section 26, T-26-S, R-32-E
Lea County, New Mexico

SPUD DATE: 11/01/59

COMPLETION DATE: 11/16/59

HOLE: 11 5/8"

7 5/8", 24# @ 353
w/ 175 sx cmt

TOC @ 3810' BY well records

2 3/8 TUBING @ 4645

Perfs: 4613-4645

HOLE: 6 3/4"

PBD ?
TD 4654

4 1/2", 9.5# @ 4654
w/ 175 SX

QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #13

Status	(POW) Formerly: Wilder #14
County & State	Lea County, New Mexico
Spud Date:	11/01/59
Completion	11/16/59
Total Depth	4,654'
Surface Casing	7 5/8" @ 353' 175 sx TOC: Surface Hole Size: 11 5/8"
Production Casing	4 1/2" @ 4,654' 175 sx TOC: 3,810' Hole Size: 6 3/4"
Tubing Size	2 3/8" @ 4,645'
Perforations	4,613'-45'
Packer Size & Type	
Bridge Plug, If one	

QUAY VALLEY, INC

North El Mar Unit #15

FORMERLY CONTINENTAL OIL WILDER #8

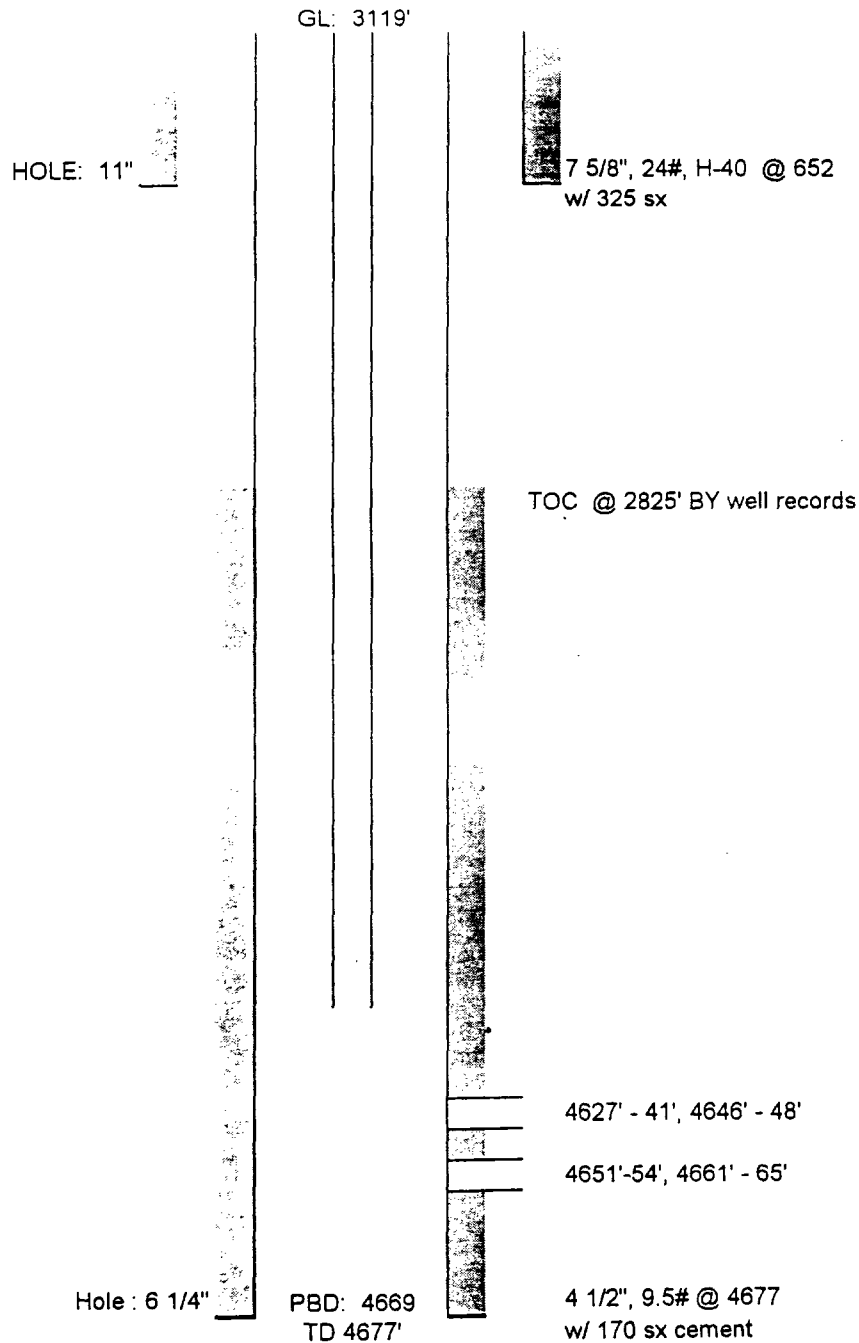
(NMOCD # ____, API# 30-025-082790)

1980' FNL & 1980' FEL

Section 25, T-26-S, R-32-E
Lea County, New Mexico

SPUD DATE: 7/23/59

COMPLETION DATE: 8/2/59



QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #15

Status	(POW)	Formerly: Wilder #8
County & State	Lea County, New Mexico	
Spud Date:	07/23/59	
Completion	08/02/59	
Total Depth	4,677' PBTD 4,669' +/-	
Surface Casing	7 5/8" @ 652' 325 sx	TOC: Surface Hole Size: 11"
Production Casing	4 1/2" @ 4,677' 170 sx	TOC: 2,825' Hole Size: 6 1/4"
Tubing Size	2 3/8"	
Perforations	4,627'-41', 4,646'-48', 4,651'-54', 4,661'-65'	
Packer Size & Type		
Bridge Plug, If one	Arrow "PDQ" CIBP @ 4,580' Cement plug top - 669' bottom - 861' 9/25/95 drilled hard cement from 665' to 860'. Drilled out CIBP.	

Quay Valley, INC

North El Mar Unit #17

FORMERLY CONTINENTAL OIL PAYNE #2

(NMOCD #?, API# 30-025-084300)

1880' FNL & 660' FWL

Spud Date: 9/7/59

Completion: 9/18/59

Section 30, Township 26 South, Range 33 East

Lea County, NM

GL: 3126' KB:????

HOLE: 11"

7 5/8" OD @ 326
w/ 175 sx (circ)

TOC @ 3450' BY WELL RECORD

4695'-4708' w/ 4 JSPF

HOLE: 6 1/4"

TD: 4742'

CIBP @ 4742'
4 1/2" 9.5# @ 4742
w/ 175 sx

QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #17

Status	(TA)	Formerly: Payne #2
County & State	Lea County, New Mexico	
Spud Date:	09/07/59	
Completion	09/18/59	
Total Depth	4,742'	
Surface Casing	7 5/8" @ 326' 175 sx	TOC: Surface Hole Size: 11"
Production Casing	4 1/2" @ 4,742' 175 sx	TOC: 3,450' Hole Size: 6 1/4"
Tubing Size	1/27/95 took out 2 3/8"	
Perforations	4,695'-4,708'	
Packer Size & Type		
Bridge Plug, If one	Arrow "PDQ" CIBP @ 4,672. Knocked down to 4,742'.	

Quay Valley

North El Mar Unit #18

FORMERLY CONTINENTAL OIL PAYNE #8

(NMOCD #?, API# 30-025-084340)

1880' FNL & 1650' FWL

Spud Date: 3/28/60 Completion: 4/9/60

Section 30, Township 26 South, Range 33 East

Lea County, NM

GL: 3137' KB:3147'

HOLE: 11"

7 5/8" CSG @ 326
CMT W/175 SX

TOC @ 1480 by well record

153 JTS 2 3/8" 4.7#
P.C. tbg @ 4575'

Arrow "PDQ" CIBP @ 4653'

4725-4732

HOLE: 6 3/4"

TD: 4830'

4 1/2" 9.5# @ 4838
w/ 950 sx cement

QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #18

Status	(WIWSI)	Formerly: Payne #8
County & State	Lea County, New Mexico	
Spud Date:	03/28/60	
Completion	04/09/60	
Total Depth	4,830'	
Surface Casing	7 5/8" @ 326' 175 sx	TOC: Surface Hole Size: 11"
Production Casing	4 1/2" @ 4,838' 950 sx	TOC: 1,480' Hole Size: 6 3/4"
Tubing Size	2 3/8" @ 4,575'	
Perforations	4,725'-32'	
Packer Size & Type		
Bridge Plug, If one	Arrow "PDQ" CIBP @ 4,653'	

Quay Valley, INC

North El Mar Unit #19

FORMERLY CONTINENTAL OIL PAYNE #4

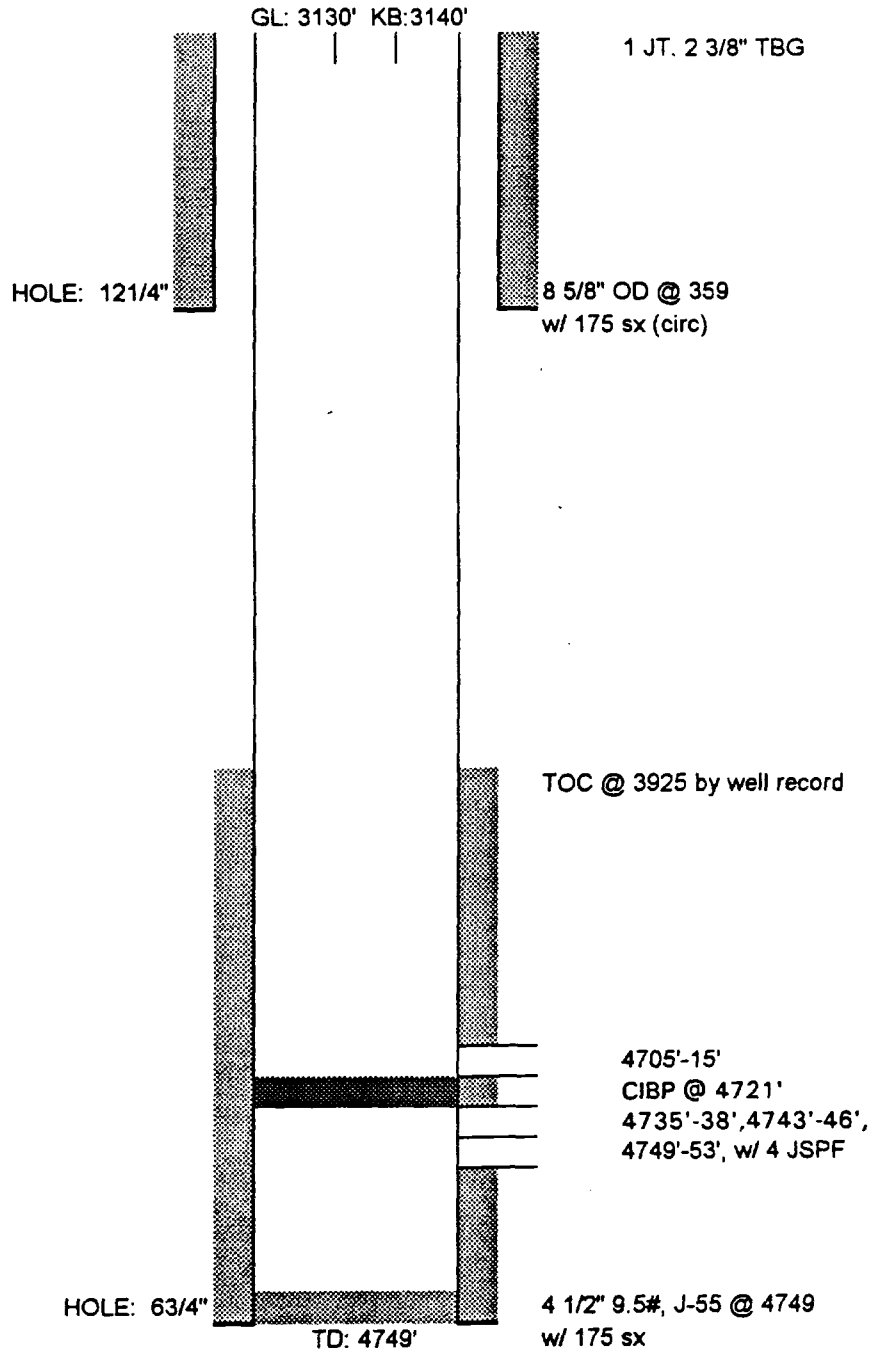
(NMOCD #7, API# 30-025-084320)

1980' FSL & 1980' FWL

Spud Date: 10/21/59 Completion: 10/31/59

Section 30, Township 26 South, Range 33 East

Lea County, NM



QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #19

Status	(TA)	Formerly: Payne #4
County & State	Lea County, New Mexico	
Spud Date:	10/21/59	
Completion	10/31/59	
Total Depth	4,749'	
Surface Casing	8 5/8" @ 359' 175 sx	TOC: Surface Hole Size: 12 1/4"
Production Casing	4 1/2" @ 4,749' 175 sx	TOC: 3,925' Hole Size: 6 3/4"
Tubing Size	2 3/8" @ 4,666'	
Perforations	4,705'-15', 35', 38', 43', 46', 49', 53'	
Packer Size & Type		
Bridge Plug, If one	Elder CIBP @ 4,667' Knocked down to 4,721"	

Quay Valley, INC

North El Mar Unit #21

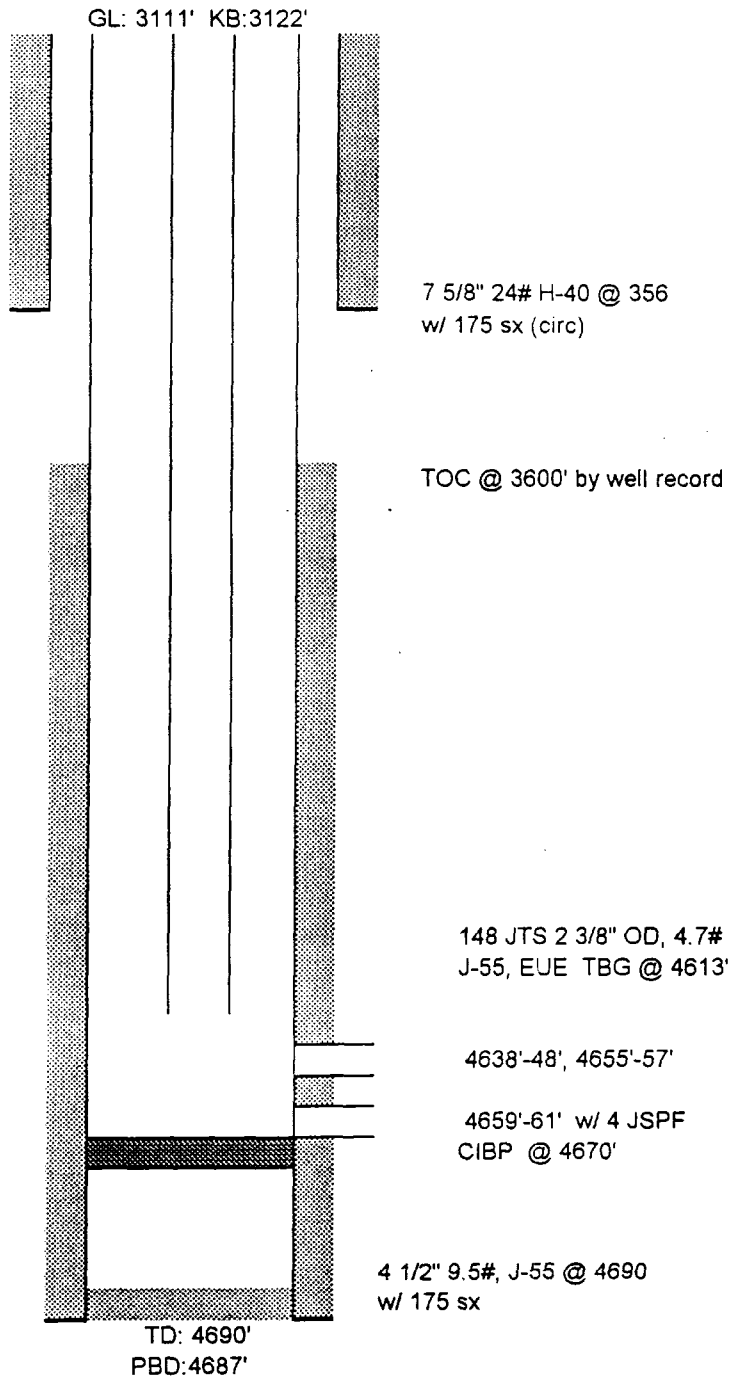
FORMERLY CONTINENTAL OIL WILDER #13

(NMOCD #7, API# 30-025-082840)

1980' FSL & 660' FEL

Spud Date: 10/11/59 Completion: 10/29/59

Section 25, Township 26 South, Range 32 East
Lea County, NM



QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #21

Status	(POW)	Formerly: Wilder #13
County & State	Lea County, New Mexico	
Spud Date:	10/11/59	
Completion	10/29/59	
Total Depth	4,690' PBTD @ 4,687'	
Surface Casing	7 5/8" @ 356' 175 sx	TOC: Surface Hole Size:
Production Casing	4 1/2" @ 4,690' 175 sx	TOC: 3,600' Hole Size:
Tubing Size	2 3/8" @ 4,613'	
Perforations	4,638'-48', 4,655'-57', 4659'-61'	
Packer Size & Type	????	
Bridge Plug, If one	Arrow "PDQ" CIBP @ 4,615' (10/95 drilled out BP & put back on production. Pushed to 4,670'.)	

Quay Valley, INC

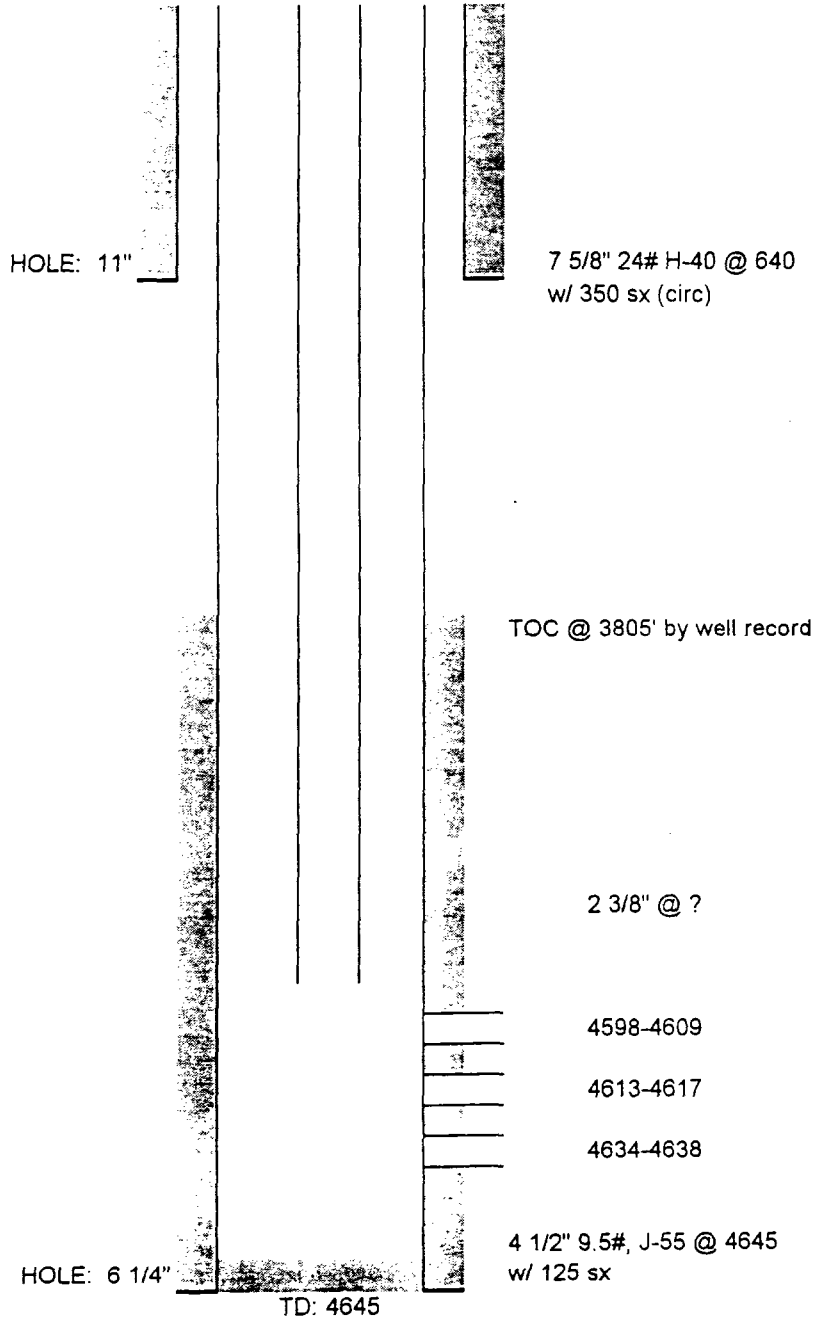
North El Mar Unit #23

FORMERLY CONTINENTAL OIL WILDER #4

(NMOCD #?, API# 30-025-082760)

1980' FSL & 1980' FWL
Section 25, Township 26 South, Range 32 East
Lea County, NM

Spud Date: 6/19/59 Completion: 6/30/59



QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #23

Status	(POW)	Formerly: Wilder #4
County & State	Lea County, New Mexico	
Spud Date:	06/19/59	
Completion	06/30/59	
Total Depth	4,645'	
Surface Casing	7 5/8" @ 640' 350 sx	TOC: Surface Hole Size: 11"
Production Casing	4 1/2" @ 4,645' 125 sx	TOC: 3,805' Hole Size: 6 1/4"
Tubing Size	2 3/8"	
Perforations	4,598'-4,609', 4,613'-17', 4,634'-38'	
Packer Size & Type	-----	
Bridge Plug, If one	-----	

Quay Valley, INC

North El Mar Unit #25

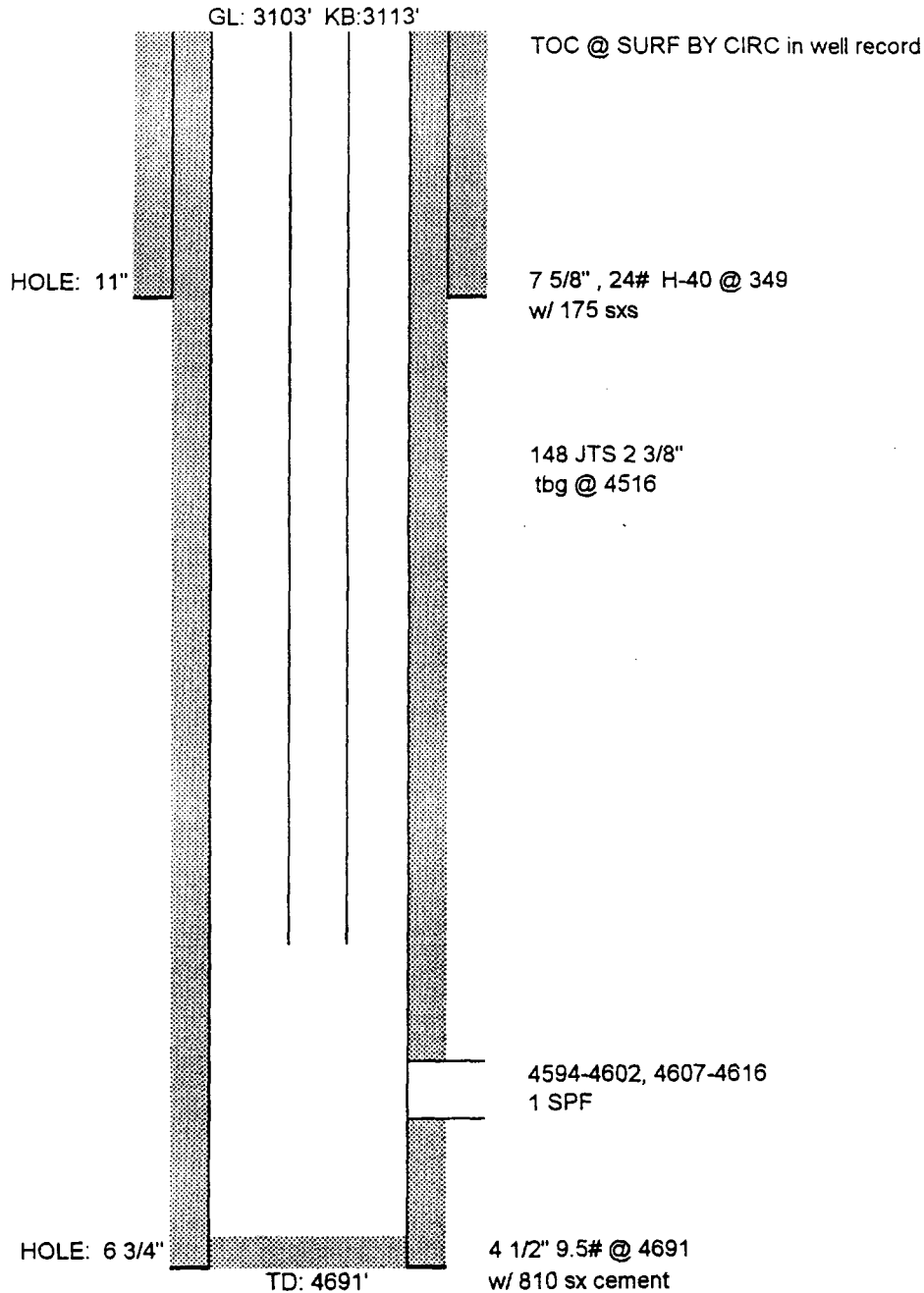
FORMERLY CONTINENTAL OIL WILDER #17

(NMOCD #?, API# 30-025-082900)

660' FEL & 1980' FSL

Spud Date: 2/10/60 Completion: 2/22/60

Section 26, Township 26 South, Range 32 East
Lea County, NM



QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #25

Status	(POW) Formerly: Wilder #17
County & State	Lea County, New Mexico
Spud Date:	02/10/60 (Respuded 11/10/84)
Completion	02/22/60
Total Depth	4,691'
Surface Casing	7 5/8" @ 349' 175 sx TOC: Surface Hole Size: 11"
Production Casing	4 1/2" @ 4,691' 810 sx TOC: Surface (?) Hole Size: 6 3/4"
Tubing Size	2 3/8" @ 4,516'
Perforations	4,594'-4,602', 4,607-4,616'
Packer Size & Type	
Bridge Plug, If one	Elder 4 1/2" CIBP @ 4,670' - drilled out BP @4,570' - Put back on production.

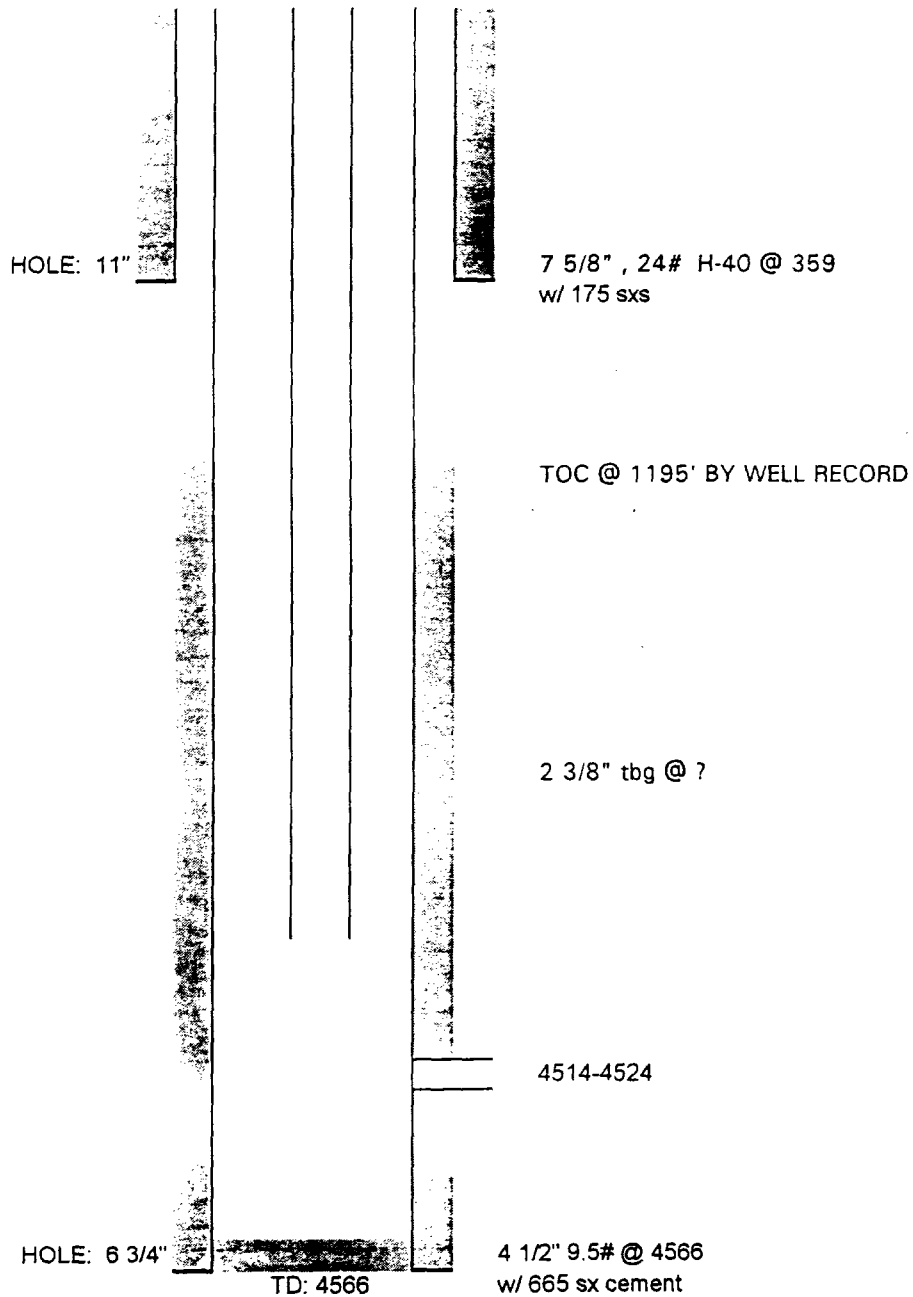
Quay Valley, INC

North El Mar Unit #27

FORMERLY CONTINENTAL OIL WILDER #22
(NMOCD #?, API# 30-025-082950)

1980' FSL & 1980' FWL
Section 26, Township 26 South, Range 32 East
Lea County, NM

Spud Date: 5/10/60 Completion: 5/21/60



QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #27

Status	(POW)	Formerly: Wilder #22
County & State	Lea County, New Mexico	
Spud Date:	05/10/60	
Completion	05/21/60	
Total Depth	4,566'	
Surface Casing	7 5/8" @ 359' 175 sx	TOC: Surface Hole Size: 11"
Production Casing	4 1/2" @ 4,566' 665 sx	TOC: 1,195' Hole Size: 6 3/4"
Tubing Size	2 3/8"	
Perforations	4,514'-24'	
Packer Size & Type		
Bridge Plug, If one		

QUAY VALLEY, INC

North El Mar Unit #28

FORMERLY CONTINENTAL OIL WILDER #24

(NMOCD # ____, API# 30-025-082960)

Unit H, 1980' FNL x 660' FWL

Section 26, T-26-S, R-32-E

Lea County, New Mexico

SPUD: 6/13/60 COMPLETION: 7/17/60

"0"-11' AGL

LE: 11"

7 5/8" surface casing @ 365
w/ 175 sx cmt CIR/SURF

TOC @ 900 by well record

TBG.-144 Jts 2 3/8" O.D. EUE 8rd,
plastic coated tubing (1986)

PB: 4492 (1986)

ELDER CIBP @ 4450'

Perfs; 4497'-4507' w/ 4 JSPF (1960)

4528'-36' w/ 2 JSPF (1975)

4 1/2", 9.5# @ 4607
w/ 770 sx

TD 4607'

QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #28

Status	(WIWSI)	Formerly: Wilder #24
County & State	Lea County, New Mexico	
Spud Date:	06/13/60	
Completion	07/17/60	
Total Depth	4,607'	
Surface Casing	7 5/8" @ 365' 175 sx	TOC: Surface
	Hole Size: 11"	
Production Casing	4 1/2" @ 4,607' 770 sx	TOC: 900'
	Hole Size: 6 3/4"	
Tubing Size	2 3/8"	
Perforations	4,497'-4,507', 4,528'-36',	
Packer Size & Type		
Bridge Plug, If one	Elder CIBP @ 4,450'	

Quay Valley, INC

North El Mar Unit #29

FORMERLY TEXACO INC ELLIOT FEDERAL #3

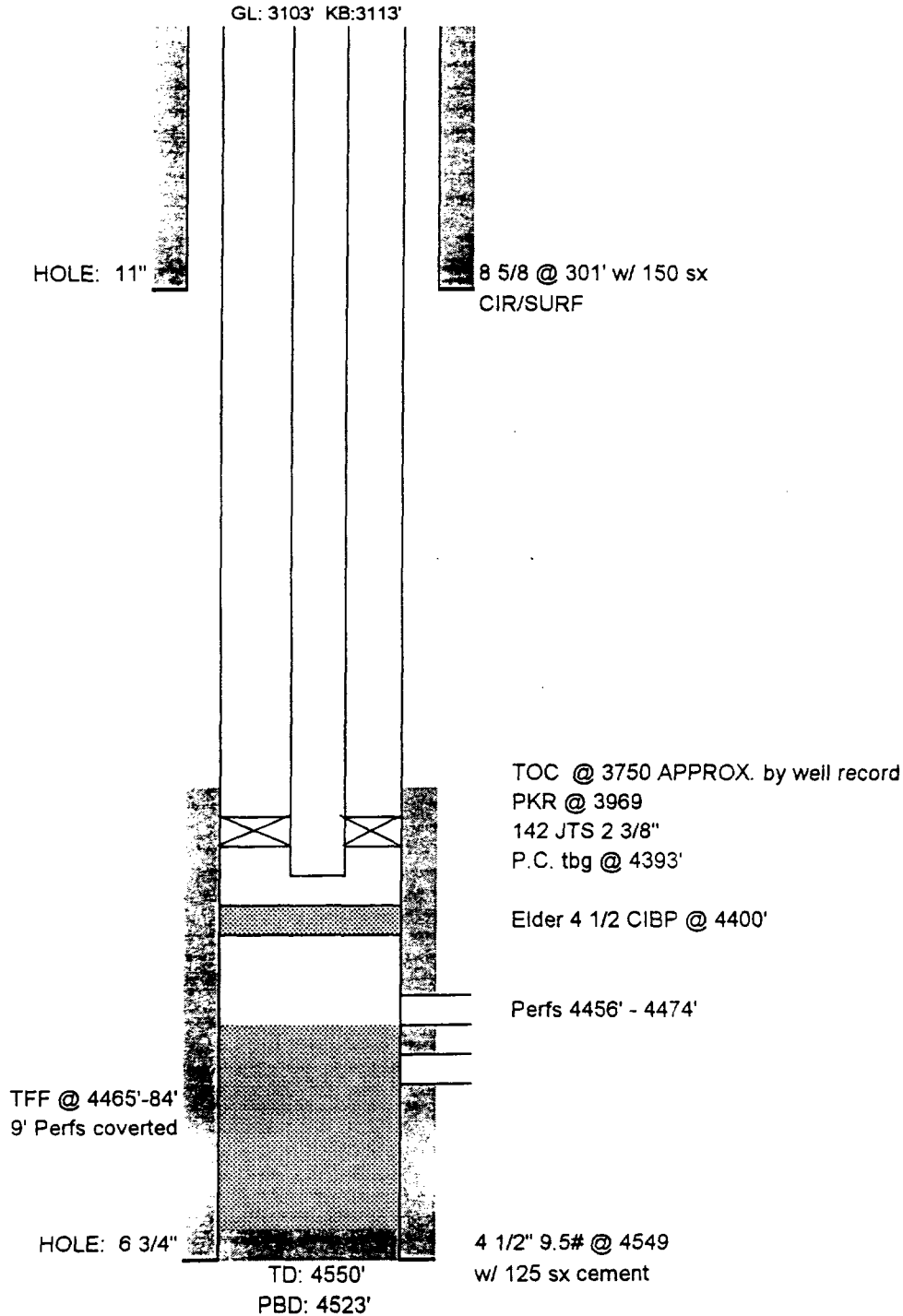
(NMOCD #?, API# 30-025-083000)

330' FSL & 330" FEL

Section 27, Township 26 South, Range 32 East

Lea County, NM

Spud Date: 11/29/59 Completion: 12/12/59



QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #29

Status	(WIWSI)	Formerly: Elliot Federal #3
County & State	Lea County, New Mexico	
Spud Date:	11/29/59	
Completion	12/12/59	
Total Depth	4,550'	
Surface Casing	8 5/8" @ 301' 150 sx	TOC: Surface Hole Size: 11"
Production Casing	4 1/2" @ 4,549' 125 sx	TOC: 3,750' Hole Size: 6 3/4"
Tubing Size	2 3/8" @ 4,393'	
Perforations	4,456'-74' TFF @ 4,465'-84' 9' perms converted	
Packer Size & Type	@ 3,969'	
Bridge Plug, If one	Elder 4 1/2" CIBP @ 4,400'	

Quay Valley, INC

North El Mar Unit #30

FORMERLY CONTINENTAL OIL WILDER #16

(NMOCD #?, API# 30-025-082890)

660' FSL & 660' FWL

Spud Date: 1/30/60 Completion: 2/10/60

Section 26, Township 26 South, Range 32 East
Lea County, NM

GL: 3107' KB: 3118'

HOLE: 11"

7 5/8" 24# csg @ 354
w/ 175 sx (circ)

TOC @ 3650 BY WELL RECORD

2 3/8" TBG @ 4475

4469'-4508' w/2JSPF

4481'-91', 4498'-4501' w/2JSPF

HOLE: 6 1/4"

TD: 4553'

4 1/2" 9.5# @ 4553
w/ 175 sx cement

QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #30

Status	(POW)	Formerly: Wilder #16
County & State	Lea County, New Mexico	
Spud Date:	01/30/60 (Respud 10/30/80)	
Completion	02/10/60	
Total Depth	4,553'	
Surface Casing	7 5/8' @ 354' 175 sx	TOC: Surface Hole Size: 11"
Production Casing	4 1/2" @ 4,553' 175 sx	TOC: 3,650' Hole Size: 6 1/4"
Tubing Size	2 3/8" @ 4,475'	
Perforations	4,469'-4,508', 4,481'-4,501'	
Packer Size & Type		
Bridge Plug, If one	Knocked out CIBP @ 4,400' 9/21/95	

Quay Valley, INC

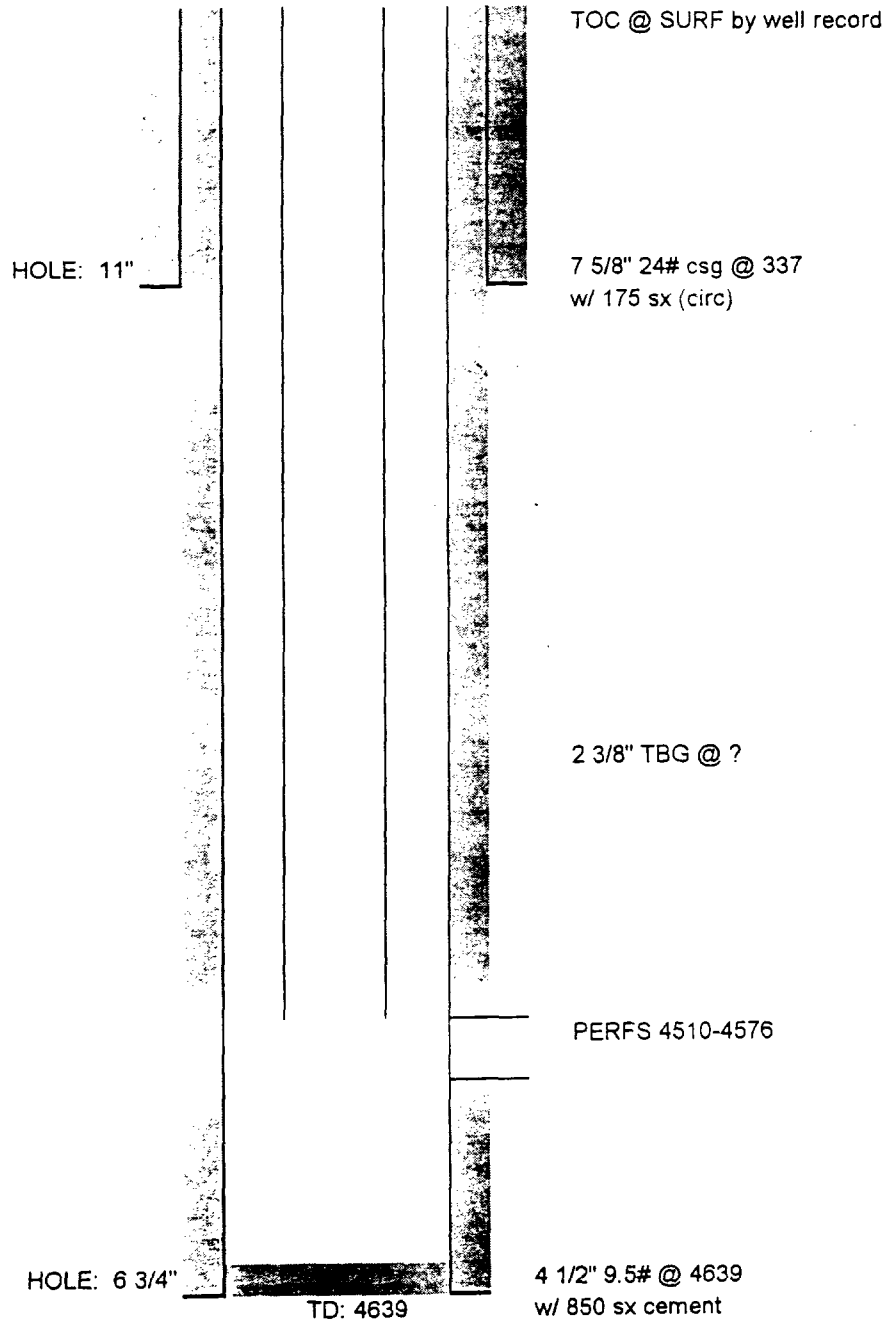
North El Mar Unit #32

FORMERLY CONTINENTAL OIL WILDER #18

(NMOCD #7, API# 30-025-082910)

660' FSL & 660' FEL
Section 26, Township 26 South, Range 32 East
Lea County, NM

Spud Date: 3/3/60 Completion: 3/17/60



QUAY VALLEY, INC.
JULY, 1996

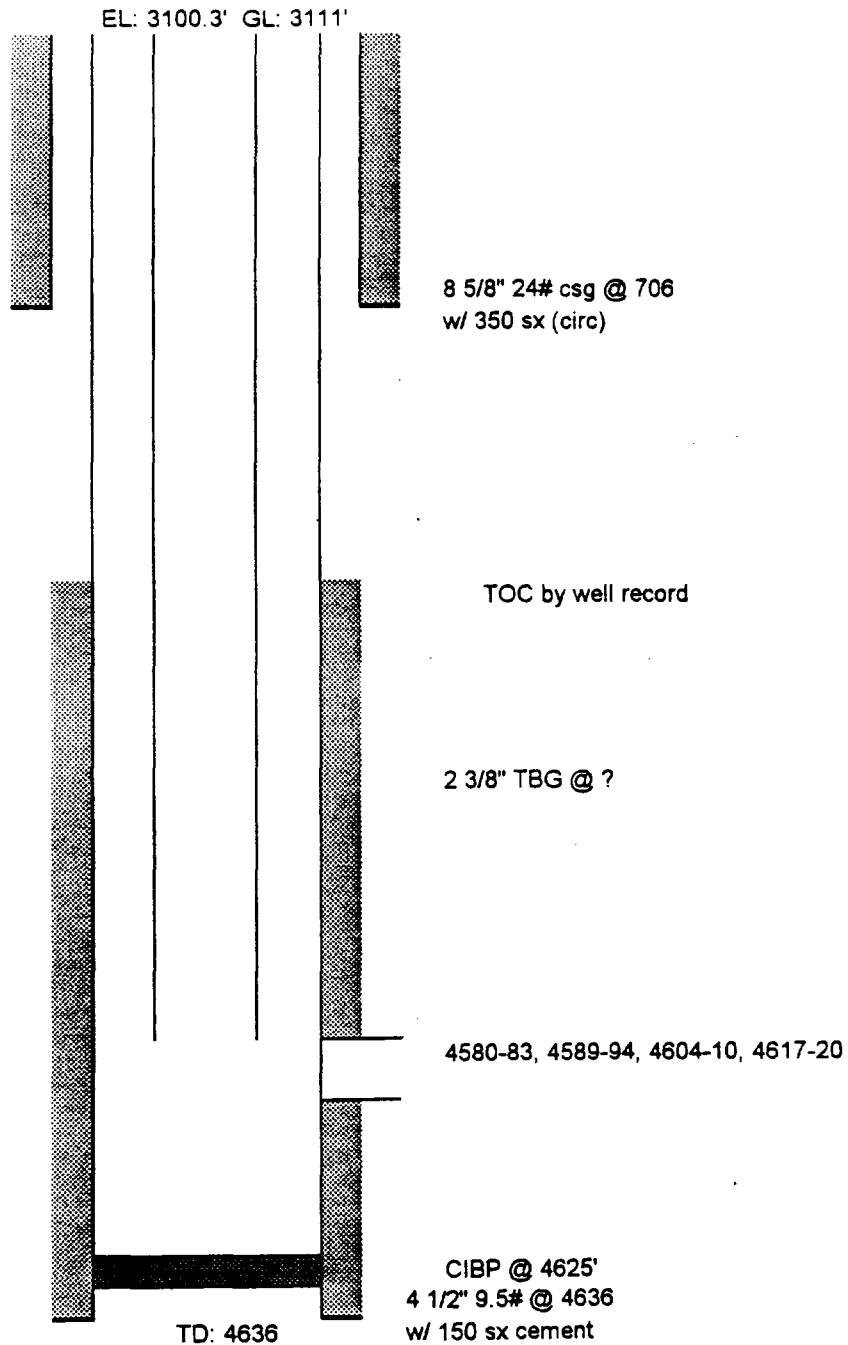
Bobby Gray/Gray Pumping
915/943-4397

NEMU #32

Status	(POW)	Formerly: Wilder #18
County & State	Lea County, New Mexico	
Spud Date:	03/03/60	
Completion	03/17/60	
Total Depth	4,639'	
Surface Casing	7 5/8" @ 337' 175 sx	TOC: Surface Hole Size: 11"
Production Casing	4 1/2" @ 4,639' 850 sx	TOC: Surface Hole Size: 6 3/4"
Tubing Size	2 3/8"	
Perforations	4,510'-76'	
Packer Size & Type		
Bridge Plug, If one		

Quay Valley
North El Mar Unit #34
FORMERLY CONTINENTAL OIL WILDER #1
(NMOCD #?, API# 30-025-082730)

330' FSL & 330' FWL Spud Date: 4/16/59 Completion: 5/3/59
Section 25, Township 26 South, Range 32 East
Lea County, NM



QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #34

Status	(POW) Formerly: Wilder #1
County & State	Lea County, New Mexico
Spud Date:	04/16/59
Completion	05/03/59
Total Depth	4,636'
Surface Casing	8 5/8" @ 706' 350 sx TOC: Surface Hole Size:
Production Casing	4 1/2" @ 4,636' 150 sx TOC: Hole Size:
Tubing Size	2 3/8"
Perforations	4,580'-83', 4,589'-94', 4,604'-10', 4,617'-20'
Packer Size & Type	
Bridge Plug, If one	Knocked out CIBP (02/01/95) - pushed to 4,625'

Quay Valley, INC

North El Mar Unit #36

FORMERLY CONTINENTAL OIL WILDER #11

(NMOCD #7, API# 30-025-082820)

Spud Date: 9/30/59 Completion: 10/11/59

660' FSL & 1980' FEL

Section 25, Township 26 South, Range 32 East

Lea County, NM

GL: 3104' KB: 3115'

HOLE: 11"

7 5/8" 24#, H-40 csg @ 325'
w/ 150 sx (circ)

TOC @ 3625' by well record

2 3/8" TBG @ ?

4627'-41'

w/ 4 JSPF

4657'-64'

HOLE: 6 1/4"

TD: 4679'

4 1/2" 9.5# @ 4679'
w/ 175 sx cement

QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #36

Status	(POW) Formerly: Wilder #11
County & State	Lea County, New Mexico
Spud Date:	09/30/59
Completion	10/11/59
Total Depth	4,679'
Surface Casing	7 5/8" @ 325' 150 sx TOC: Surface Hole Size: 11"
Production Casing	4 1/2" @ 4,679' 175 sx TOC: 3,625' Hole Size: 6 1/4"
Tubing Size	2 3/8"
Perforations	4,627'-41', 4,657'-64'
Packer Size & Type	
Bridge Plug, If one	Arrow "PDQ" CIBP @ 4,575' 2/95 removed CIBP and returned to production.

Quay Valley, INC

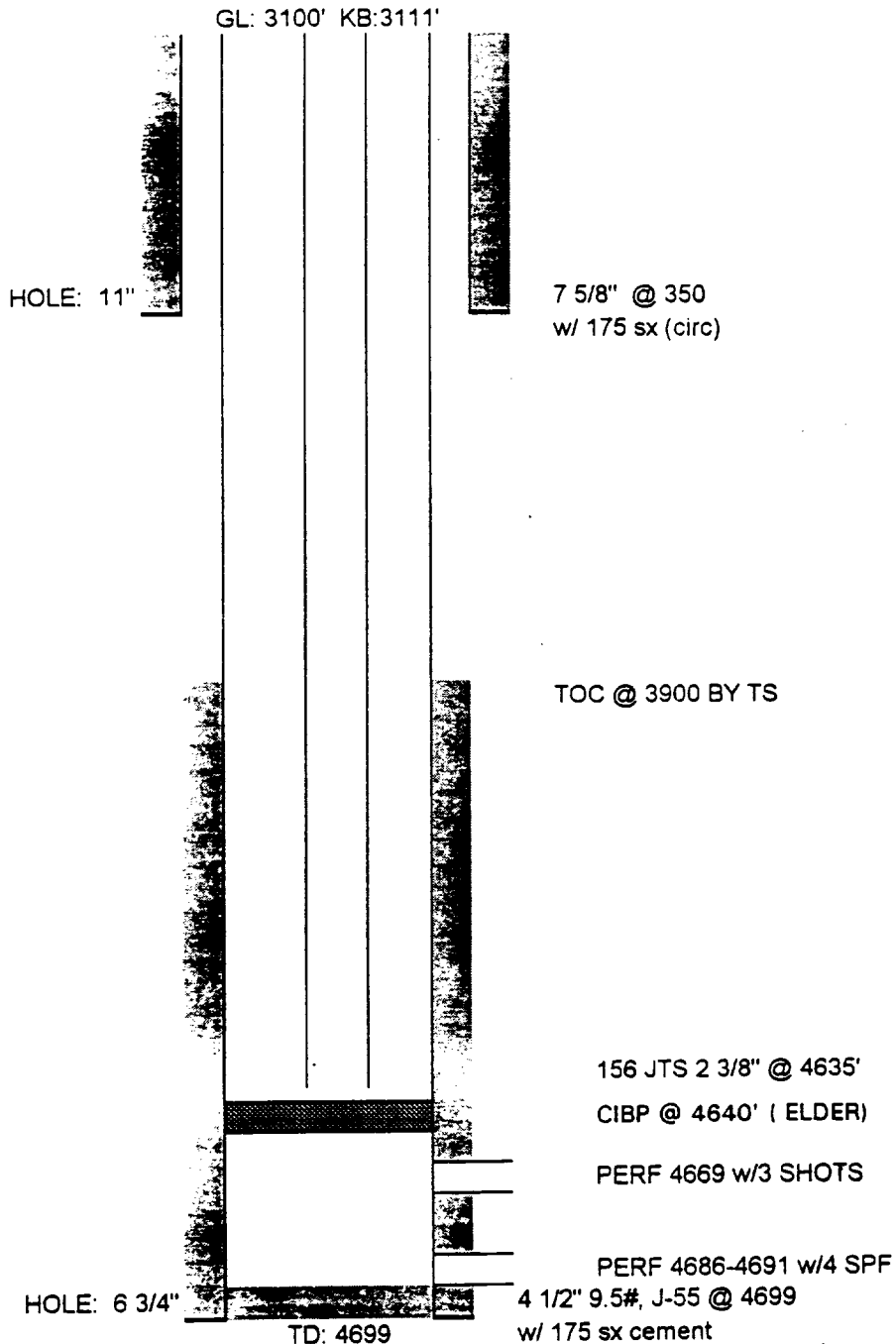
North El Mar Unit #38

FORMERLY CONTINENTAL PAYNE #5

(NMOCD #7, API# 30-025-084330)

660' FSL & 660' FWL
Section 30, Township 26 South, Range 33 East
Lea County, NM

Spud Date: 1/20/60 Completion: 1/30/60



QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #38

Status	(TA) Formerly: Payne #5
County & State	Lea County, New Mexico
Spud Date:	01/20/60
Completion	01/30/60
Total Depth	4,699'
Surface Casing	7 5/8" @ 350" 175 sx TOC: Surface Hole Size: 11"
Production Casing	4 1/2" @ 4,699' 175 sx TOC: 3,900' Hole Size: 6 3/4"
Tubing Size	2 3/8" @ 4,635'
Perforations	4,669'-91'
Packer Size & Type	
Bridge Plug, If one	Elder 4 1/2" CIBP @ 4,640'

Quay Valley, INC

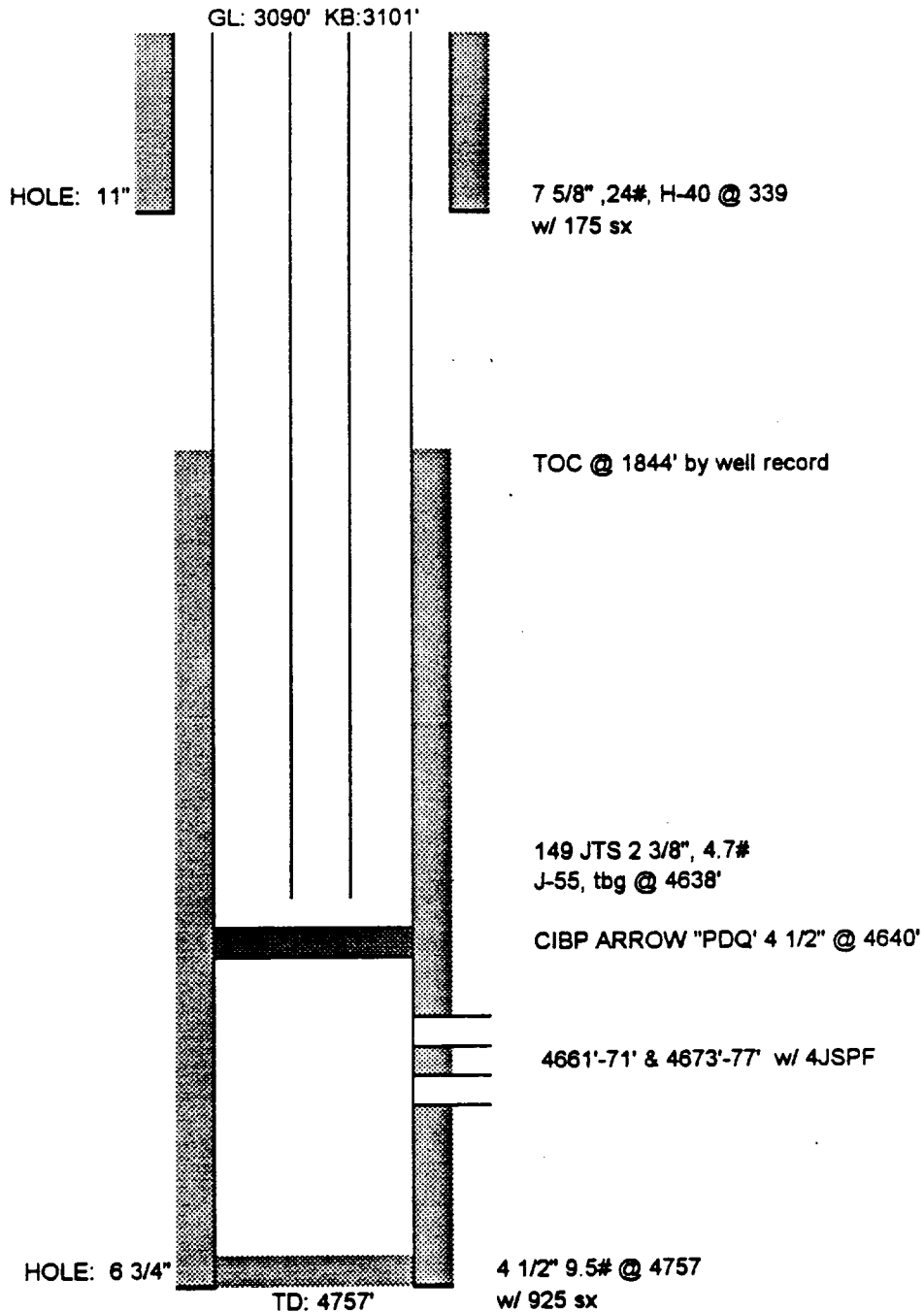
North El Mar Unit #40

FORMERLY CONTINENTAL OIL PAYNE #10

(NMOCD #7, API# 30-025-084390)

660' FNL & 1650' FWL
Section 31, Township 26 South, Range 33 East
Lea County, NM

Spud Date: 5/31/60 Completion: 6/13/60



QUAY VALLEY, INC.
JULY, 1996

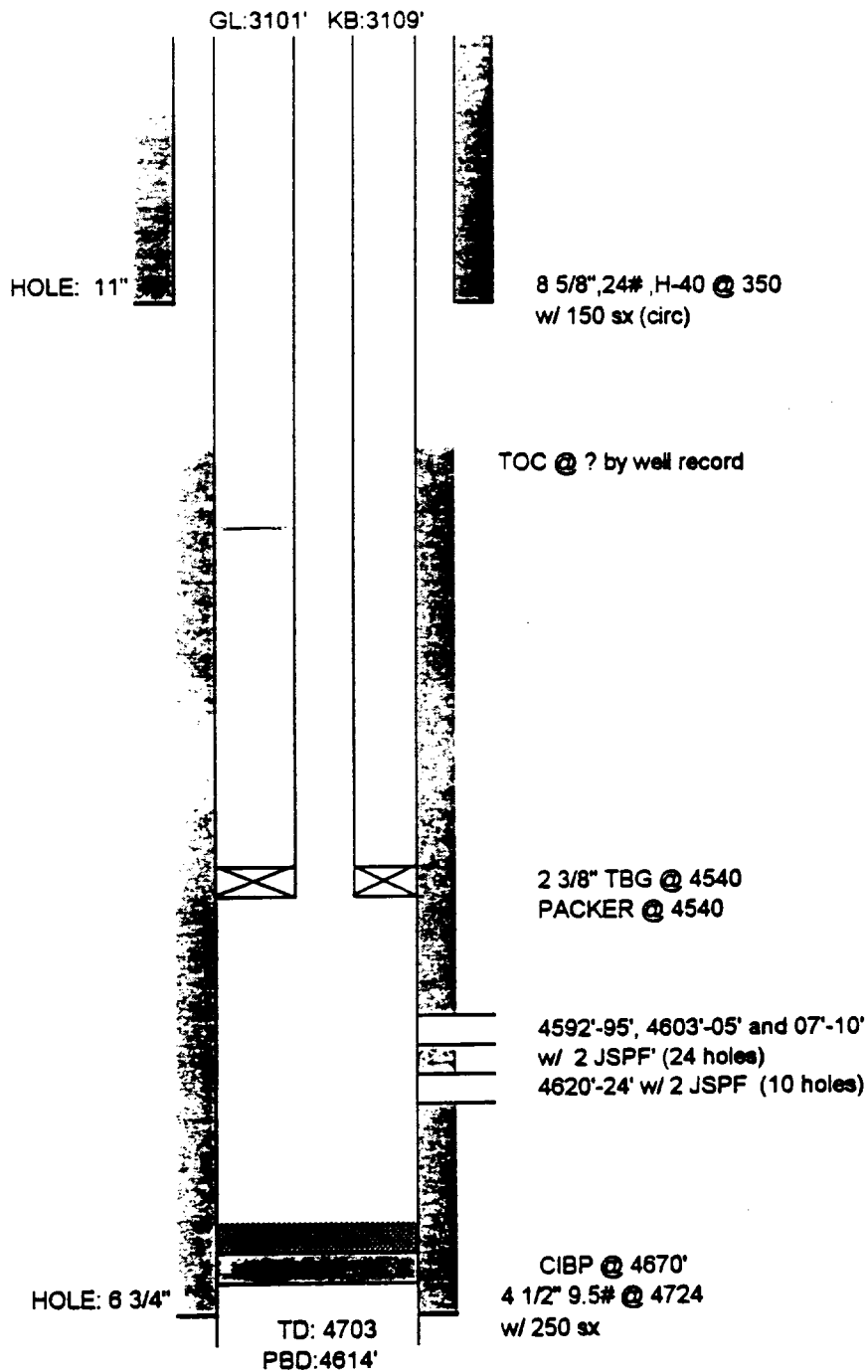
Bobby Gray/Gray Pumping
915/943-4397

NEMU #40

Status	(TA) Formerly: Payne #10
County & State	Lea County, New Mexico
Spud Date:	05/31/60
Completion	06/13/60
Total Depth	4,757'
Surface Casing	7 5/8" @ 339' 175 sx TOC: Surface (?) Hole Size: 11"
Production Casing	4 1/2" @ 4,757' 925 sx TOC: 1,844' Hole Size: 6 3/4"
Tubing Size	2 3/8" @ 4,638'
Perforations	4,661'-71', 4,673'-77'
Packer Size & Type	
Bridge Plug, If one	Arrow "PDQ" 4 1/2" CIBP @ 4,640' (Knock out CIBP - Run BHPT)

Quay Valley, INC
North El Mar Unit #43
FORMERLY KERN COUNTY LAND STATE 36 #2
(NMOCD #7, API# 30-025-083150)

543' FNL & 2108' FWL Spud Date: 6/02/59 Completion: 6/23/59
Section 36, Township 26 South, Range 32 East
Lea County, NM



QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #43

Status	(POW) Formerly: State 36 #2
County & State	Lea County, New Mexico
Spud Date:	06/02/59
Completion	06/23/59
Total Depth	4,703' PBTD @ 4,614'
Surface Casing	8 5/8" @ 350' 150 sx TOC: Surface Hole Size: 11"
Production Casing	4 1/2" @ 4,724' 250 sx TOC: ? Hole Size: 6 3/4"
Tubing Size	2 3/8" @ 4,540'
Perforations	4,592'-95', 4,603-05', 4,607'-10', 4,620'-24'
Packer Size & Type	@ 4,540'
Bridge Plug, If one	Drilled out CIBP @ 4,554'; pushed to 4,670' (01/95)

Quay Valley, INC

North El Mar Unit #44

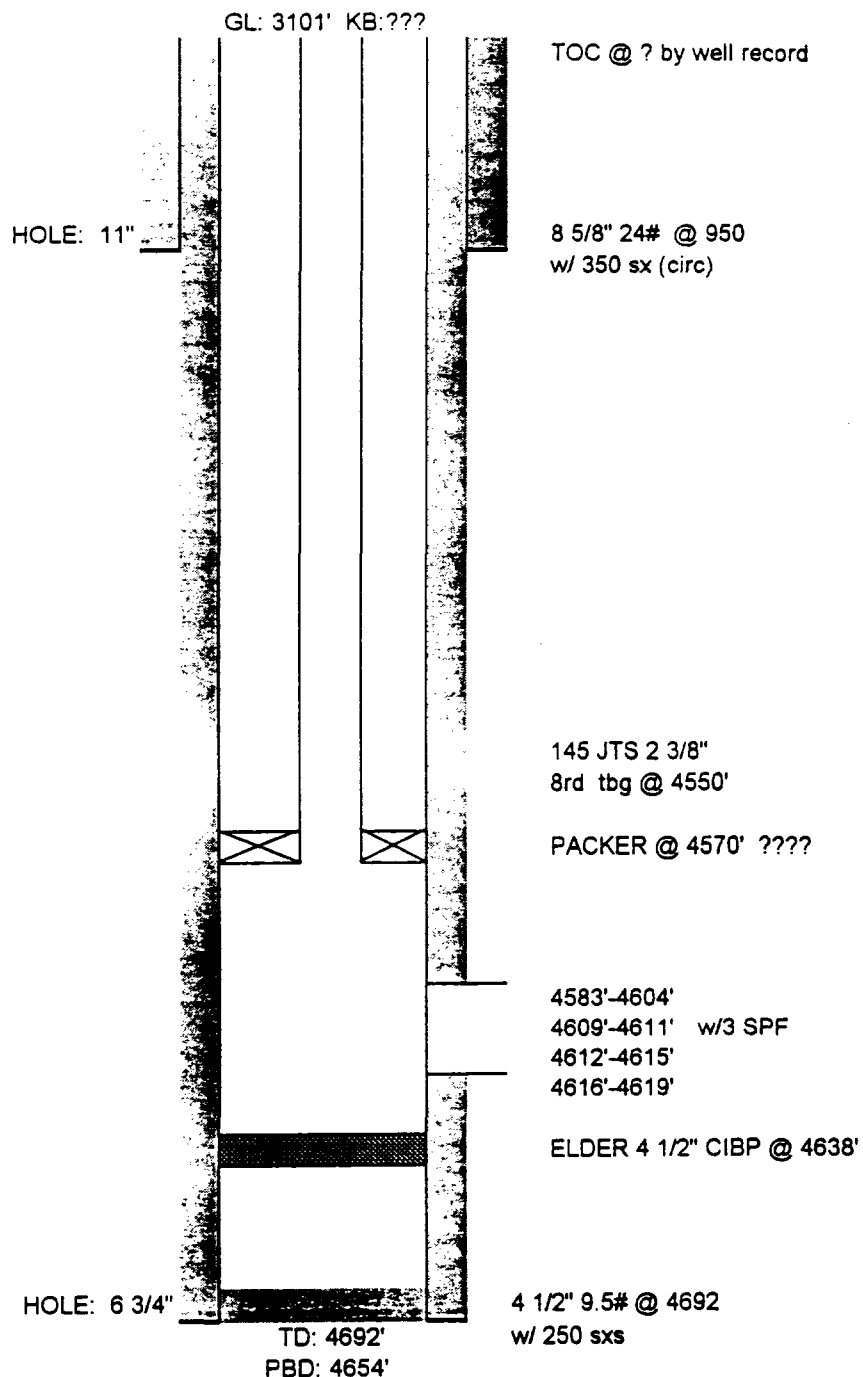
FORMERLY KERN COUNTY LAND STATE 36 #1

(NMOCD #?, API# 30-025-083140)

330' FNL & 330' FWL
Section 36, Township 26 South, Range 32 East
Lea County, NM

Spud Date: 2/19/59

Completion: 3/1/59



QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #44

Status	(POW) Formerly: State 36 #1
County & State	Lea County, New Mexico
Spud Date:	02/19/59
Completion	03/01/59
Total Depth	4,692' PBTD @ 4,654'
Surface Casing	8 5/8" @ 950' 350 sx TOC: Surface Hole Size: 11"
Production Casing	4 1/2" @ 4,692' 250 sx TOC: Surface (?) Hole Size: 6 3/4"
Tubing Size	2 3/8" @ 4,550'
Perforations	4,583'-4,604', 4,609'-11', 4,612'-15', 4,616'-19'
Packer Size & Type	@ 4,570'
Bridge Plug, If one	Elder 4 1/2" @ 4,555'. Knocked out & pushed to 4,638'.

Quay Valley, INC

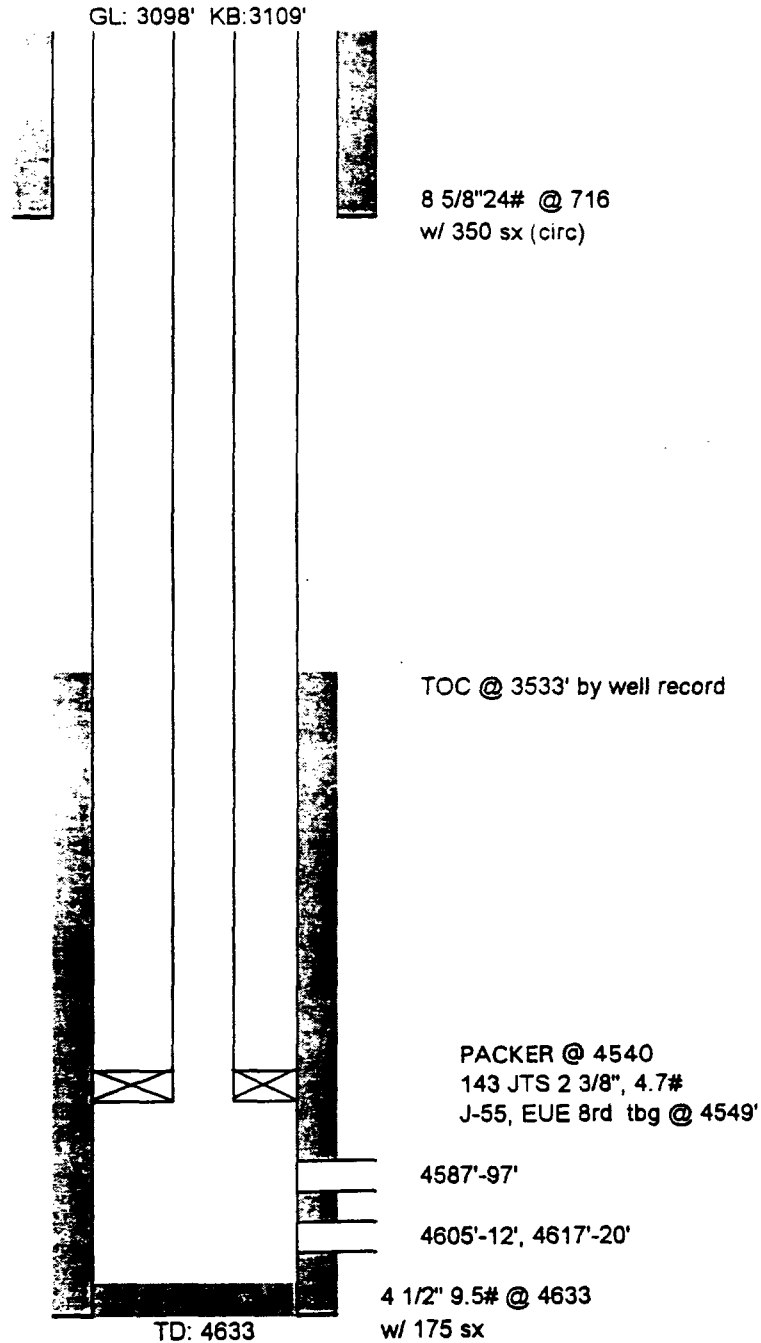
North El Mar Unit #45

FORMERLY CONTINENTAL OIL BRADLEY 35 #1

(NMOCD #7, API# 30-025-083080)

660' FNL & 330' FEL
Section 35, Township 26 South, Range 32 East
Lea County, NM

Spud Date: 5/12/59 Completion: 5/23/59



QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #45

Status	(TA) Formerly: Bradley 35 #1
County & State	Lea County, New Mexico
Spud Date:	05/12/59
Completion	05/23/59
Total Depth	4,633'
Surface Casing	8 5/8" @ 716' 350 sx TOC: Surface Hole Size: ?
Production Casing	4 1/2" @ 4,633' 175 sx TOC: 3,533' Hole Size: ?
Tubing Size	2 3/8" @ 4,549'
Perforations	4,587'-97', 4,605'-12', 4,617'-20'
Packer Size & Type	@ 4,540'
Bridge Plug, If one	Arrow "PDQ" @ 4,551' (Knock out - Run BHPT)

Quay Valley, INC

North El Mar Unit #47

FORMERLY CONTINENTAL OIL BRADLEY 35 #3

(NMOCD #7, API# 30-025-083100)

660' FNL & 1980' FWL

Spud Date: 12/20/59 Completion: 12/29/59

Section 35, Township 26 South, Range 32 East

Lea County, NM

EL: 3095'

GL: 3106' KB:

HOLE: 11"

7 5/8 csg set at 358'
w/ 175 sx (circ)

TOC @ 3400 by well record

2 3/8" TBG- 4495'
may not include
mud anchor

Perfs-4 JSPF
4497'-4506', 4510'-4515', 4523'-4535'

HOLE: 6 1/4"

TD: 4544'

4 1/2 9.5# csg set @ 4554
w/ 175 sx

QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #47

Status	(POW)	Formerly: Bradley 35 #3
County & State	Lea County, New Mexico	
Spud Date:	12/20/59	
Completion	12/29/59	
Total Depth	4,544'	
Surface Casing	7 5/8" @ 358' 175 sx	TOC: Surface Hole Size: 11"
Production Casing	4 1/2" @ 4,544' 175 sx	TOC: 3,400' Hole Size: 6 1/4"
Tubing Size	2 3/8" @ 4,495'	
Perforations	4,497'-4,506', 4,510'-4,515', 4,523'-35'	
Packer Size & Type		
Bridge Plug, If one		

Quay Valley, INC

North El Mar Unit #49

FORMERLY TEXACO INC ELLIOT FEDERAL #2

(NMOCD #7, API# 30-025-083060)

1016' FNL & 330' FEL

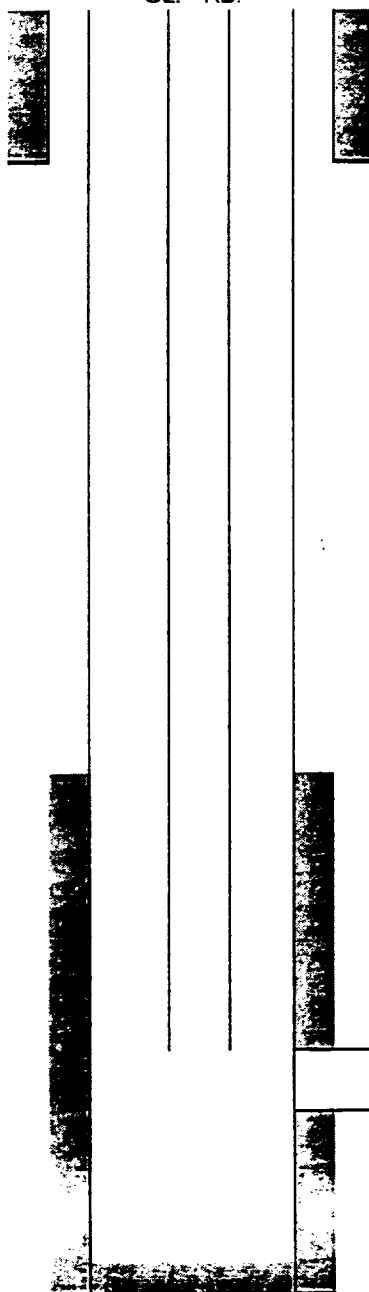
Spud Date: 10/06/59 Completion: 10/18/59

Section 34, Township 26 South, Range 32 East

Lea County, NM

EL: 3111'

GL: KB:



8 5/8 csg set at 301
w/ 200 sx (circ)

TOC @ ? by well record

2 3/8" @ 4436
Perfs: 4458-4480

4 1/2 9.5# csg set @ 4547
w/ 125 sx

TD: 4548'

QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #49

Status	(POW)	Formerly: Elliot Federal #2
County & State	Lea County, New Mexico	
Spud Date:	10/06/59	
Completion	10/18/59	
Total Depth	4,548'	
Surface Casing	8 5/8" @ 301' 200 sx TOC: Surface Hole Size: ?	
Production Casing	4 1/2" @ 4,547' 125 sx TOC: ?	
Tubing Size	2 3/8" @ 4,436'	
Perforations	4,458'-4,480'	
Packer Size & Type		
Bridge Plug, If one		

Quay Valley, INC

North El Mar Unit #53

FORMERLY KERN COUNTY LAND STATE 36 #4

(NMOCD #7, API# 30-025-083170)

542' FSL & 330' FNL

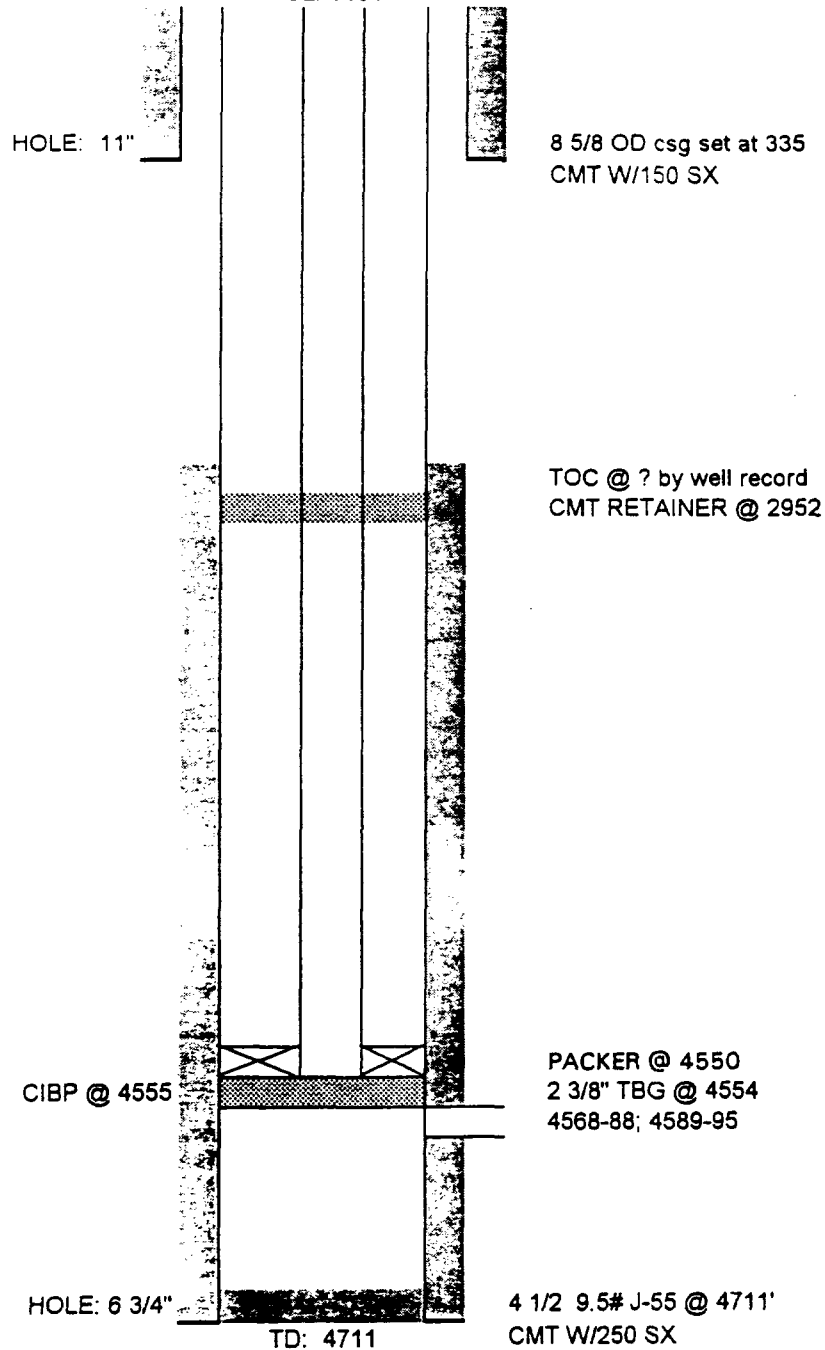
Spud Date: 7/11/59 Completion: 7/19/59

Section 36, Township 26 South, Range 32 East

Lea County, NM

EL: 3097'

GL: 3101'



QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #53

Status	(TA) Formerly: State 36 #4
County & State	Lea County, New Mexico
Spud Date:	07/11/59
Completion	07/19/59
Total Depth	4,711'
Surface Casing	8 5/8" @ 335' 150 sx TOC: ? Hole Size: 11"
Production Casing	4 1/2" @ 4,711' 250 sx TOC: ? Hole Size: 6 3/4"
Tubing Size	2 3/8" @ 4,554'
Perforations	4,568'-88', 4,589'-95'
Packer Size & Type	@ 4,550'
Bridge Plug, If one	Elder 4 12" CIBP @ 4,555' Elder 4 1/2" Cement Retainer @ 2,952'

Quay Valley, INC

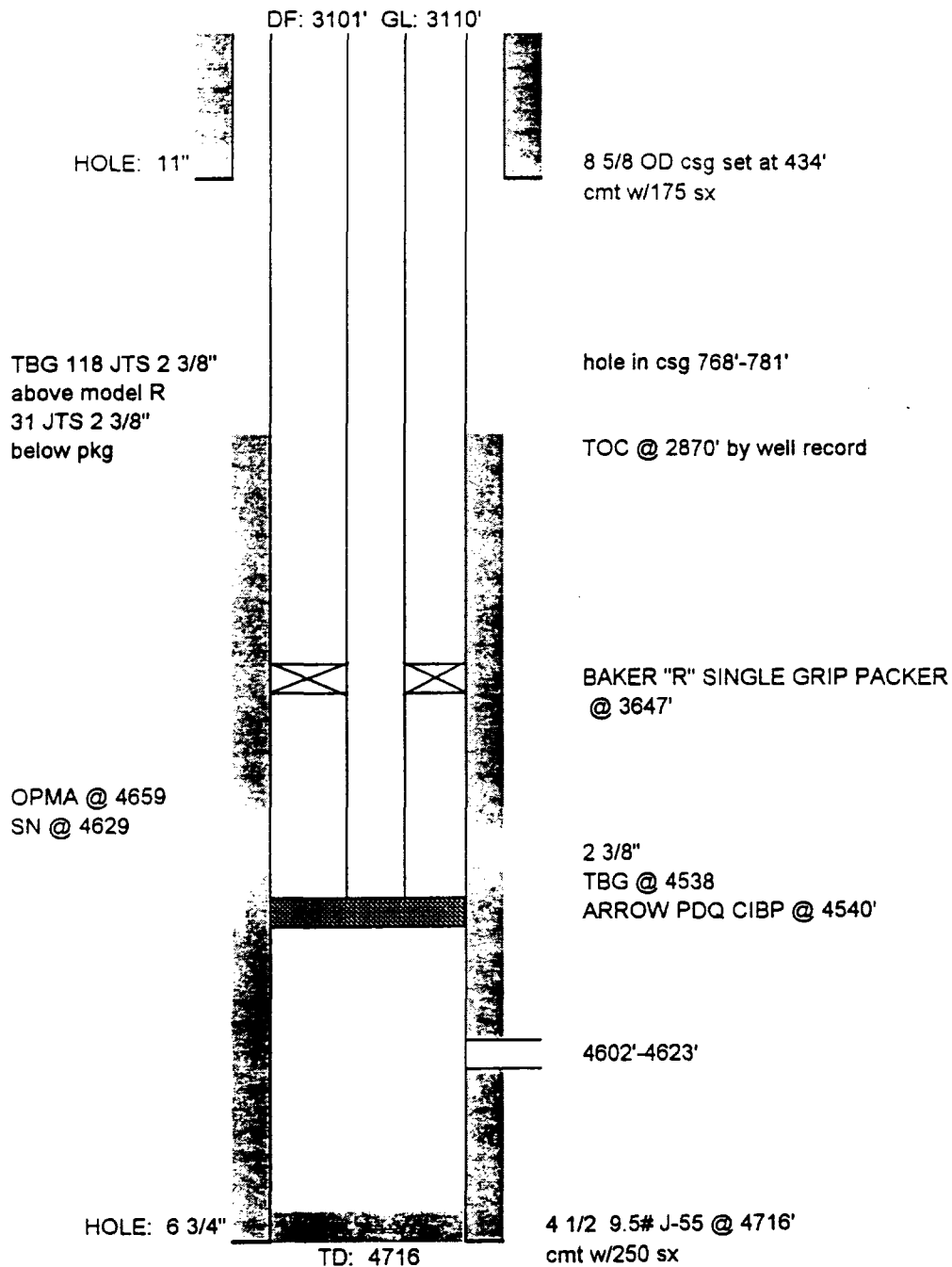
North El Mar Unit #55

FORMERLY KERN COUNTY LAND STATE 36 #6

(NMOCD #7, API# 30-025-083190)

544' FSL & 1448' FEL
Section 36, Township 26 South, Range 32 East
Lea County, NM

Spud Date: 12/05/59 Completion: 12/13/59



QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #55

Status	(TA) Formerly: State 36 #6
County & State	Lea County, New Mexico
Spud Date:	12/05/59
Completion	12/13/59
Total Depth	4,716'
Surface Casing	8 5/8" @ 434' 175 sx TOC: Surface (?) Hole Size: 11"
Production Casing	4 1/2" @ 4,716' 250 sx TOC: ? Hole Size: 6 3/4"
Tubing Size	2 3/8" @ 4,538'
Perforations	4,602'-23'
Packer Size & Type	Baker "R" Single grip @ 3,647'
Bridge Plug, If one	Arrow "PDQ" CIBP @ 4,540'

Quay Valley, INC

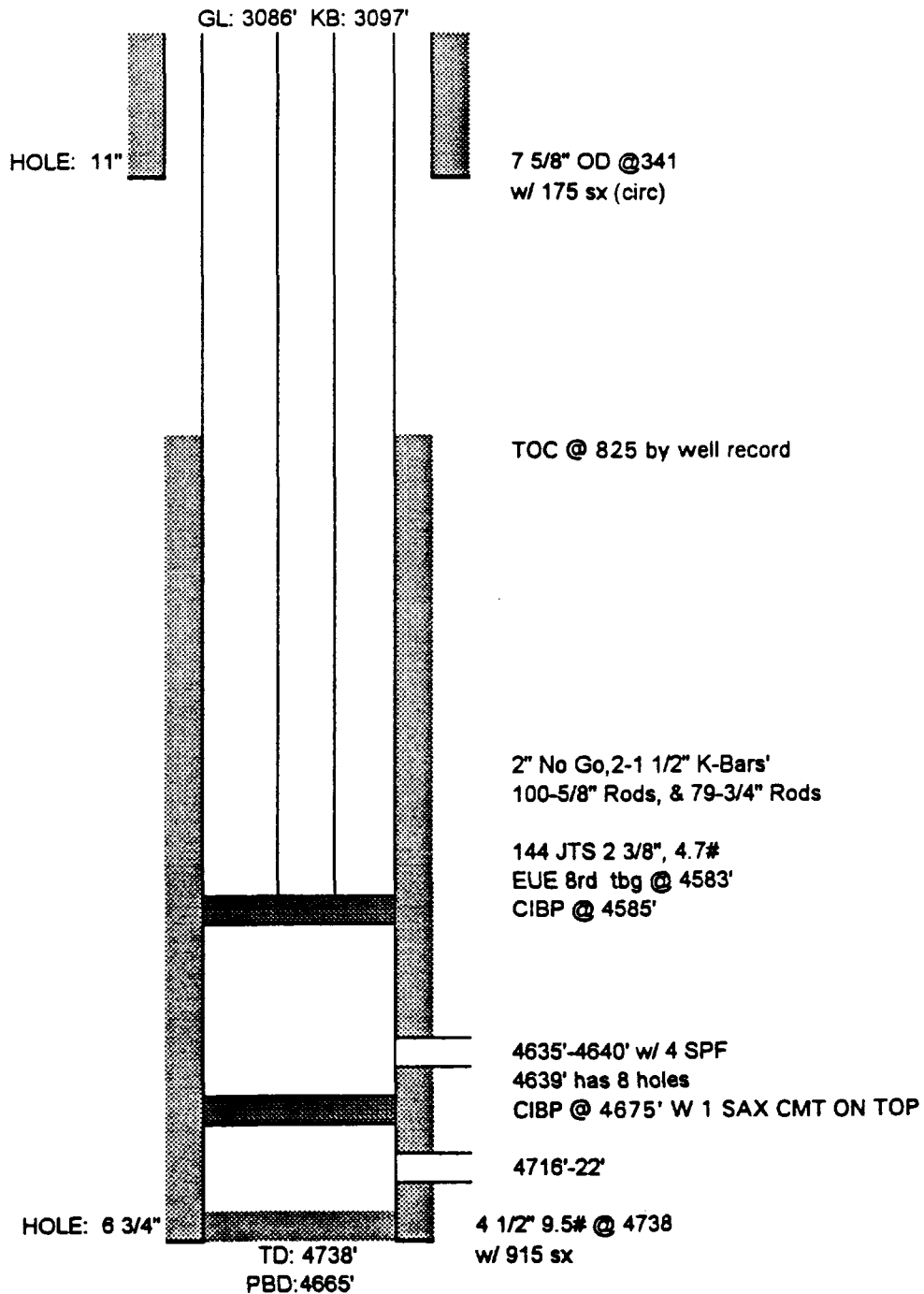
North El Mar Unit #56

FORMERLY CONTINENTAL OIL PAYNE #9

(NMOCD #7, API# 30-025-084380)

1935' FNL & 330' FWL
Section 31, Township 26 South, Range 33 East
Lea County, NM

Spud Date: 4/20/60 Completion: 4/29/60



QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #56

Status	(TA) Formerly: Payne #9
County & State	Lea County, New Mexico
Spud Date:	04/20/60
Completion	04/29/60
Total Depth	4,738' PBTD @ 4,665'
Surface Casing	7 5/8" @ 341' 175 sx TOC: Surface Hole Size: 11"
Production Casing	4 1/2" @ 4,738' 915 sx TOC: 825' Hole Size: 6 3/4"
Tubing Size	2 3/8" @ 4,583'
Perforations	4,635'-40', 4,716'-22'
Packer Size & Type	
Bridge Plug, If one	Arrow "PDQ" CIBP @ 4,585' Also CIBP @ 4,675'

Quay Valley, INC

North El Mar Unit #57

FORMERLY CONTINENTAL OIL PAYNE #12

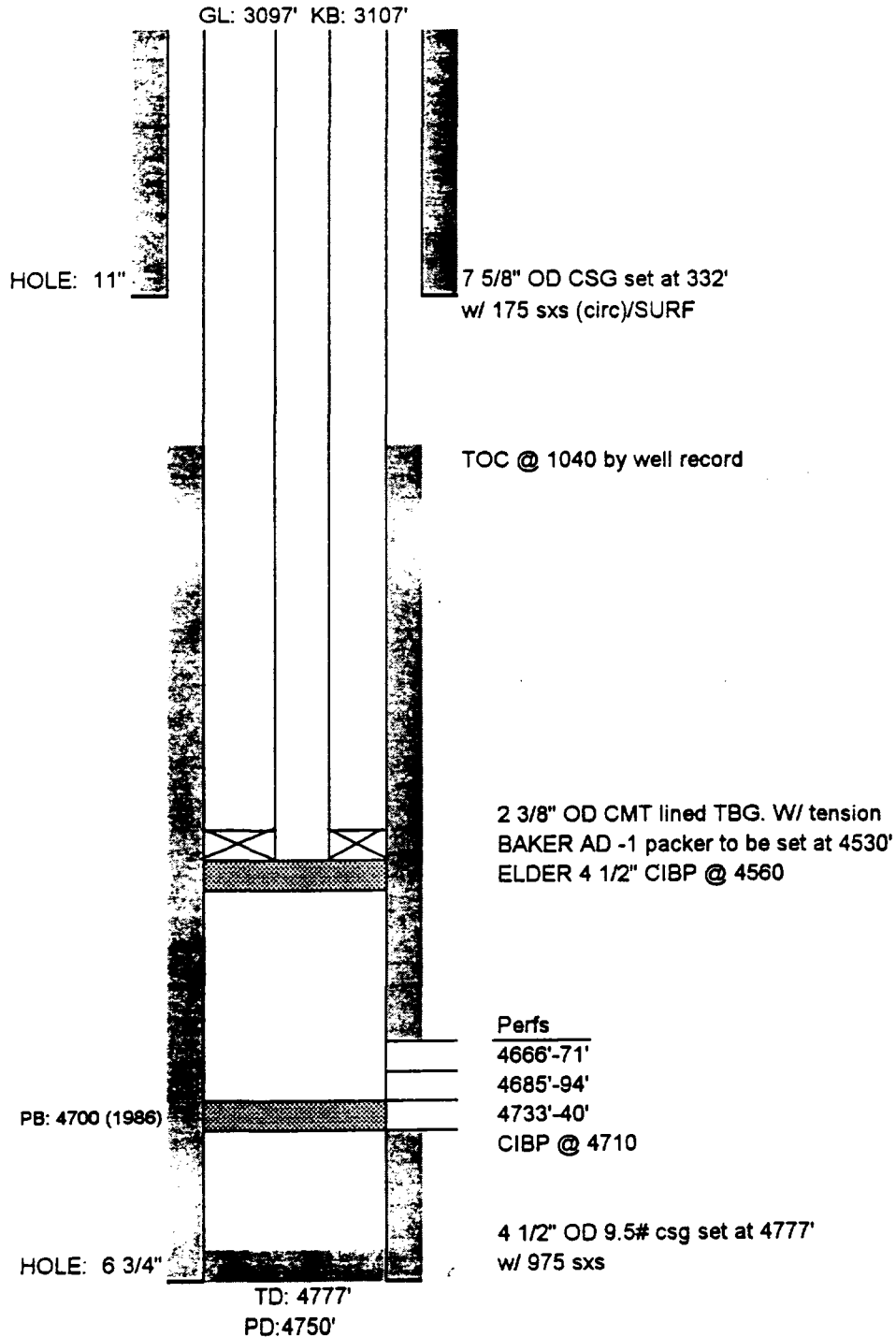
(NMOCD #?, API# 30-025-084400)

1935' FNL & 2090' FWL

Section 31, Township 26 South, Range 33 East

Lea County, NM

Spud Date: 8/13/60 Completion: 8/22/60



NORTH EL MAR UNIT #57**PAGE 1****QUAY VALLEY, INC.
JULY, 1996****Bobby Gray/Gray Pumping
915/943-4397****NEMU #57**

Status	(WIWSI) Formerly: Payne #12
County & State	Lea County, New Mexico
Spud Date:	08/13/60
Completion	08/22/60
Total Depth	4,777'
Surface Casing	7 5/8" @ 332' 175 sx TOC: SURFACE Hole Size: 11"
Production Casing	4 1/2" @ 4,777' 975 sx TOC: 1040' Hole Size: 6 3/4"
Tubing Size	2 3/8"
Perforations	4,666'-71', 4,685'-94' (4,733'-40')
Packer Size & Type	Baker AD-1 @ 4,530'
Bridge Plug, If one	Elder 4 1/2" CIBP @ 4,560' CIBP 4 1/2" @ 4,710' (Maybe another CIBP below this)

Quay Valley, INC

North El Mar Unit #59

(NMOCD #?, API# 30-025-253890)

600' FSL & 900' FWL
Section 35, Township 26 South, Range 32 East
Lea County, NM

Spud Date: 12/13/76 Completion: 1/22/77

EL: 3094'

GL: KB:

HOLE: 12 1/4"

8 5/8 , 24# K-55 csg @
650' w/ 400 sx (circ)

TOC @ 2700' by well record

2 3/8" TBG @ 4464'

4481, 83, 87, 92,
94, 4500, 02, 04, 06
9 shots

HOLE: 7 7/8"

TD: 4550'
PBD: 4512'

5 1/2" 15# K-55 csg @ 4550'
w/ 300 sx

QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #59

Status	(POW)
County & State	Lea County, New Mexico
Spud Date:	12/13/76
Completion	01/22/77
Total Depth	4,550' PBTD @ 4,512'
Surface Casing	8 5/8" @ 650' 400 sx TOC: Surface Hole Size: 12 1/4"
Production Casing	5 1/2" @ 4,550' 300 sx TOC: 2,700' Hole Size: 7 7/8"
Tubing Size	2 3/8" @ 4,464'
Perforations	4,481'-4,506'
Packer Size & Type	
Bridge Plug, If one	

Quay Valley, INC

North El Mar Unit #60

(NMOCD #7, API# 30-025-253900)

500' FSL & 1650' FEL
Section 35, Township 26 South, Range 32 East
Lea County, NM

Spud Date: 12/23/76 Completion: 1/27/77

EL: 3094'

GL: KB:

HOLE: 12 1/4"

8 5/8", 24# csg @
650' w/ 400 sx (circ)

147 JTS 2 7/8" J-55 EUE 8rd
tbg @ 4525

TOC @ 3400' by well record

4556'-4592' 2 JSPF (65)

CIBP PUSHED TO 4620'

HOLE: 7 7/8"

5 1/2" 14# K-55 csg @ 4665'
w/ 330 sx

TD: 4665'
PBD: 4626'

QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #60

Status	(POW)
County & State	Lea County, New Mexico
Spud Date:	12/23/76
Completion	01/27/77
Total Depth	4,665' PBTD @ 4,626'
Surface Casing	8 5/8" @ 650' 400 sx TOC: Surface Hole Size: 12 1/4"
Production Casing	5 1/2" @ 4,665' 330 sx TOC: 3,400' Hole Size: 7 7/8"
Tubing Size	2 3/8" @ 4,525'
Perforations	4,556'-78', 4,582'-92'
Packer Size & Type	
Bridge Plug, If one	CIBP @ 4,620' (Drilled out 10/95)

Quay Valley, INC

North El Mar Unit #61

(NMOCD #?, API# 30-025-253820)

660' FNL & 330' FEL

Spud Date: 1/4/77 Completion: 2/14/77

Section 36, Township 26 South, Range 32 East

Lea County, NM

EL: 3092

GR: 3092' GL: 3103'

HOLE: 12 1/4"

8 5/8", 24# H-40 csg @ 675
w/ 420 sx (circ)

TOC @ 2600' by well record

146 JTS 2 3/8" tbg w/
OPMA @ 4636 ; SN @ 4606

4618', 24', 26', 30', 32',
34', 36', 40', 42', 48', 50', 52', 57',
& 59' w/ 1 JSPF (15 shots)

4696'-4714' w/2 JSPF
(36 shots)

HOLE: 7 7/8"

5 1/2" 14# K-55 csg @ 4780
w/ 400 sx

TD: 4780'
PBD: 4740'

QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/ray Pumping
915/943-4397

NEMU #61

Status	(POW)
County & State	Lea County, New Mexico
Spud Date:	01/04/77
Completion	02/14/77
Total Depth	4,780' PBTD @ 4,740'
Surface Casing	8 5/8" @ 675' 420 sx TOC: Surface Hole Size: 12 1/4"
Production Casing	5 1/2" @ 4,780' 400 sx TOC: 2,600' Hole Size: 7 7/8"
Tubing Size	2 3/8" @ 4,636'
Perforations	4,696'-4,714' (Old perfs) 4,618', 4,622'-42', 4,647'-59',
Packer Size & Type	
Bridge Plug, If one	

New Mexico Offset Wells

GEORGE L. BUCKLES COMPANY

ELLIOTT - FEDERAL WELL #4
FORMERLY FEDERAL ELLIOTT "U" WELL # 1
(NMOCD # ____, API#)

990' FNL & 1650' FEL
Section 34, T-26-S, R-32-E
NW/4 NE/4 UNIT B
COUNTY: LEE, STATE: NEW MEXICO
EL: 3119'
GL: KB:

SPUD DATE: COMPLETION: PLUGED 11/59

Drilling comments:

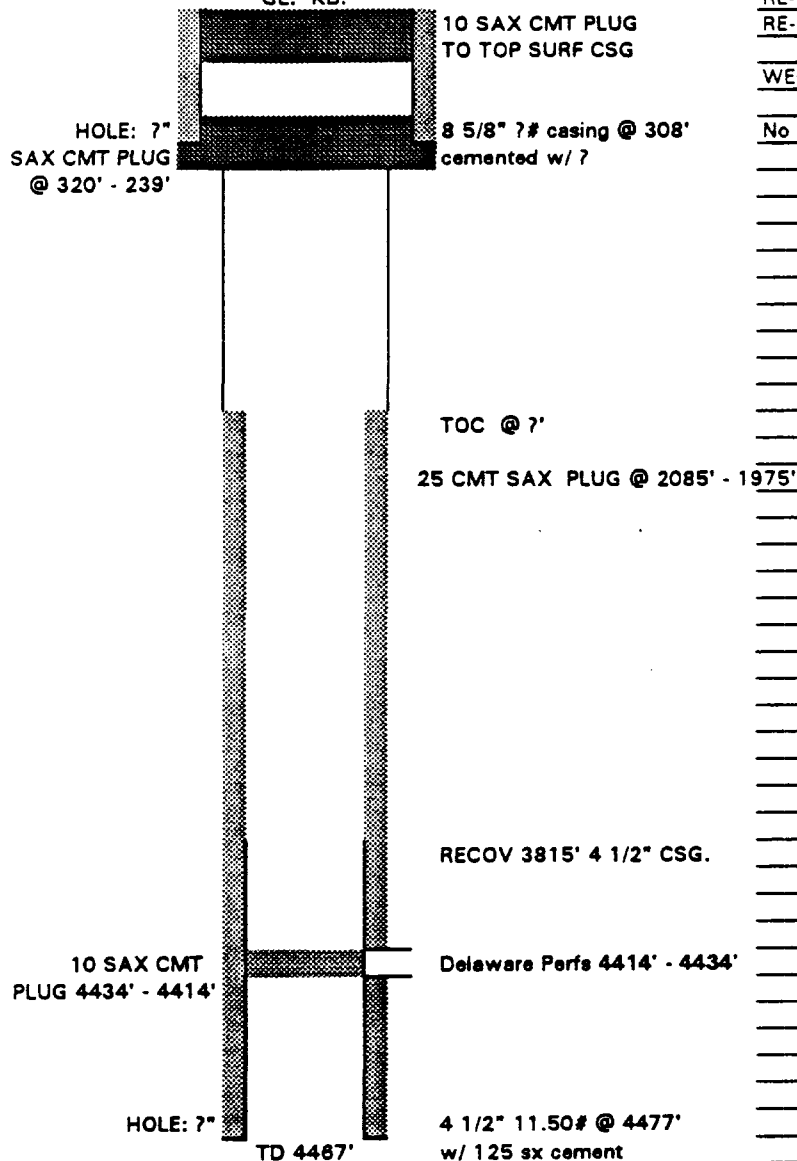
Completion Comments:

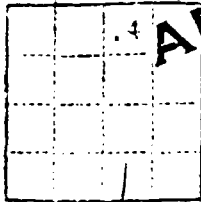
RE- ENTERING COMMENCED 3/25/60

RE- ENTERING FINISHED 3/29/60

WELL PLUGED 10/16/63

No other information available in public records





APPROVED
DEC 13 1963

(SUBMIT IN TRIPLICATE)

E. G. HUBBLE
ACTING DISTRICT ENGINEER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COPY TO O. C. C.
HOBES

Land Office

Lease No. LC-071985

RECEIVED
DEC 13 1963

U. S. GEOLOGICAL SURVEY
MEXICO

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	X
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE OR OTHER DATA)

October 15, 1963

Well No. 1 is located 990 ft. from [N] line and 1,650 ft. from [E] line of sec. 3.

NW 1/4 NE 1/4 Unit 8
(Section and Township)

26-S
(Range)

32-E
(Range)

NMEM
(Municipality)

El Mar-Delaware
(State)

Lee
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is 3,113 ft.

DETAILS OF WORK

(Give a summary of work completed, depths to which work was done, weights and lengths of material used, location of drilling jobs, and all other important proposed work.)

9-10-63 Pumped 10 sacks of cement across perforations from 4,434 to 4,411. Set 4-1/2" casing at 3,315 feet. Set 25-sack cement plug from 2,030 to 1,975 feet. Set 10-sack cement plug from 320 to 269 feet and a 10-sack cement plug in top of surface casing. Placed 4" marker in hole and restored location to original level.

I understand that this plan of work must receive approval in writing by the Geological Survey and its operations in the underground.

Contractor: George L. Buckles Company

Address: P.O. Box 56

Abilene, Texas

By: [Signature] (Contractor)

By: [Signature] (Geological Survey)

MORRIS R. ANTWELL

FEDERAL - LITTLEFIELD "DQ" WELL #1

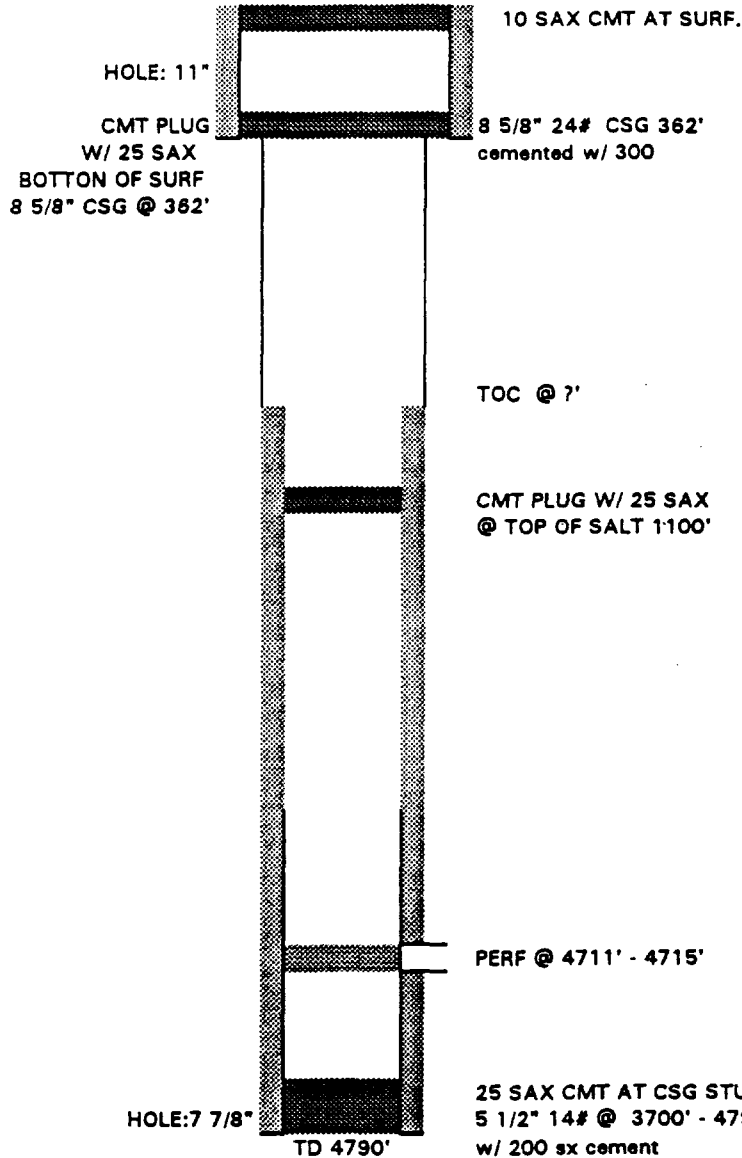
FORMERLY GEORGE L. BUCKLES COMPANY, FEDERAL - LITTLEFIELD "DQ" WELL #1
(NMOCD # _____, API#)

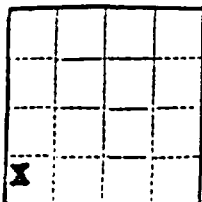
660' FSL & 660' FWL
Section 19, T-26-S, R-33-E
SW 1/4 SW 1/4 UNIT M
COUNTY: LEE, STATE: NEW MEXICO
EL: 3146'
GL: KB:

SPUD DATE: 8/15/59 COMPLETION: 8/28/59
Drilling comments:

Completion Comments:
PLUGGED 1/4/62

No other information available in public records





(SUBMIT IN TRIPLICATE)
E. W. STANLEY
DISTRICT ENGINEER
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Las Cruces**
Lease No. **065860-A**

Unit **Federal-Littlefield**
"DQ"

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	X
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 4, 1962

Well No. 1 is located 660 ft. from N line and 660 ft. from E line of sec. 19

SW/4 Sec. 19 26S 33E N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

El Mar (Delaware) Lea New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3,156 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The above well has been plugged and abandoned in accordance with the notice of intention as follows:

1. Hole loaded with heavy mud.
2. 25 sx. cement placed across perfs 4711-15'.
3. Shot and recovered 3,700' of 5-1/2" casing.
4. 25 sx. cement plug placed at 5-1/2" casing stub.
5. 25 sx. cement plug at top of salt 1100'.
6. 25 sx. cement plug at bottom of surface 8-5/8" at 362'.
7. 10 sx. cement plug with regulation marker in surface.
8. When pits are dried, location will be leveled.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Morris R. Antwell

Address P. O. Box 1058

Hobbs, New Mexico

By Burton Veteto
Burton Veteto
Agent

Title _____

HILL & MEEKER

GULF FEDERAL WELL #2

FORMERLY

(NMOCD # _____, API#)

660' FSL & 2007' FWL
Section 24, T-26-S, R-32-E
SE 1/4 SW 1/4 UNIT N
COUNTY: LEE, STATE: NEW MEXICO
EL: 3143'
GL: KB:

SPUD DATE: 6/30/59 COMPLETION: 7/8/59
Drilling comments:

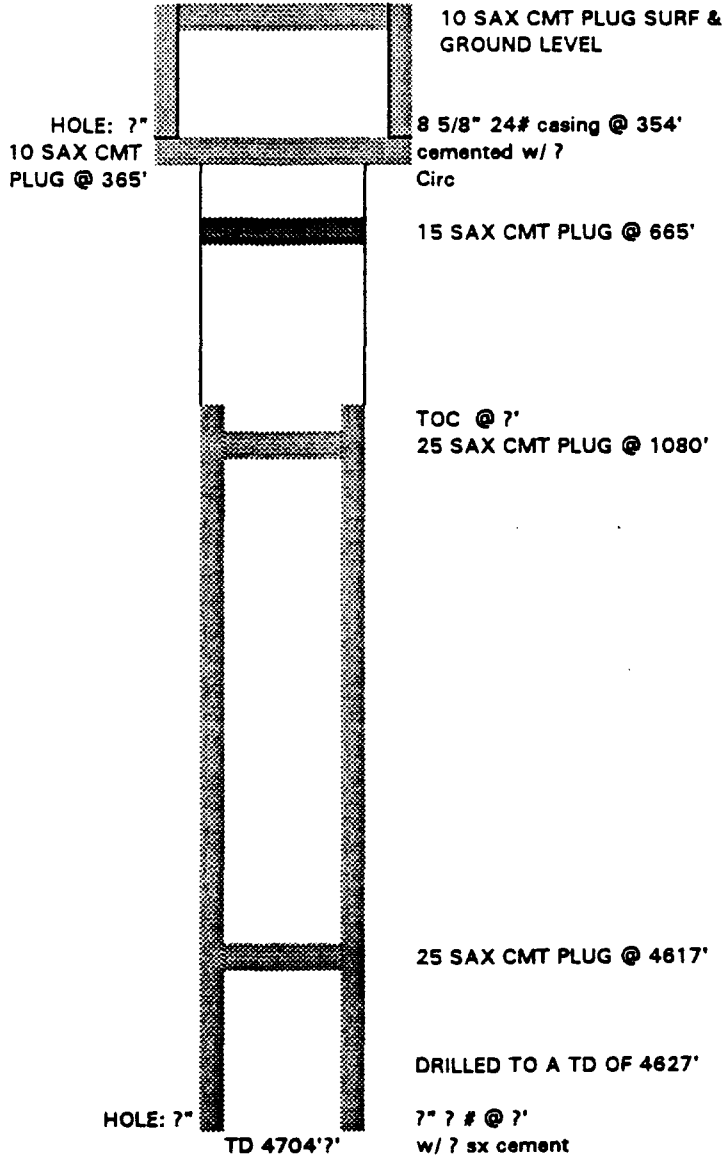
Completion Comments:

PLUGGED 8/59

CORE #1 - 4627' TO 4639', RECOVERED 12'
VERY TIGHT SAND. NO SHOW

CORE #2 - 4639' TO 4704', RECOVERED 65'
VERY TIGHT SAND. NO SHOW

No other information available in public records



Duff Federal
2

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Drilled to a T.D. of 4627'.

Core #1 - 4627 to 4639, recovered 12' very tight sand. No Shows.

Core #2 - 4639 to 4704, recovered 65' very tight sand. No shows.

354' - 8 5/8" 24# casing set at 363' - Left in well. Hole full of mud laden material.

Cement Plugs at:

10 sks at Surface and Ground Level

10 sks at 365'.

15 sks at 665'.

25 sks at 1080'.

25 sks at 4617'.

GEOLOGICAL TOPS:

Red beds 85'

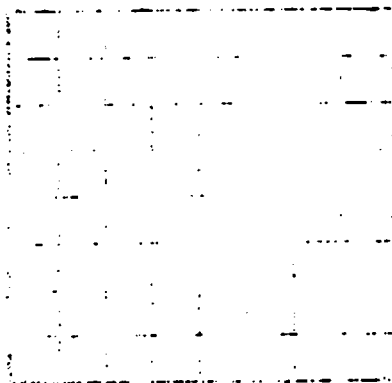
Rustler 665'

Salado 1080'

Castile 3138'

Lamar 4586'

Delaware Sd. 4617'



LOG OR CUT OF WELL

351200

CALIFORNIA OIL FIELD

WELL NO. 1

WELL NO. 1

HILL & MEEKER

GULF FEDERAL WELL #3

FORMERLY

(NMOCD # _____, API#)

1650' FSL & 330' FEL

Section 24, T-26-S, R-32-E

NE 1/4 SE 1/4 UNIT I

COUNTY: LEE, STATE: NEW MEXICO

EL: 3152'

GL: KB:

SPUD DATE: 10/17/59 COMPLETION: 10/25/59

Drilling comments:

Completion Comments:

PLUGED 3/81

CORE #1 - 4706' TO 4767' RECOVERED 61'

LAMINATED SAND

THE TOP 4' HAD SLIGHT SHOWS

No other information available in public records

HOLE: 7"
10 SAX CMT
PLUG @ 360'

10 SAX CMT PLUG SURF &
GROUND LEVEL

cemented w/ ?
Circ

15 SAX CMT PLUG @ 695'

TOC @ ?'

25 SAX CMT PLUG @ 1080'

25 SAX CMT PLUG @ 4710'
TOP OF DELAWARE

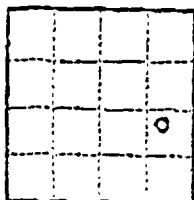
DRILLED TO A TD OF 4706'

HOLE: 7"
TD 4767'

? " ? # @ ?'
w/ ? sx cement

Form 9-332a
(Feb. 1941)

MAR 16 1961

Budget Bureau No. 12-R284
Approval expires 8-11-60E. W. STANDLEY
DISTRICT ENGINEERCOPIES OFFICE COPY
(SUBMIT IN TRIPLICATE)

Las Cruces

Lease No. 065876-A

Unit 77

NOV 3 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	X
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 31, 1959

Well No. 3 is located 1650 ft. from [S] line and 330 ft. from [E] line of sec. 24

NE 1/4 of SE 1/4, Sec. 24

24S

32E

NMPM

Undesignated

Lea

New Mexico

The elevation of the derrick floor above sea level is 3156 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

T. D. 4767: - Well drilled to 4706 - Cored 4706 to 4767 - Recovered 61: laminated sand - The top 4: had slight shows - Prepare to plug & abandon
 Plugged as follows:
 10 sks at top of surface pipe & ground level
 10 sks at 360: bottom of surface casing
 15 sks at 695: top of Rustler
 25 sks at 1080: bottom of Rustler
 25 sks at 4710: Top of Delaware sand.

Hole full of mud laden material - Set 4" marker 4: above surface. Clean location.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company HILL & WEEKER

Address 519 Midland Savings &

Loan Bldg.

Midland, Texas

By

Title Production Clerk

GEORGE L. BUCKLES COMPANY

ELLIOTT - FEDERAL WELL #4
FORMERLY FEDERAL ELLIOTT "U" WELL # 1
(NMOCD # _____, API#)

1666' FSL & 330' FEL
Section 27, T-26-S, R-32-E
NE/4 SE/4 UNIT I
COUNTY: LEE, STATE: NEW MEXICO
EL: 3124'
GL: KB:

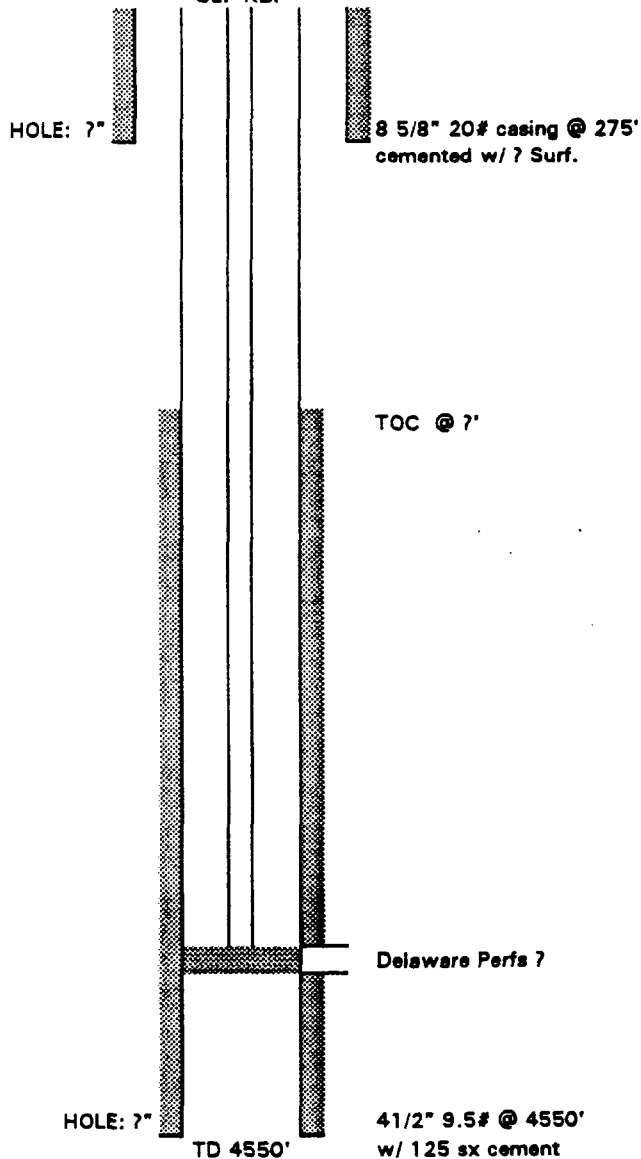
SPUD DATE: 12/15/59 COMPLETION: PLUGGED 12/59

Drilling comments:

Completion Comments:

NO DRILLING OR PLUGING INFO.

No other information available in public records



APPROVED

DEC 10 1959

A. P. KLEEMAN
DISTRICT ENGINEER

BOBBS

(SUBMIT IN TRIPLICATE)

UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-8358-4
Approval expires 12-31-60.

Land Office

Office CCCC 1C 071985

Unit

10 32

DEC 10 1959

U. S. GEOLOGICAL SURVEY
BOBBS, NEW MEXICO

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 9, 1959

Elliott-Federal

Well No. 4 is located 1666 ft. from SW line and 330 ft. from E line of sec. 27

NE 1/4 SE 1/4 Unit I Sec. 27 26-3 32-3 RPM
(1/4 Sec. and 1/4 Sec. No.) (Twp.) (Range) (Meridian)

El Mar-Delaware

Lee

New Mexico

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is 3124 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Proposal is to set 8-5/8" O.D. 20 lb. casing into red bed formation approximately 275 feet and circulate cement to the surface. To drill approximately 100 feet into the Delaware sand to a total depth of 4550 feet. To set 4-1/2" O.D. 9.50 lb. casing at total depth and cement with 125 sacks of cement. Completion will be through perforations opposite Delaware formation after acid and fracture treatment. The well will be rotary cased and logs run. Approximate spudding date will be December 15, 1959 with rotary tools.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company George L. Dickles Company

Address P. O. Box 56

Morham, Texas

By Robert H. Orr (Robert H. Orr)

Title Chief Engineer

QUAY VALLEY, INC.

C-108 REQUIREMENT - VII

PROPOSED OPERATION

1. PROPOSED AVERAGE AND MAXIMUM DAILY RATE AND VOLUME OF FLUIDS TO BE INJECTED:

	DAILY AVERAGE	DAILY MAXIMUM
CO2 RATE	12 MMCF (0.50 MMCF/WELL)	15 MMCF (0.75 MMCF/WELL)
WATER VOLUME	2400 BWPD (100 BWPD/WELL)	4700 BWPD (200 BWPD/WELL)

2. WHETHER THE SYSTEM IS OPEN OR CLOSED: CLOSED.

3. PROPOSED AVERAGE AND MAXIMUM INJECTION PRESSURE:

	INJECTION PRESSURE AVERAGE	MAXIMUM
CO2 RATE	1100 PSI	1160 PSI
WATER VOLUME	500 PSI	530 PSI

4. SOURCES AND AN APPROPRIATE ANALYSIS OF INJECTION FLUID AND COMPATIBILITY WITH THE RECEIVING FORMATION IF OTHER THAN REINJECTED PRODUCED WATER.

WATER: PRODUCED FORMATION WATER

CO2 KINDER-MORGAN ENERGY PARTNERSHIP LP
(EXISTING CO2 PIPELINE)

5. IF INJECTION IS FOR DISPOSAL PURPOSES INTO A ZONE NOT PRODUCTIVE OF OIL OR GAS AT OR WITHIN ONE MILE OF THE PROPOSED WELL, ATTACH A CHEMICAL ANALYSIS OF THE DISPOSAL ZONE FORMATION WATER, (MAY BE MEASURED OR INFERRED FROM EXISTING LITERATURE, STUDIES, NEARBY WELLS, ETC.).

NOT APPLICABLE.

Quay Valley, Inc.

#39 NEMU

(Conoco # 11 Payne Federal)

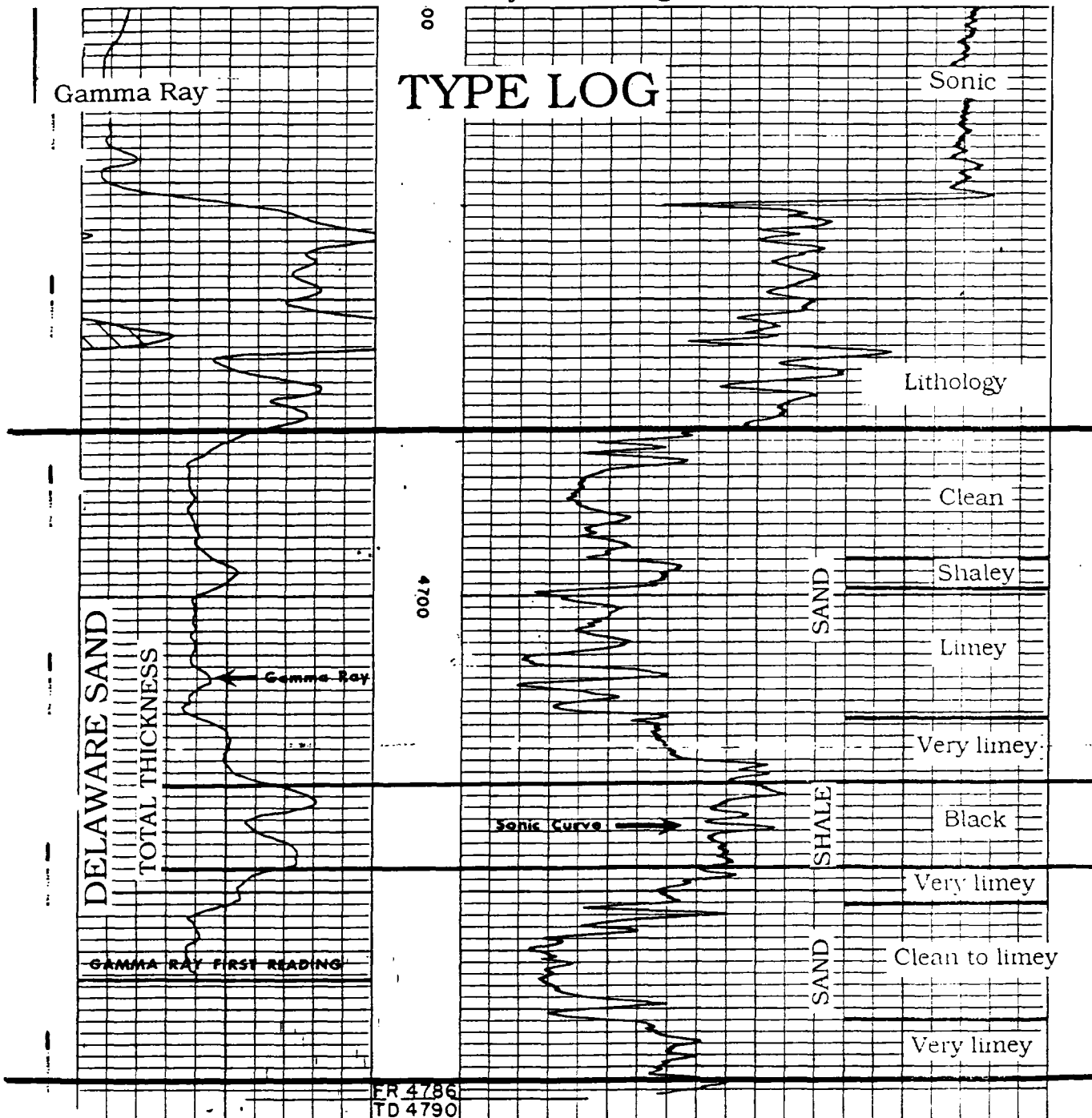
Section 30N, T26S, R33E

KB 3113'

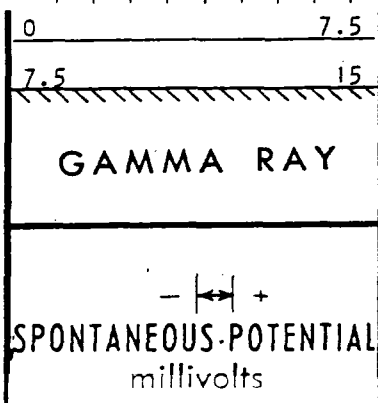
Gamma Ray - Sonic Log

8

TYPE LOG



FR 4786
TD 4790



DEPTHS

100

70

40

INTERVAL TRANSIT TIME
microseconds per foot

← increases →

NEMU UNIT FM

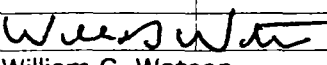
FORM C-108						
VIII GEOLOGIC DATA ON INJECTION ZONE						
NORTH EL MAR UNIT		Lea County, New Mexico				
The injection zone for the North El Mar Unit is known as the Delaware Sand unit.						
The unitized Delaware Sand unit is a sand - shale sequence found near the top of the Bell Canyon Formation and is of Permian age. Its approximate depth is 4600 feet below the surface, and its approximate thickness is 110 feet.						
The unitized Delaware Sand unit was originally defined by Continental Oil Company in their Unit Agreement, dated June 25, 1973, as that interval found between the depths of 4672' and 4782' in the Continental Oil Company Payne No. 11 well, located 1650' FWL and 660' FSL, Section 30, Township 26 South, Range 33 East, on the Gamma Ray Sonic log of said well run on July 21, 1960. A copy of that log is included as our Type Log.						
TYPE LOG FOR UNITIZED DELAWARE SAND						
Lea County	Well Name	KB	Location	Delaware Sand		
Operator		TD		Top	Bottom	Thickness
				Subsea	Subsea	
Quay Valley Inc	#39 NEMU	3113	30N26S33E	4672	4782	110'
(Conoco)	#11 Payne Federal	4786'		-1559	-1669	
INJECTION WELLS						
Quay Valley Inc.	#2 NEMU	3149	24P26S32E	4696	4764	68'
(Hill & Meeker)	#1 Gulf Federal	4790'		-1547	-1615	
Quay Valley Inc	#4 NEMU	3145	30D26S33E	4678	> 4700	22'+
N.G. Penrose	#1 Brown Federal	4704'		-1533	-1555	
Quay Valley Inc.	#6 NEMU	3130	25B26S32E	4644	> 4686	42'+
(Conoco)	#9 Wilder Federal	4696'		-1514	-1556	
Quay Valley Inc.	#8 NEMU	3133	25D26S32E	4629	> 4684	55'+
(Conoco)	#23 Wilder Federal	4684'		-1496	-1551	
Quay Valley Inc.	#10 NEMU	3120	26F26S32E	4518	> 4565	47'+
(Conoco)	# 27 Wilder Federal	4583'		-1398	-1449	
Quay Valley Inc.	#12 NEMU	3121	26H26S32E	4595	> 4652	57'+
(Conoco)	# 21 Wilder Federal	4652'		-1474	-1531	
Quay Valley Inc.	#14 NEMU	3133	25F26S32E	4615	> 4657	42'+
(Conoco)	#6 Wilder Federal	4665'		-1482	-1524	
Quay Valley Inc.	#16 NEMU	3130	25H26S32E	4642	> 4696	54'+
(Conoco)	#10 Wilder Federal	4697'		-1512	-1566	
Quay Valley Inc	#18 NEMU	3137	30F26S33E	4715	> 4831	116'+
(Conoco)	#8 Payne Federal	4830'		-1578	-1694	
Quay Valley Inc	#20 NEMU	3122	30L26S33E	4671	> 4720	49'+
(Conoco)	#3 Payne Federal	4719'		-1549	-1598	
Quay Valley Inc.	#22 NEMU	3122	25J26S32E	4619	> 4720	101'+
(Conoco)	#7 Wilder Federal	4719'		-1497	-1598	

NEMU UNIT FM

FORM C-108 VIII Page 2						
Lea County	Well Name	KB	Location	Delaware Sand		
Operator		TD		Top	Bottom	Thickness
				Subsea	Subsea	
Quay Valley Inc.	#24 NEMU	3118	25L26S32E	4595	> 4644	49'+
(Conoco)	#3 Wilder Federal	4644'		-1477'	-1526'	
Quay Valley Inc.	#26 NEMU	3112	26J26S32E	4538	4628	90'
(Conoco)	# 20 Wilder Federal	4643'		-1426'	-1516'	
Quay Valley Inc.	#28 NEMU	3104	26L26S32E	4490	> 4547	57'+
(Conoco)	# 24 Wilder Federal	4607'		-1386'	-1441'	
Quay Valley Inc.	#29 NEMU	3099	27P26S32E	4457	4520	63'
(GL Buckles)	# 3 Elliott Fed	4550'		-1358'	-1421'	
Quay Valley Inc.	#31 NEMU	3109	26N26S32E	4495	4587	92'
(Conoco)	# 19 Wilder Federal	4641'		-1386'	-1478'	
Quay Valley Inc.	#33 NEMU	3113	26P26S32E	4583	> 4638	55'+
(Conoco)	# 1 Wilder 26 Fed	4640'		-1470'	-1525'	
Quay Valley Inc.	#35 NEMU	3114	25N26S32E	4600	> 4656	56'+
(Conoco)	#2 Wilder Federal	4656'		-1486'	-1538'	
Quay Valley Inc.	#37 NEMU	3118	25P26S32E	4626	> 4675	49'+
(Conoco)	#12 Wilder Federal	4683'		-1508'	-1557'	
Quay Valley Inc.	#39 NEMU	3113	30N26S33E	4672	4782	110'
(Conoco)	#11 Payne Federal	4786'		-1559'	-1669'	
Quay Valley Inc.	#41 NEMU	3105	31D26S33E	4638	> 4738	100'+
(Conoco)	#7 Payne Federal	4742'		-1533'	-1633'	
Quay Valley Inc.	#42 NEMU	3115	36B26S32E	4616	> 4684	68'+
(Hill & Meeker)	#3-36 State	4721'		-1501'	-1569'	
Quay Valley Inc.	#46 NEMU	3108	35B26S32E	4559	> 4606	47'+
(Conoco)	#4 Bradley 35 Fed	4608'		-1451'	-1498'	
Quay Valley Inc.	#48 NEMU	3106	35D26S32E	4472	> 4518	46'+
(Conoco)	#2 Bradley 35 Fed	4523'		-1366'	-1412'	
Quay Valley Inc.	#50 NEMU	3092	34H26S32E	4448	> 4532	84'+
(GL Buckles)	#1 Elliott Fed	4550'		-1356'	-1440'	
Quay Valley Inc.	#51 NEMU	3112	35F26S32E	4506	> 4556	50'+
(Conoco)	#6 Payne Federal	4559'		-1394'	-1444'	
Quay Valley Inc.	#52 NEMU	3097	35H26S32E	4566	> 4614	48'+
(Conoco)	#1 Payne 35 Fed	4620'		-1469'	-1517'	
Quay Valley Inc.	#54 NEMU	3101	36F26S32E	4588	> 4660	72'+
(Hill & Meeker)	#5-36 State	4750'		-1487'	-1559'	

NEMU UNIT FM

FORM C-108 VIII Page 3						
Lea County	Well Name	KB	Location	Delaware Sand		
Operator		TD		Top	Bottom	Thickness
				Subsea	Subsea	
Quay Valley Inc	#57 NEMU	3108	31F26S33E	4656	4763	107'
(Conoco)	#12 Payne Federal	4777'		-1548	-1655	
Quay Valley Inc.	#58 NEMU	3107	36D26S32E	4582	4686	104'
(Conoco)		4750'		-1475	-1579	
Quay Valley Inc.	#62 NEMU	3101	36H26S32E	4614	4718	104'
(Conoco)		4750'		-1513	-1617	
> means greater than						
UNDERGROUND SOURCES OF DRINKING WATER						
(LESS THAN 10,000 MG/L)						
OVERLYING NORTH EL MAR UNIT						
Overlying the North El Mar Unit, underground drinking water is found in the Rustler Formation at between 100 and 200 feet below the surface. There are no water wells within one mile of the North El Mar Unit. The closest water well is the Rattlesnake '28' #1, located in Section 28, T-26-S, R-33-E.						
UNDERLYING NORTH EL MAR UNIT						
Underlying the North El Mar Unit, there are no known sources of drinking water.						

FORM C-108				
XII	FAULTS OR OTHER HYDROLOGIC CONNECTIONS			
I have examined the available geologic and engineering data in the North El Mar Field, and I have found no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.				
				
William G. Watson,				
Consulting Geologist				

QUAY VALLEY, INC.

C-108 REQUIREMENT - X

LOGS: ON FILE AT OCD

FILED WITH EACH WELL AT TIME OF COMPLETION.

Texas Offset Wells

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT #1112
FORMERLY UNION ROYALTY, INC. EL MAR EDLAWARE UNIT #1112
(NMOCD # _____, API# 42-301-00151)

1000' FNL & 2350' FWL
Section 4, BLK.54, T&P SURVEY
County: LOVING, State: TEXAS
EL: 3088' GR
GL: KB:

SPUD DATE: 7/19/61 COMPLETION: 8/30/61
Drilling comments:

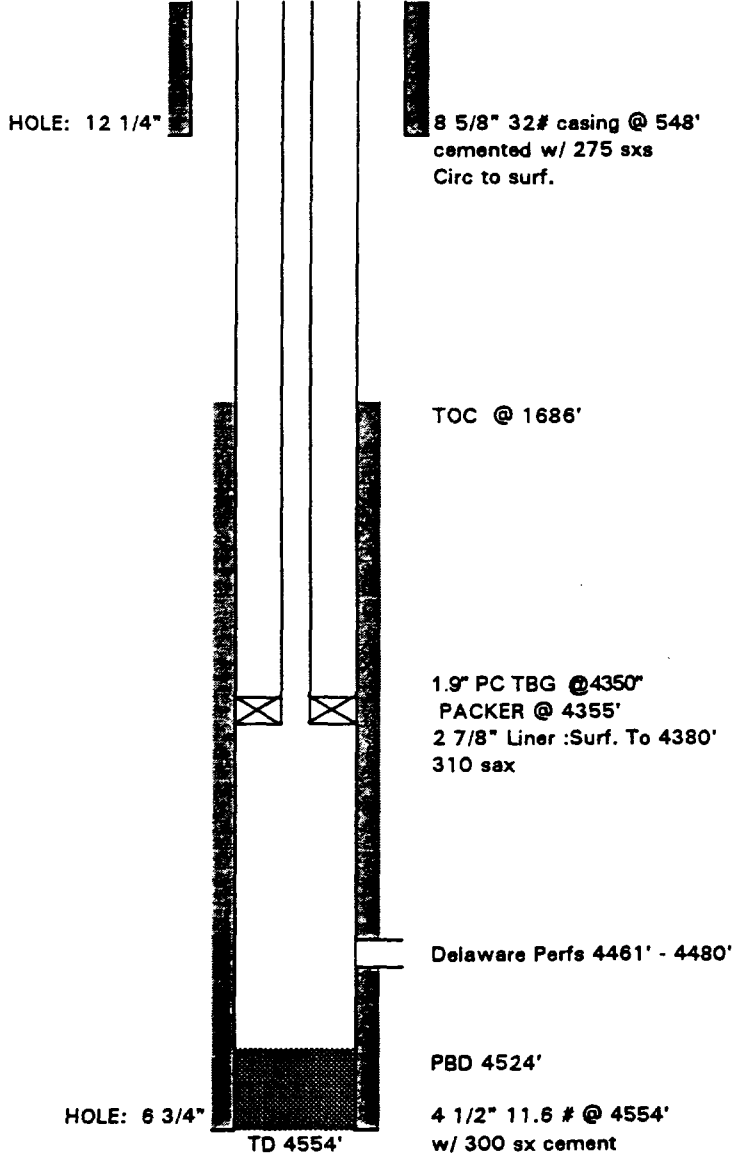
Completion Comments:

Plug back date: 4/11/97

Completed: 4/30/97

Well Type WIW

No other information available in public records



RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Form W-2

Rev. 4/1/83

483-046

Type or print only

ft.

13(A) Exception Data

API No. 42-301-80174

7. RRC District No.

08

8. RRC Lease No.

21246

9. Well No.

1112 WI

Oil Well Potential Test, Completion or Recompletion Report, and Log

1. FIELD NAME (as per RRC Records or Wildcat)

El Mar (Delaware)

2. LEASE NAME

El Mar (Delaware) Unit

3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report)

Union Royalty, Inc.

RRC Operator No.

876825

10. County of well site

Loving

4. ADDRESS

One First City Center, 500 W. Texas, Ste. 1460, Midland, TX 79701

5. If Operator has changed within last 60 days, name former operator

11. Purpose of filing

Initial Potential ☐Retest ☐Reclass ☐Well record only ☒

(explain in Remarks)

6a. Location (Section, Block, and Survey)

Sec. 4, Blk. 54, T&P Survey

6b. Distance and direction to nearest town in this county.

17 mi. S of Mentone, TX

12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no.
FIELD & RESERVOIRGAS ID or
OIL LEASE #Oil - O
Gas - G

WELL NO.

13. Type of electric or other log run

14. Completion or recompletion date

8/30/61

SECTION I: POTENTIAL TEST DATA IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules.

15. Date of test	16. No. of hours tested	17. Production method (Flowing, Gas Lift, Jetting, Pumping— Size & Type of pump)			18. Choke size
19. Production during Test Period	Oil - BBLS	Gas - MCF	Water - BBLS	Gas - Oil Ratio	Flowing Tubing Pressure PSI
20. Calculated 24- Hour Rate	Oil - BBLS	Gas - MCF	Water - BBLS	Oil Gravity—API—60°	Casing Pressure PSI
21. Was swab used during this test? Yes <input type="checkbox"/> No <input type="checkbox"/>		22. Oil produced prior to test (New & Reworked wells)			23. Injection Gas—Oil Ratio

REMARKS:

This well is a shut-in water injection well. W-2 filed to update RRC well record only. Please update delinquent W-10.

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

WELL TESTER'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

T. N. McKnight, Jr.

Typed or printed name of operator's representative

President

Title of Person

915-686-1991

09 / 18 / 89

Telephone: Area Code Number

Date: mo. day year

Signature

SECTION II DATA ON WELL COMPLETION AND LOG (Not Required on Retest)

24. Type of Completion: New Well ☐ Deepening ☐ Plug Back ☐ Other ☐

25. Permit to Drill, Plug Back or Deepen DATE 7/19/61 PERMIT

26. Notice of Intention to Drill this well was filed in Name of Kern County Land Company

27. Number of producing wells on this lease in this field (reservoir) including this well 28. Total number of acres in this lease 9440

29. Date Plug Back, Deepening, WorkOver or Drilling Operations: Commenced Completed 30. Distance to nearest well, Same Lease & Reservoir

25. Permit to Drill, Plug Back or Deepen DATE 7/19/61 PERMIT

Rule 37 Exception

Water Injection Permit

Salt Water Disposal Permit

Other Permit

31. Location of well, relative to nearest lease boundaries of lease on which this well is located Feet From Line and Feet from Line of the Lease

32. Elevation (DF, RKB, RT, GR, ETC.) 3088 (GR) 33. Was directional survey made other than Inclination (Form W-12)? ☐ Yes ☒ No

34. Top of Pay 4461 35. Total Depth 4554 36. P. B. Depth 4524 37. Surface Casing Determined by: Field ☒ Rules Recommendation of T.D.W.R. Railroad Commission (Special) ☐ Dt. of Letter

38. Is well multiple completion? No 39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR GAS ID or OIL LEASE OIL-O Gas-G WELL 40. Intervals Drilled by: Rotary Tools

41. Name of Drilling Contractor 42. Is Cementing Affidavit Attached? ☐ Yes ☒ No

43. CASING RECORD (Report All Strings Set in Well)

CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOLUME cu. ft.
8-5/8	32#	548		225A 50 Neat	12 1/4	Circ	
4-1/2	9.5#	4554		250A 50 Latex	6-3/4		

44. LINER RECORD

Size	TOP	Bottom	Sacks Cement	Screen

45. TUBING RECORD 46. Producing Interval (this completion) indicate depth of perforation or open hole

Size	Depth Set	Packer Set	From	To
2-3/8	4257	4257	From 4461	To 4469
			From	To
			From	To

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Depth Interval	Amount and Kind of Material Used

48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)

Formations	Depth	Formations	Depth
Delaware	4456		

REMARKS Set PKR @ 4257 W/PC TBG. Install wellhead. Converted to water injection. Well tested for future transfer of allowable (10/18/76).

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Form W-2

Rev. 4/1/83

483-048

Type or print only

5-9-91

API No. 42- 301-00151				7. RRC District No. 08	
Oil Well Potential Test, Completion or Recompletion Report, and Log					8. RRC Lease No. 21246
1. FIELD NAME (as per RRC Records or Wildcat) El Mar (Delaware)		2. LEASE NAME El Mar/Delaware/Unit		9. Well No. 1112	
3. OPERATOR'S NAME (Exactly as shown on P-5, Organization Report) Burlington Resources Oil & Gas Company			RRC Operator No. 109338		10. County of well site Loving
4. ADDRESS P.O. Box 51810 Midland, TX 79710-1810					11. Purpose of filing Initial Potential <input type="checkbox"/> Retest <input type="checkbox"/> Reclass <input type="checkbox"/> Well record only <input checked="" type="checkbox"/> (explain in Remarks)
5. If Operator has changed within the last 60 days, name the former operator					
6a. Location (Section, Block, and Survey) 4 54 T & P		6b. Distance and direction to nearest town in this county. 18 miles northeast of Orla, Tx			
12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no. FIELD & RESERVOIR			GAS ID or OIL LEASE #	Oil - O Gas - G	WELL NO.
13. Type of electric or other log run				14. Completion or recompletion date 4/30/97	

SECTION I: POTENTIAL TEST DATA

IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules.

15. Date of test		16. No. of hours tested		17. Production method (Flowing, Gas Lift, Jetting, Pumping - Size & Type of pump)		18. Choke size	
19. Production during Test Period		Oil - BBLS	Gas - MCF	Water - BBLS	Gas - Oil Ratio	Flowing Tubing Pressure PSI	
20. Calculated 24-Hour Rate		Oil - BBLS	Gas - MCF	Water - BBLS	Oil Gravity - API - 60*	Casing Pressure PSI	
21. Was swab used during this test? Yes <input type="checkbox"/> No <input type="checkbox"/>				22. Oil produced prior to test (New & Reworked wells)		23. Injection Gas-Oil Ratio	
REMARKS: Cleaned out, repaired holes in csg w/sqz jobs, and ran 2 7/8" liner							

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

WELL TESTER'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.

Signature: Well Tester

Name of Company

RRC Representative

RECEIVED
R.R.C. OF TEXAS
MAY - 8 1997

OPERATOR'S CERTIFICATION

I declare under the penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Donna Williams

Typed or printed name of operator's representative

915-688-6943

05 / 06 / 97

Telephone: Area Code Number

Date: mo. day year

Regulatory Compliance

Title of Person

Signature

SECTION II DATA ON WELL COMPLETION AND LOG (Not Required on Reset)									
24. Type of Completion New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>					25. Permit to Drill, Plug Back or, Deepen DATE _____ PERMIT N° _____				
26. Notice of Intention to Drill this well was filed in Name of _____					Rule 37 Exception _____ CASE N° _____				
					Water injection Permit 11/30/93 PERMIT N° F-1182				
27. Number of producing wells on this lease in this field (reservoir) including this well _____			28. Total number of acres in this lease 9,440		Salt Water Disposal Permit _____ PERMIT N° _____				
29. Date Plug Back, Deepening, Workover or Drilling Operations: _____		Commenced 4/11/97	Completed 4/30/97	30. Distance to nearest well. Same Lease & Reservoir _____		Other _____ PERMIT N° _____			
31. Location of well, relative to nearest lease boundaries of lease on which this well is located				1000' Feet from North Line and 2350' Feet from West Line of the El Mar/Delaware/Unit Lease					
32. Elevation (DF, RKB, RT, GR, ETC.) _____				33. Was directional survey made other than inclination (W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
34. Top of Pay 4461'	35. Total Depth 4554'	36. P. B. Depth 4524'	37. Surface Casing Determined by: _____	Field Rules <input type="checkbox"/>	Recommendation of T.D.W.R. Railroad Commission (Special) <input type="checkbox"/>		Dt. of Letter _____		
38. Is well multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR _____				GAS ID or OIL LEASE # _____	Oil-O Gas-G _____	WELL # _____	40. Intervals Drilled by: _____ Rotary Tools _____ Cable Tool _____
41. Name of Drilling Contractor Dawson								42. Is Cementing Affidavit Attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
43. CASING RECORD (Report All Strings Set in Well)									
CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.		
8 5/8"	32#	548'		275 SXS	12 1/4"	Surf.			
4 1/2"	11.6#	4554'		300 SXS	6 3/4"	1686'			
44. LINER RECORD									
Size	TOP		Bottom		Sacks Cement		Screen		
2 7/8"	Surf.		4380'		310 SXS				
45. TUBING RECORD									
Size	Depth Set	Packer Set	46. Producing Interval (this completion) Indicate depth of perforation or open hole						
1.9	4350'	4355'	From 4461' To 4480'						
			From _____ To _____						
			From _____ To _____						
			From _____ To _____						
47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
Depth Interval				Amount and Kind of Material Used					
747' - 873'				Sqzd holes w/150 sxs 'C' + 2% CaCl2, Drld out					
4380' - Surface				Ran 2 7/8" liner w/310 sxs cement					

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT #1113

FORMERLY

(NMOCD # _____, API# 42-301-00787)

330' FNL & 1263' FEL

Section 4, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL: 3100' DF

GL: KB: 9'

SPUD DATE: 9/19/59 COMPLETION: 10/7/59

Drilling comments:

Completion Comments:

Well Type POW

No other information available in public records

HOLE: 12 1/4"

8 5/8" 32# casing @ 387'
cemented w/ 150 SAX
Circ / SURF

TOC @ 3450'

2 3/8" tubing 4.7# J-55 @ 7'
SN @ 4480'
PUMP: 2" X 1 1/2" X 12"
RODS: 178 - 3/4"
Delaware Perfs : 4469' - 4476'
4488' - 4500' @ 2JSPP

HOLE: 6 3/4" PBTD: 4574'
TD 4553'

4 1/2" 9.5# J-55 @ 4553'
w/ 150 sx cement

BURLINGTON RESOURCES

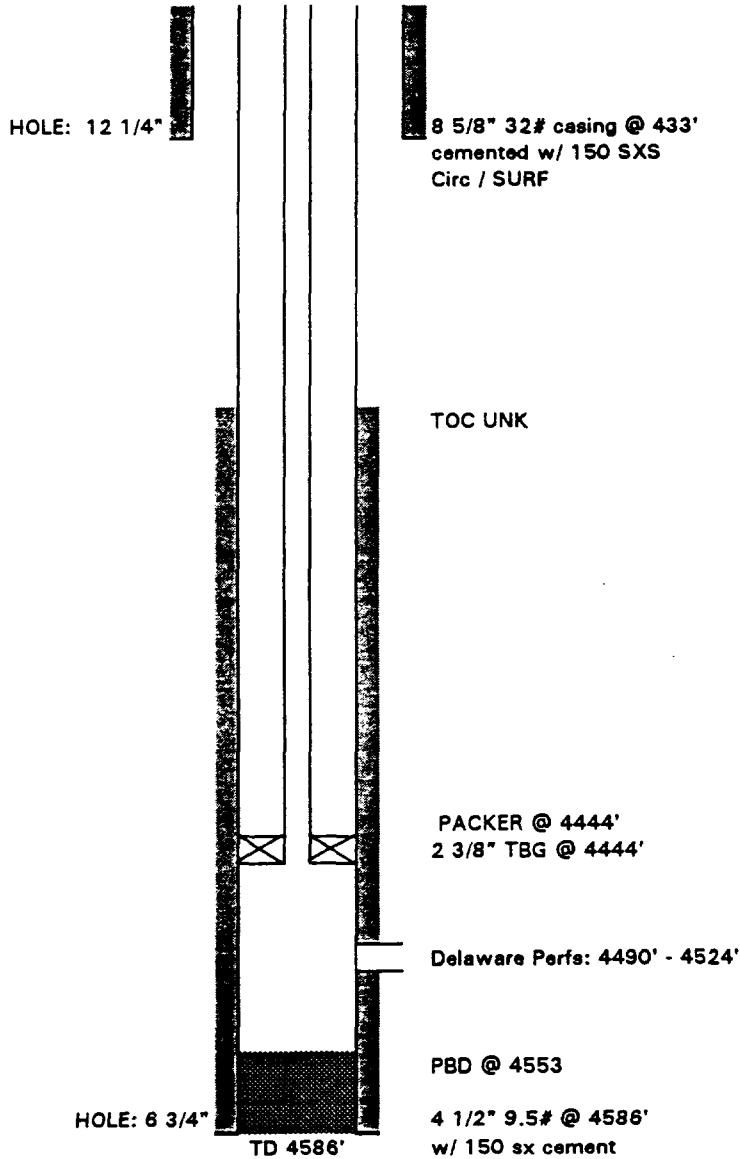
EL MAR/DELAWARE/UNIT #1114W
FORMERLY :MERIDIAN OIL INC. EL MAR DELAWARE #1114W
(NMOCD # ____, API# 42-301-00786)

330' FNL & 330' FEL
SEC. 4, BLK 54 SURVEY T & P RR
County: LOVING, STATE: TEXAS
EL: 3098'
GL: KB:

SPUD DATE: 11/24/59 COMPLETION: 12/7/59
Drilling comments:

Completion Comments:
RECOMPLETION DATE 5/14/96

Well Type WIW
No other information available in public records



Fluid information:

Type or print only

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

4-1-97

Form W-2

Rev. 4/1/83

483-046

API No. 42-301-00786				7. RRC District No. 08	
Oil Well Potential Test, Completion or Recompletion Report, and Log				8. RRC Lease No. 21246	
1. FIELD NAME (as per RRC Records or Wildcat) El Mar (Delaware)		2. LEASE NAME El Mar/Delaware/Unit		9. Well No. 1114 W	
3. OPERATOR'S NAME (Exactly as shown on P-5, Organization Report) Meridian Oil Inc. <i>Burlington Resources Oil Co.</i>		RRC Operator No. 561132 109338		10. County of well site Loving	
4. ADDRESS P.O. Box 51810, Midland, TX 79710-1810				11. Purpose of filing Initial Potential <input type="checkbox"/> Retest <input type="checkbox"/> Reclass <input checked="" type="checkbox"/> Well record only <input checked="" type="checkbox"/> (explain in Remarks)	
5. If Operator has changed within the last 60 days, name the former operator					
6a. Location (Section, Block, and Survey) 4 54 T & P RR		6b. Distance and direction to nearest town in this county. 20 miles north of Mentone			
12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no. FIELD & RESERVOIR		GAS ID or OIL LEASE #		Oil - O Gas - G WELL NO.	
13. Type of electric or other log run				14. Completion or recompletion date 5/14/96	

SECTION I: POTENTIAL TEST DATA

IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules.

15. Date of test	16. No. of hours tested	17. Production method (Flowing, Gas Lift, Jetting, Pumping - Size & Type of pump)		18. Choke size	
19. Production during Test Period	Oil - BBLS	Gas - MCF	Water - BBLS	Gas - Oil Ratio	Flowing Tubing Pressure PSI
20. Calculated 24-Hour Rate	Oil - BBLS	Gas - MCF	Water - BBLS	Oil Gravity - API - 60°	Casing Pressure PSI
21. Was swab used during this test? Yes <input type="checkbox"/> No <input type="checkbox"/>		22. Oil produced prior to test (New & Reworked wells)		23. Injection Gas-Oil Ratio	

REMARKS:

Cleaned out, restimulated, and returned to injection.

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

WELL TESTER'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.

Signature: Well Tester

Name of Company

RRC Representative

RECEIVED
R.R.C. OF TEXAS
MAY 17 1996
O.G. TEXAS
MIDLAND, TEXAS

OPERATOR'S CERTIFICATION

I declare under the penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Donna Williams

Typed or printed name of operator's representative

5-688-6943

Telephone: Area Code Number

Date: 05 / 16 / 96

mo. day year

Regulatory Compliance

Title of Person

Signature

SECTION II										DATA ON WELL COMPLETION AND LOG (Not Required on Reset)													
24. Type of Completion New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>										25. Permit to Drill, Plug Back or Deepen DATE _____ PERMIT NO. _____ Rule 37 _____ CASE NO. _____ Exception _____ Water Injection Permit 11/30/93 PERMIT NO. F-1182 Salt Water Disposal Permit _____ PERMIT NO. _____ Other _____ PERMIT NO. _____													
26. Notice of Intention to Drill this well was filed in Name of _____																							
27. Number of producing wells on this lease in this field (reservoir) including this well					28. Total number of acres in this lease <div style="text-align: center; font-size: 1.2em;">9.440</div>																		
29. Date Plug Back, Deepening, Workover or Drilling Operations: _____					Commenced 5/8/96		Completed 5/14/96		30. Distance to nearest well. Same Lease & Reservoir _____														
31. Location of well, relative to nearest lease boundaries of lease on which this well is located										330' Feet from North Line and 330' Feet from East Line of the El Mar/Delaware/Unit Lease													
32. Elevation (DF, RKB, RT, GR, ETC) 3098'										33. Was directional survey made other than inclination (W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No													
34. Top of Pay 4490'		35. Total Depth 4586'		36. P. B. Depth 4553'		37. Surface Casing Determined by _____		Field Rules <input type="checkbox"/>		Recommendation of T.D.W.R. Railroad Commission (Special) <input type="checkbox"/>		Dt. of Letter _____		Dt. of Letter _____									
38. Is well multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. <div style="text-align: center;">FIELD & RESERVOIR</div>										GAS ID or OIL LEASE # _____		Oil-O Gas-G _____		WELL # _____		40. Intervals Drilled by: _____		Rotary Tools _____		Cable Tools _____	
41. Name of Drilling Contractor <div style="text-align: center;">Pride</div>										42. Is Cementing Affidavit Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No													
43. CASING RECORD (Report All Strings Set in Well)																							
CASING SIZE		WT #/FT.		DEPTH SET		MULTISTAGE TOOL DEPTH		TYPE & AMOUNT CEMENT (sacks)		HOLE SIZE		TOP OF CEMENT		SLURRY VOL. cu. ft.									
8 5/8"		32#		433'				150 SXS		12 1/4"		Circ.		Unk.									
4 1/2"		9.5#		4586'				150 SXS		6 3/4"		Unk.		Unk.									
44. LINER RECORD																							
Size		TOP				Bottom				Sacks Cement				Screen									
45. TUBING RECORD																							
Size		Depth Set				Packer Set				46. Producing Interval (this completion) Indicate depth of perforation or open hole													
										From 4490' To 4524'													
2 3/8"		4444'				4444'				From _____ To _____													
										From _____ To _____													
										From _____ To _____													
47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																							
Depth Interval										Amount and Kind of Material Used													
4490' - 4524'										A w/2000 gls 155 Fercheck HCL acid + 1000 gls gelled brine													
48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)																							
Formations					Depth					Formations					Depth								

REMARKS: Cleaned out, restimulated, and returned to injection

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT # 1123

FORMERLY UNK

(NMOCD # _____, API# 42-301-00785)

1650' FNL & 990' FEL

Section 4, BLK 54, SURVEY T&P

County: LOVING, STATE: TEXAS

EL:

GL: KB:

SPUD DATE: 9/26/59 COMPLETION: 10/1/59

Drilling comments:

Completion Comments:

Well Type POW

No other information available in public records

HOLE: 11"

8 5/8" 32# casing @ 493'
cemented w/ 150
Circ

TOC @ 3485'

2 3/8" @ 4513'

Delaware Perfs @ 4490' - 4520'

PBD @ 4548'

HOLE: 6 3/4"

TD 4572'

4 1/2" 9.5 # @ 4572'
w/ 150 sx cement

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

3-21-97

Form W-2

Rev. 4/1/83

483-048

Type or print only

API No. 42-42-301-00785

7. RRC District No.
08

Oil Well Potential Test, Completion or Recompletion Report, and Log

8. RRC Lease No.
21246

1. FIELD NAME (as per RRC Records or Wildcat)

El Mar (Delaware)

2. LEASE NAME

El Mar/Delaware/Unit

9. Well No.

1123

3. OPERATOR'S NAME (Exactly as shown on P-5, Organization Report)

Burlington Resources Oil & Gas Company

RRC Operator No.

109338

10. County of well site

Loving

4. ADDRESS

P.O. Box 51810 Midland, TX 79710-1810

11. Purpose of filing

Initial Potential ☐Retest ☒Reclass ☐Well record only ☒
(explain in Remarks)

5. If Operator has changed within the last 60 days, name the former operator

6a. Location (Section, Block, and Survey)

4 54 T & P

6b. Distance and direction to nearest town in this county.

18 miles northwest of Mentone

12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no.
FIELD & RESERVOIRGAS ID or
OIL LEASE #Oil - O
Gas - G

WELL NO.

13. Type of electric or other log run

14. Completion or recompletion date

1/22/97

SECTION I: POTENTIAL TEST DATA

IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules.

15. Date of test 1/23/97	16. No. of hours tested 24	17. Production method (Flowing, Gas Lift, Jetting, Pumping - Size & Type of pump) pumping			18. Choke size
19. Production during Test Period	Oil - BBLS 4	Gas - MCF 57	Water - BBLS 35	Gas - Oil Ratio	Flowing Tubing Pressure 85 PSI
20. Calculated 24- Hour Rate	Oil - BBLS	Gas - MCF	Water - BBLS	Oil Gravity - API - 60° 41.3	Casing Pressure PSI
21. Was swab used during this test? Yes <input type="checkbox"/> No <input type="checkbox"/>		22. Oil produced prior to test (New & Reworked wells)			23. Injection Gas-Oil Ratio

REMARKS: Clean out, reacidize, and return to production

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

WELL TESTER'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

I declare under the penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me under my supervision and direction, and that data and facts stated herein are true, correct, and complete, to the best of my knowledge.

Donna Williams

Typed or printed name of operator's representative

915-688-6943

Telephone: Area Code Number

Date: 03 / 18 / 97
mo. day year

Regulatory Compliance

Title of Person

Signature

REC'D
MAR 19 1997
MIDLAND, TEXAS

SECTION II DATA ON WELL COMPLETION AND LOG (Not Required on Reset)									
24. Type of Completion New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>					25. Permit to Drill, Plug Back or, Deepen DATE _____ PERMIT NO. _____ Rule 37 _____ CASE NO. _____ Exception _____ Water Injection Permit _____ PERMIT NO. _____ Salt Water Disposal Permit _____ PERMIT NO. _____ Other _____ PERMIT NO. _____				
26. Notice of Intention to Drill this well was filed in Name of _____					27. Number of producing wells on this lease in this field (reservoir) including this well _____				
28. Total number of acres in this lease <div style="text-align: center; font-weight: bold;">9,440</div>					29. Date Plug Back, Deepening, Workover or Drilling Operations: _____ Commenced _____ Completed _____				
30. Distance to nearest well. Same Lease & Reservoir _____					31. Location of well, relative to nearest lease boundaries of lease on which this well is located <div style="display: flex; justify-content: space-between;"> 1650' Feet from North Line and 990' Feet from </div> <div style="display: flex; justify-content: space-between;"> East Line of the El Mar/Delaware/Unit </div>				
32. Elevation (DF, RKB, RT, GR, ETC.) _____					33. Was directional survey made other than inclination (W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
34. Top of Pay 4490'		35. Total Depth 4572'		36. P. B. Depth 4548'		37. Surface Casing Determined by: Field Rules <input type="checkbox"/> Recommendation of T. D. W. R. Railroad Commission (Special) <input type="checkbox"/>		Dt. of Letter _____ Dt. of Letter _____	
38. Is well multiple completion? <input type="checkbox"/> Yes <input type="checkbox"/> No		39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. <div style="text-align: center; font-weight: bold;">FIELD & RESERVOIR</div>					40. Intervals Drilled by: _____ Rotary Tools _____ Cable Tools _____		
41. Name of Drilling Contractor Yale E. Key		42. Is Cementing Affidavit Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					43. CASING RECORD (Report All Strings Set in Well)		
CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.		
8 5/8"	32#	493'			11"	Surf.			
4 1/2"	9.5#	4572'			6 3/4"	3485'			
44. LINER RECORD									
Size	TOP		Bottom		Sacks Cement		Screen		
45. TUBING RECORD									
Size	Depth Set	Packer Set	46. Producing Interval (this completion) Indicate depth of perforation or open hole						
2 3/8"	4513'		From 4490' - 4520' To _____						
			From _____ To _____						
			From _____ To _____						
			From _____ To _____						
47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
Depth Interval					Amount and Kind of Material Used				
400' - 436'					Sqzcd hole in csq w/300 sxs 'C' neat + 4% CaCl2				
4490' - 4520'					A w/3000 gls 15% HV-60 + 500# rock salt				
48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)									
Formations	Depth		Formations	Depth					

REMARKS Cleaned out, squeezed hole, reacidized, & returned to production

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT #1211

FORMERLY

(NMOCD # _____, API# 42-301-00393)

664' FNL & 660' FWL

Section 3, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL: 3085'

GL: KB: 10'

SPUD DATE: 10/10/59 COMPLETION: 10/20/59

Drilling comments:

Completion Comments:

Well Type POW

No other information available in public records

HOLE: 12 1/4"

8 5/8" 24# J-55 casing @ 532'
cemented w/ 250
Circ/SURF

TOC @ 3555'

PUMP: 2" X 1 1/2" X 12'
RODS: 161 - 3/4"
2 3/8" tubing @ 7'

Delaware Perfs :4512' - 4534'
4540' - 4550'

HOLE: 6 3/4" PBTD: 4574'
TD 4608'

4 1/2" 9.5 # J-55 @ 4609'
w/ 180 sx cement

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT # 1212W
FORMERLY UNION ROYALTY, INC, UNIT #1212W
(NMOCD # _____, API# 42-301-00394)

664' FNL & 1980' FWL
Section 3, BLK 54, T & P RR
County: LOVING, STATE: TEXAS
EL:
GL: KB: 10.2'

SPUD DATE: 10/22/59 COMPLETION: 11/9/59

Drilling comments:

Completion Comments:

Well Type WIW

No other information available in public records

HOLE: 12 1/4"

8 5/8" 24# J-55 casing @ 528'
cemented w/ 250
Circ TO SURF

TOC @ 3810'

2 3/8" tubing @ 4437'

PACKER @ 4440'

Delaware Perfs @ 4500' - 4650'

HOLE: 6 3/4" PBTD: 4629'
TD 4665'

4 1/2" 9.5 # @ 4664'
w/ 130 sx cement

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Type or print only

Form W-2

Rev. 4/1/83

483-046

Surface casing

3 14 94

API No. 42-301-00394

7. RRC District No.

08

8. RRC Lease No.

21246

Oil Well Potential Test, Completion or Recompletion Report, and Log

1. FIELD NAME (as per RRC Records or Wildcat)

El Mar (Delaware)

2. LEASE NAME

El Mar/Delaware/Unit

9. Well No.

1212W

3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report)

Union Royalty, Inc.

RRC Operator No.

876825

10. County of well site

Loving

4. ADDRESS

500 W. Texas, Suite 1460, Midland, TX 79701

11. Purpose of filing

Initial Potential ☐Retest ☐Reclass ☒Well record only ☒

(explain in Remarks)

5. If Operator has changed within last 60 days, name former operator

6a. Location (Section, Block, and Survey)

Sec. 3, Blk. 54, T&P RR

6b. Distance and direction to nearest town in this county.

20 Miles North of Mentone

12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no
FIELD & RESERVOIR

El Mar--(Delaware) Sand

GAS ID or
OIL LEASE #OIL - O
Gas - G

WELL NO.

13. Type of electric or other log run

14. Completion or recompletion date

2/7/94

SECTION I: POTENTIAL TEST DATA IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules.

15. Date of test	16. No. of hours tested	17. Production method (Flowing, Gas Lift, Jetting, Pumping— Size & Type of pump)			18. Choke size
19. Production during Test Period	Oil - BBLS	Gas - MCF	Water - BBLS	Gas - Oil Ratio	Flowing Tubing Pressure PSI
20. Calculated 24- Hour Rate	Oil - BBLS	Gas - MCF	Water - BBLS	Oil Gravity—API—60°	Casing Pressure PSI
21. Was swab used during this test? Yes <input type="checkbox"/> No <input type="checkbox"/>		22. Oil produced prior to test (New & Reworked wells)			23. Injection Gas—Oil Ratio

REMARKS:

Reclass from 14 (b)(2) to active injector

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

WELL TESTER'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

T. N. McKnight, Jr.

President

Typed or printed name of operator's representative

Title of Person

(914) 686-1991

03 / 04 / 94

Telephone: Area Code Number

Date: mo. day year

Signature

SECTION II

DATA ON WELL COMPLETION AND LOG (Not Required on Retest)

24. Type of Completion: New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>				25. Permit to Drill, Plug Back or Deepen Rule 37 Exception Water Injection Permit Salt Water Disposal Permit Other		DATE PERMIT NO. CASE NO. PERMIT NO. F 1182 PERMIT NO. PERMIT NO.
26. Notice of Intention to Drill (this well was filed in Name of				27. Number of producing wells on this lease in this field (reservoir) including this well 28. Total number of acres in this lease		
29. Date Plug Back, Deepening, WorkOver or Drilling Operations:		Commenced	Completed	30. Distance to nearest well. Same Lease & Reservoir		
31. Location of well, relative to nearest lease boundaries of lease on which this well is located				Feet From Line and Feet from Lease Line of the		
32. Elevation (DF, RKB, RT, GR, ETC.)				33. Was directional survey made other than inclination (Form W-12)? <input type="checkbox"/> Yes <input type="checkbox"/> No		
34. Top of Pay	35. Total Depth 4665	36. P. B. Depth	37. Surface Casing Determined by: Field <input type="checkbox"/> Rules <input type="checkbox"/>		Recommendation of T.D.W.R. Railroad Commission (Special) <input type="checkbox"/>	
38. Is well multiple completion?		39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR			40. Intervals Drilled by: Rotary Tools Cable Tools	
41. Name of Drilling Contractor		42. Is Cementing Affidavit Attached? <input type="checkbox"/> Yes <input type="checkbox"/> No			Dt. of Letter Dt. of Letter	

43. CASING RECORD (Report All Strings Set in Well)

CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.
8 5/8	24#	528		Unknown 250	12 1/4	Surf.	Unknown
4 1/2	9.5#	4664		Unknown 130	6 3/4	3810	Unknown

44. LINER RECORD

Size	TOP	Bottom	Sacks Cement	Screen

45. TUBING RECORD

Size	Depth Set	Packer Set	From	To
2 3/8	4437	4440	4500	4650

46. Producing Interval (this completion) Indicate depth of perforation or open hole

From	To
4500	4650

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Depth Interval	Amount and Kind of Material Used

48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)

Formations	Depth	Formations	Depth

REMARKS

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT #1213

FORMERLY: MERIDIAN OIL INC.

(NMOCD # _____, API# 42-301-80188)

664' FNL & 1980' FEL

Section 3, BLK. 54, T & P RR

County: LOVING, STATE: TEXAS

EL:

GL: KB:

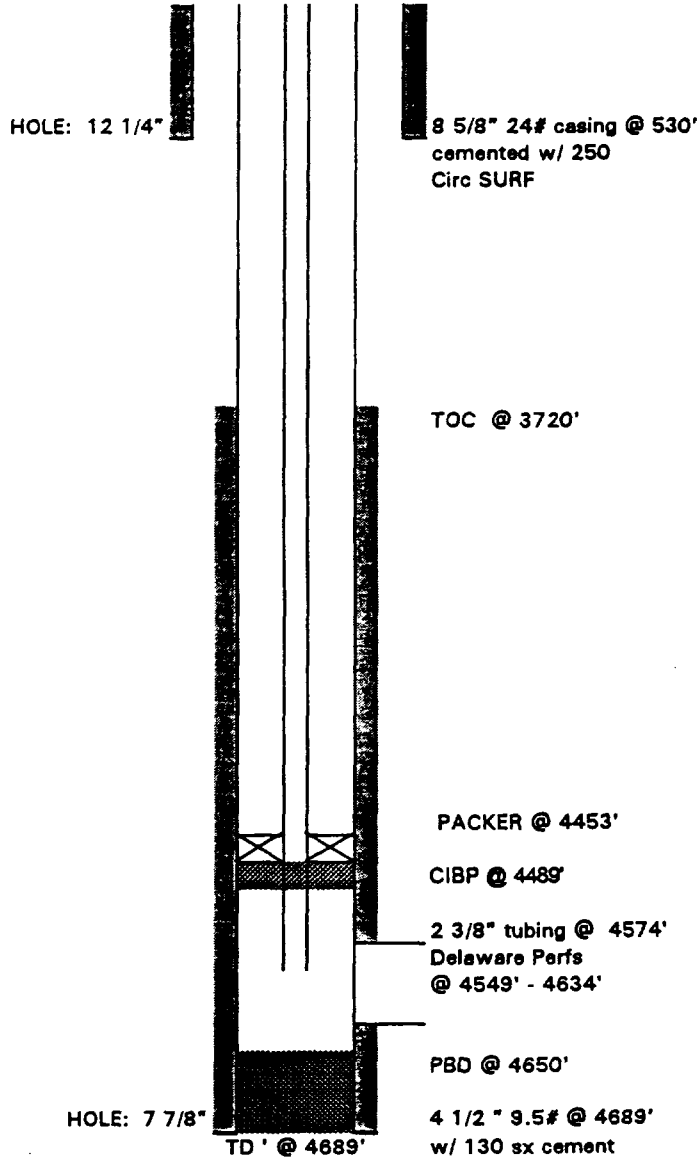
SPUD DATE: 8/31/59 COMPLETION: 9/11/59

Drilling comments:

Completion Comments:

Well Type POW

No other information available in public records



FL MAR

Type or print only

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division
1-23-96

Form W-2

Rev. 4/1/83

483-046

API No. 42-301-80188				7. RRC District No. 08	
Oil Well Potential Test, Completion or Recompletion Report, and Log					
1. FIELD NAME (as per RRC Records or Wildcat) El Mar (Delaware)		2. LEASE NAME El Mar/Delaware/Unit		8. RRC Lease No. 21246	
3. OPERATOR'S NAME (Exactly as shown on P-5, Organization Report) Burlington Resources Oil & Gas Company			RRC Operator No. 109338		9. Well No. 1213
4. ADDRESS P.O. Box 51810, Midland, TX 79710-1810					11. Purpose of filing Initial Potential <input checked="" type="checkbox"/> Retest <input checked="" type="checkbox"/> Reclass <input type="checkbox"/> Well record only <input checked="" type="checkbox"/> (explain in Remarks)
5. If Operator has changed within the last 60 days, name the former operator Meridian Oil Inc. (561132)					
6a. Location (Section, Block, and Survey) 3 54 T & P RR		6b. Distance and direction to nearest town in this county. 18 miles northwest of Mentone			
12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no. FIELD & RESERVOIR		GAS ID or OIL LEASE #		Oil - O Gas - G	WELL NO.
13. Type of electric or other log run				14. Completion or recompletion date 7/10/96	

SECTION I: POTENTIAL TEST DATA IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules.

15. Date of test 8/26/96	16. No. of hours tested 24	17. Production method (Flowing, Gas Lift, Jetting, Pumping - Size & Type of pump) pmp 2"x1.5"x24'		18. Choke size	
19. Production during Test Period Oil - BBLS 1	Gas - MCF 0	Water - BBLS 250	Gas - Oil Ratio N/A	Flowing Tubing Pressure 100 PSI	
20. Calculated 24-Hour Rate Oil - BBLS	Gas - MCF	Water - BBLS	Oil Gravity - API - 60°	Casing Pressure 70 PSI	
21. Was swab used during this test? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		22. Oil produced prior to test (New & Reworked wells) None		23. Injection Gas-Oil Ratio	

REMARKS:

Cleaned out wellbore and returned to production.

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

WELL TESTER'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data above is true, correct, and complete, to the best of my knowledge.

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

I declare under the penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

nna Williams

Typed or printed name of operator's representative

915-688-6943

Telephone: Area Code Number

08 / 30 / 96

Date: mo. day year

Regulatory Compliance

Title of Person

Signature

SECTION II DATA ON WELL COMPLETION AND LOG (Not Required on Reset)																												
24. Type of Completion <div style="display: flex; justify-content: space-between; font-size: small;"> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input checked="" type="checkbox"/> </div>					25. Permit to Drill, Plug Back or, Deepen <div style="display: flex; justify-content: space-between; font-size: small;"> Rule 37 CASE NO. </div>		DATE			PERMIT NO.																		
26. Notice of Intention to Drill this well was filed in Name of					Exception		PERMIT NO.																					
27. Number of producing wells on this lease in this field (reservoir) including this well					Water Injection Permit		PERMIT NO.																					
28. Total number of acres in this lease <div style="text-align: center; font-size: large;">9,440</div>					Salt Water Disposal Permit		PERMIT NO.																					
29. Date Plug Back, Deepening, Workover or Drilling Operations: <div style="display: flex; justify-content: space-around; font-size: small;"> Commenced 6/29/96 Completed 7/10/96 </div>					30. Distance to nearest well. Same Lease & Reservoir		Other PERMIT NO.																					
31. Location of well, relative to nearest lease boundaries of lease on which this well is located					664' Feet from North East Line of the El Mar/Delaware/Unit		1980' Feet from Lease																					
32. Elevation (DF, RKB, RT, GR, ETC.)					33. Was directional survey made other than inclination (W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																							
34. Top of Pay 4549'		35. Total Depth 4689'		36. P. B. Depth 4650'		37. Surface Casing Determined by: Field <input type="checkbox"/> Railroad <input type="checkbox"/>		Recommendation of T.D.W.R. Railroad Commission (Special) <input type="checkbox"/>		Dt. of Letter																		
38. Is well multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>FIELD & RESERVOIR</th> <th>GAS ID or OIL LEASE #</th> <th>Oil-O Gas-G</th> <th>WELL #</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>					FIELD & RESERVOIR	GAS ID or OIL LEASE #	Oil-O Gas-G	WELL #													40. Intervals Drilled by:		Rotary Tools		Cable Tools	
FIELD & RESERVOIR	GAS ID or OIL LEASE #	Oil-O Gas-G	WELL #																									
41. Name of Drilling Contractor Pride					42. Is Cementing Affidavit Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																							
43. CASING RECORD (Report All Strings Set in Well)																												
CASING SIZE		WT #/FT.		DEPTH SET		MULTISTAGE TOOL DEPTH		TYPE & AMOUNT CEMENT (sacks)		HOLE SIZE																		
3 5/8"		24#		530'				Unk sxs		12 1/4"																		
4 1/2"		9.5#		4689'				Unk sxs		7 7/8"																		

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT # 1214W

FORMERLY UNION ROYALTY, INC

(NMOCD # _____, API# 42-310-00388)

664' FNL & 660' FEL

Section 3, BLK. 54, T & P RR

County: LOVING, STATE: TEXAS

EL:

GL: KB:

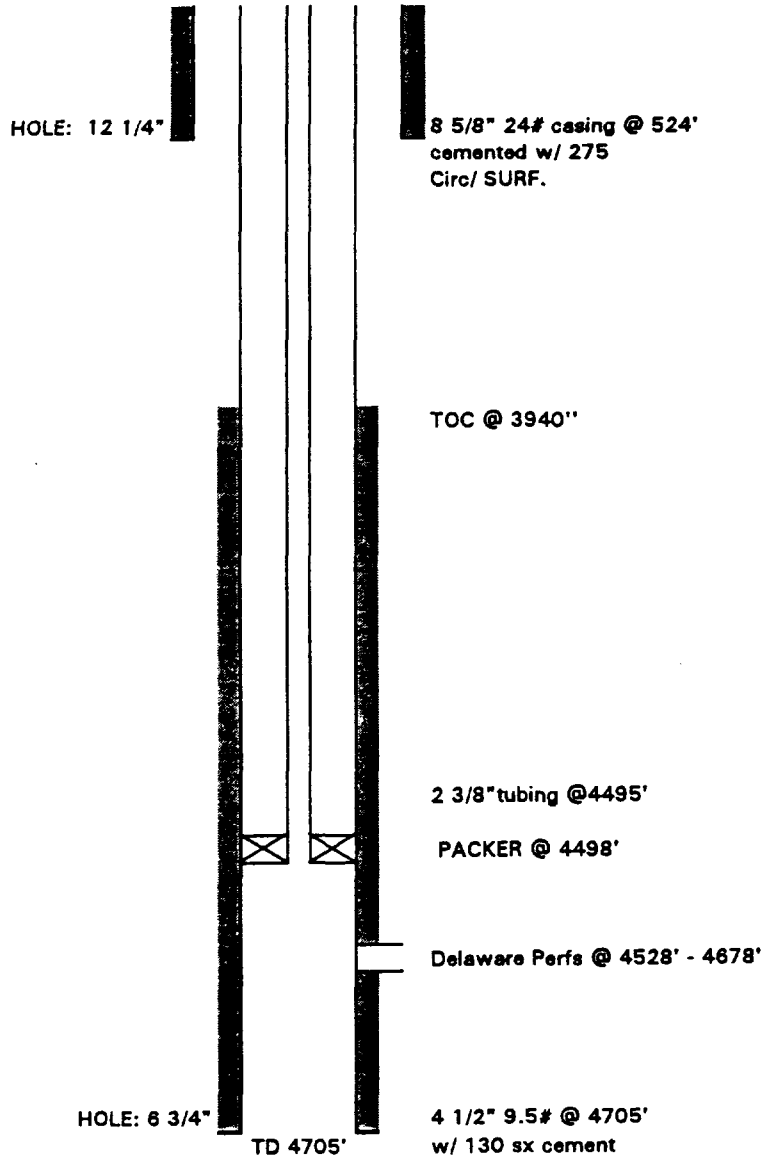
SPUD DATE: 8/17/59 COMPLETION: 9/3/59

Drilling comments:

Completion Comments:

Well Type TA (INJ)

No other information available in public records



RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Type or print only

Form W-2

Rev. 4/1/83

483-046

13(A) Underflow Control

3. FIELD NAME (as per RRC Records or Wildcat) El Mar (Delaware)				2. LEASE NAME El Mar/Delaware/Unit		7. RRC District No. 08	
3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report) Union Royalty, Inc.				RRC Operator No. 876825		8. RRC Lease No. 21246	
4. ADDRESS 500 W. Texas, Suite 1460, Midland, TX 79701						9. Well No. 1214W	
5. If Operator has changed within last 60 days, name former operator						10. County of well site Loving	
6a. Location (Section, Block, and Survey) Sec. 3, Blk. 54, T&P RR				6b. Distance and direction to nearest town in this county. 20 Miles North of Mentone		11. Purpose of filling Initial Potential <input type="checkbox"/> Retest <input type="checkbox"/> Reclass <input checked="" type="checkbox"/> Well record only (explain in Remarks) <input checked="" type="checkbox"/>	
12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no. FIELD & RESERVOIR El Mar (Delaware) Sand				GAS ID or OIL LEASE #		Oil - O Gas - G	
13. Type of electric or other log run				14. Completion or recompletion date 2/7/94		WELL NO	

SECTION I: POTENTIAL TEST DATA IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules.

15. Date of test		16. No. of hours tested		17. Production method (Flowing, Gas Lift, Jetting, Pumping— Size & Type of pump)		18. Choke size	
19. Production during Test Period		Oil - BBLS		Gas - MCF		Water - BBLS	
20. Calculated 24- Hour Rate		Oil - BBLS		Gas - MCF		Water - BBLS	
Was swab used during this test?		Yes <input type="checkbox"/> No <input type="checkbox"/>		22. Oil produced prior to test (New & Reworked wells)		23. Injection Gas—Oil Ratio	
REMARKS: Reclass from 14 (b)(2) to active injector							

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

WELL TESTER'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

T. N. McKnight, Jr.

Typed or printed name of operator's representative

(915) 686-1991

03/04/94

Telephone: Area Code Number

Date: mo. day year

President

Title of Person

Signature

SECTION II

DATA ON WELL COMPLETION AND LOG (Not Required on Retest)

24. Type of Completion: New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>				25. Permit to Drill, Plug Back or Deepen DATE _____ PERMIT NO _____ Rule 37 _____ CASE NO _____ Exception _____ Water Injection Permit _____ PERMIT NO F 1182 Salt Water Disposal Permit _____ PERMIT NO _____ Other _____ PERMIT NO _____	
26. Notice of Intention to Drill this well was filed in Name of _____					
27. Number of producing wells on this lease in this field (reservoir) including this well _____		28. Total number of acres in this lease _____			
29. Date Plug Back, Deepening, WorkOver or Drilling Operations: _____		30. Distance to nearest well, Same Lease & Reservoir _____			
31. Location of well, relative to nearest lease boundaries of lease on which this well is located _____		32. Elevation (D.F. RKB, RT, GR, ETC.) _____			
33. Was directional survey made other than inclination (Form W-12)? <input type="checkbox"/> Yes <input type="checkbox"/> No		34. Top of Pay _____			
35. Total Depth 4705		36. P. B. Depth _____			
37. Surface Casing Determined by Field <input type="checkbox"/> Rules _____		38. Recommendation of T.D.W.R. Railroad Commission (Special) <input type="checkbox"/> _____			
39. Is well multiple completion? _____		40. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR _____			
41. Name of Drilling Contractor _____		42. Is Cementing Affidavit Attached? <input type="checkbox"/> Yes <input type="checkbox"/> No			

43. CASING RECORD (Report All Strings Set in Well)							
CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.
8 5/8	24#	524		Unknown 275	12 1/4	Surf.	Unknown
4 1/2	9.5#	4705		Unknown 130	6 3/4	3940	Unknown

44. LINER RECORD				
Size	TOP	Bottom	Sacks Cement	Screen

45. TUBING RECORD			46. Producing Interval (this completion) Indicate depth of perforation or open hole	
Size	Depth Set	Packer Set	From	To
2 3/8	4495	4498	4528	4678
			From	To
			From	To
			From	To

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Depth Interval	Amount and Kind of Material Used

48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)			
Formations	Depth	Formations	Depth

REMARKS _____

BURLINGTON RESOURCES

EL MAR DELAWARE UNIT # 1221W

FORMERLY UNION ROYALTY

(NMOCD # _____, API# 42-301-80190)

1992' FNL & 660' FWL

Section 3, BLK. 54, T & P RR

County: LOVING , STATE: TEXAS

EL:

GL: KB:

SPUD DATE: 9/1/59 COMPLETION: 9/12/59

Drilling comments:

Completion Comments:

Well Type CIW

No other information available in public records

HOLE: 12 1/4"

8 5/8" 24# casing @521'
cemented w/ 250

TOC @ 4010' (CAL)

PACKER @ 4410'

2 3/8" tubing @ 4410'

Delaware Perfs 4512' - 4550'

CIBP @ 4575' W/10' CMT ON TOP

PBD @ 4610'
4 1/2" 9.5 # @ 4644'
w/ 130 sx cement

HOLE: 6 3/4"

TD 4644'

EL MAR

Type or print only

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Form W-2

Rev. 4/1983
483-045API No. 42-301-80190 7. RRC District No.
08

Oil Well Potential Test, Completion or Recompletion Report, and Log

1. FIELD NAME (as per RRC Records or Wildcat) EL MAR (DELAWARE)		2. LEASE NAME EL MAR/DELAWARE/UNIT		3. RRC Lease No. 21246	
3. OPERATOR'S NAME (Exactly as shown on P-5, Organization Report) MERIDIAN OIL INC.			RRC Operator No. 561132		10. County of well site LOVING
4. ADDRESS P.O. Box 51810, Midland, TX 79710-1810					11. Purpose of filing Initial Potential <input type="checkbox"/> Retest <input type="checkbox"/> Reclass <input type="checkbox"/> Well record only <input checked="" type="checkbox"/> (explain in Remarks)
5. If Operator has changed within the last 60 days, name the former operator UNION ROYALTY					
6a. Location (Section, Block, and Survey) 3 54 T & P RR		6b. Distance and direction to nearest town in this county 18 MILES NORTH OF MENTONE			
12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no. FIELD & RESERVOIR			GAS ID or OIL LEASE #	Oil - O Gas - G	WELL NO.
13. Type of electric or other log run				14. Completion or recompletion date 7/28/95	

SECTION I: POTENTIAL TEST DATA

IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules.

15. Date of test	16. No. of hours tested	17. Production method (Flowing, Gas Lift, Jetting, Pumping - Size & Type of pump)			18. Choke size
19. Production during Test Period	Oil - BBLS	Gas - MCF	Water - BBLS	Gas - Oil Ratio	Flowing Tubing Pressure PSI
20. Calculated 24-Hour Rate	Oil - BBLS	Gas - MCF	Water - BBLS	Oil Gravity - API - 60°	Casing Pressure PSI
21. Was swab used during this test? Yes <input type="checkbox"/> No <input type="checkbox"/>		22. Oil produced prior to test (New & Reworked wells)			23. Injection Gas-Oil Ratio

REMARKS

Injection well. Set CIBP above lower perms

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

WELL TESTER'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

I declare under the penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

DONNA WILLIAMS

Typed or printed name of operator's representative

915-688-6943

Telephone: Area Code Number

Date:

08 / 25 / 95

mo. day year

REGULATORY COMPLIANCE

Title of Person

Signature

SECTION II				DATA ON WELL COMPLETION AND LOG (Not Required on Reset)				DATE <u>11/1/95</u> PERMIT NO. <u> </u>	
24. Type of Completion New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input checked="" type="checkbox"/>				25. Permit to Drill, Plug Back or Deepen Rule 37 <u> </u> CASE NO. <u> </u> Exception <u> </u> Water Injection Permit <u> </u> PERMIT NO. <u>F-1182</u> Salt Water Disposal Permit <u> </u> PERMIT NO. <u> </u> Other <u> </u> PERMIT NO. <u> </u>					
26. Notice of Intention to Drill this well was filed in Name of TXL Corporation									
27. Number of producing wells in this lease in this field (previous) including this well		28. Total number of acres in this lease 9,440							
29. Date Plug Back, Deepening, Workover or Drilling Operations 7/26/95		30. Distance to nearest well, Same Lease & Reservoir 7/28/95							
31. Location of well relative to nearest lease boundaries of lease on which this well is located 1992' West				32. Was directional survey made other than inclination (W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
33. Elevation (D.F. RKB, R.F. OR ETC.)				34. Top of Per <u>4512'</u>					
35. Total Depth <u>4644'</u>				36. P. B. Depth <u>4610'</u>					
37. Surface Casing Determined by				38. Field Rules <input type="checkbox"/> Recommendation of T D W K Railroad Commission (Special) <input type="checkbox"/> D. of Letter <input type="checkbox"/> D. of Letter <input type="checkbox"/>					
39. Is well under completion <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				40. If multiple completion, list all reservoir names (completions in this well) and Oil Lease FIELD & RESERVOIR GAS ID or OIL LEASE # <u> </u> Oil-O Gas-G <u> </u> WELL # <u> </u>					
41. Name of Drilling Contractor PRIDE				42. Is Cementing Affidavit Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
43. CASING RECORD (Report All Strings Set in Well)									
CASING SIZE	WT #/FT	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL cu. ft		
8 5/8"	24#	521'		250 SXS	12 1/4"	Unk.	Unk.		
4 1/2"	9.5#	4644'		130 SXS	6 3/4"	4010' (Ca1)	Unk.		

44. LINER RECORD				
Size	TOP	Bottom	Sacks Cement	Screen

45. TUBING RECORD			46. Producing Interval (this completion) Indicate depth of perforation or open hole	
Size	Depth Set	Packer Set	From	To
2 3/8"	4410'	4410'	4512'	4550' (Injection)
			From	To
			From	To
			From	To

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Depth Interval	Amount and Kind of Material Used
4575'	Set CIBP w/10' cmt on top.

48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)			
Formations	Depth	Formations	Depth

REMARKS Injection well.

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT #1222

FORMERLY MERIDIAN OIL, INC.

(NMOCD # _____, API# 42-301-00391)

1992' FNL & 1980' FWL

Section 3, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL: 3073'

GL: KB:

SPUD DATE: 9/13/59

COMPLETION: 9/29/59

Drilling comments:

Completion Comments:

RE- ENTERED PLUGGED WELL 7/23/96

returned to production.

Placed csg. Patch 4.5 K-55 11.6# (1 jt) at csg
stub depth of 3515', and 85 jts of 4.5 K-55

LTC 11.6# csg. Tie back on to csg.

Well Type POW

No other information available in public records

HOLE: 12 1/4"

8 5/8" 24# casing @ 540'
cemented w/ 200
SURF.

TOC @ 3860'

CIBP@ 4471' W/20' CMT

2 3/8" tubing @ 4588'

Delaware Perfs @ 4521' - 4604'

PBD 4609'

4 1/2" 9.5 # @ 3515' - 4545'?'
w/ 100 sx cement

HOLE: 7 7/8"

TD 4645'

DRLD OUT TO 4609' (PBD)

A W/3000 GLS 15% hv-60 ACID

Type or print only

Oil and Gas Division

Form W-2

Rev. 4/1/83

483-046

API No. 42-301-00391

7. RRC District No.
088. RRC Lease No.
212469. Well No.
122210. County of well site
Loving

11. Purpose of filing

Initial Potential ☒Retest ☐Reclass ☐Well record only ☒
(explain in Remarks)

Oil Well Potential Test, Completion or Recompletion Report, and Log

1. FIELD NAME (as per RRC Records or Wildcat)

El Mar (Delaware)

2. LEASE NAME

El Mar/Delaware/Unit

3. OPERATOR'S NAME (Exactly as shown on P-5, Organization Report)

Burlington Resources Oil & Gas Company

RRC Operator No.

109338

4. ADDRESS

P.O. Box 51810, Midland, TX 79710-1810

5. If Operator has changed within the last 60 days, name the former operator

Meridian Oil Inc. (561132)

6a. Location (Section, Block, and Survey)

3 54 T & P RR

6b. Distance and direction to nearest town in this county.

18 miles northwest of Mentone

12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no.
FIELD & RESERVOIRGAS ID or
OIL LEASE #Oil - O
Gas - G

WELL NO.

13. Type of electric or other log run

14. Completion or recompletion date

7/23/96

SECTION I: POTENTIAL TEST DATA

IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules.

15. Date of test 8/26/96	16. No. of hours tested 24	17. Production method (Flowing, Gas Lift, Jetting, Pumping - Size & Type of pump) 1 1/2" x 24"		18. Choke size
19. Production during Test Period 1	Oil - BBLS 1	Gas - MCF 0	Water - BBLS 125	Gas - Oil Ratio N/A
20. Calculated 24- Hour Rate 1	Oil - BBLS 1	Gas - MCF 0	Water - BBLS 125	Oil Gravity - API - 60° 40.1
Was swab used during this test? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		22. Oil produced prior to test (New & Reworked wells) None		23. Injection Gas-Oil Ratio

REMARKS:

Re-entered plugged well. Returned to production.

RECEIVED
R.R.C. OF TEXAS

OCT 25 1996

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

WELL TESTER'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

I declare under the penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Donna Williams

Typed or printed name of operator's representative

915-688-6943

Telephone: Area Code Number

Date:

08 / 30 / 96

mo. day year

Regulatory Compliance

Title of Person

Signature

SECTION II				DATA ON WELL COMPLETION AND LOG (Not Required on Reset)			
24. Type of Completion New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>				25. Permit to Drill, Plug Back or, Deepen DATE 6/27/96 PERMIT NO. 449434		Rule 37 Exception Water Injection Permit Salt Water Disposal Permit Other	
26. Notice of Intention to Drill this well was filed in Name of Meridian Oil Inc.				CASE NO. PERMIT NO. PERMIT NO.			
27. Number of producing wells on this lease in this field (reservoir) including this well 95		28. Total number of acres in this lease 9,440					
29. Date Plug Back, Deepening, Workover or Drilling Operations: Commenced 7/9/96 Completed 7/23/96		30. Distance to nearest well, Same Lease & Reservoir 1249					
31. Location of well, relative to nearest lease boundaries of lease on which this well is located 1992' West Feet from North Line and 1980' Feet from Lease				32. Elevation (DF, RKB, RT, GR, ETC.) 3073'			
33. Was directional survey made other than inclination (W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				Dt. of Letter 5-11-95 Dt. of Letter			
34. Top of Pay 4521'		35. Total Depth 4645'		36. P. B. Depth 4609'		37. Surface Casing Determined by: Field Rules <input type="checkbox"/> Recommendation of T.D.W.R. Railroad Commission (Special) <input checked="" type="checkbox"/>	
38. Is well multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR				40. Intervals Drilled by: Rotary Tools Cable Tools	
41. Name of Drilling Contractor Pride				42. Is Cementing Affidavit Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
43. CASING RECORD (Report All Strings Set in Well)							
CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.
8 5/8"	24#	540'		Unk sxs	12 1/4"	Surf.	Unk.
4 1/2"	9.5#	3515'-4545'		Unk sxs	7 7/8"	TOC@3860'	Unk.
Placed csg. patch 4.5 K-55 11.6# (1jt) at csg stub depth of 3515', and 84 lbs of 4.5 K-55 LTC 11.6# csg tie back on to csg.							
44. LINER RECORD							
Size	TOP		Bottom		Sacks Cement	Screen	
45. TUBING RECORD							
Size	Depth Set	Packer Set	46. Producing Interval (this completion) Indicate depth of perforation or open hole				
2 3/8"	4588'		From 4521' To 4604' From To From To From To				
47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
Depth Interval				Amount and Kind of Material Used			
CIBP@ 4471 w/20' cmt				Drld out to 4609' (PBTD)			
4521'-4604'				A w/3000 gls 15% HV-60 acid			
48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)							
Formations		Depth		Formations		Depth	

entry of plugged well and returned to production.

on 4 1/2" csg - did not use. *W.H.*

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT # 1223W

FORMERLY UNION ROYALTY, INC.

(NMOCD # _____, API# 42-301-00392)

1992' FNL & 1980' FEL

Section 3, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL:

GL: KB:

SPUD DATE: 9/27/59

COMPLETION: 10/7/59

Drilling comments:

Completion Comments:

Well Type CIW

No other information available in public records

HOLE: 12 1/4"

8 5/8" ?# casing @ 538'
cemented w/ 250 SAX
CIR TO SURF

TOC @ 3855'

CIBP @ 4510' W/20' CEMENT ON TOP
(2/7/86)

Delaware Perfs @ 4510' - 4634'

HOLE: 6 3/4"

TD 4685'

4 1/2" ? # @ 4685'
w/ 130 sx cement

06/03/85

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Disposal/Injection Well

Pressure Test Report

UIC CONTROL NO.

Type

FOR RRC USE ONLY

7-24-90
READ INSTRUCTIONS ON BACK

PLEASE TYPE OR PRINT

1. OPERATOR'S NAME UNION ROYALTY, INC.				2. RRC OPERATOR NO. 876825			
3. ADDRESS 500 W. TEXAS SUITE 1460 MIDLAND, TEXAS 79701				4. RRC DISTRICT NO. 8			
6. FIELD NAME (Exactly as shown on proration schedule) EL MAR (DELAWARE)				7. FIELD NO. MIDLAND TEXAS 28019500		5. COUNTY LOVING	
9. LEASE NAME EL MAR/DELAWARE/UNIT				10a. OIL LEASE NO. 21246		8. API NO. 42-301-00392	
12. REASON FOR TEST <input type="checkbox"/> Initial Test Prior to Injection <input type="checkbox"/> After Workover <input type="checkbox"/> Annual Test Required By Permit <input type="checkbox"/> Five-Year Test Required By Rule <input checked="" type="checkbox"/> Other (Specify) <u>WELL IS T/A WITH</u> <u>CIBP ABOVE INJECTION INTERVAL</u> <u>@ 4510 W/20' CEMENT ON TOP.</u>				13. DATE OF TEST NONE		14. RETEST? <input type="checkbox"/> YES <input type="checkbox"/> NO If YES, see Instruction No. 3	
				15. WELL COMPLETION		size depth set	
				Surface Casing		8 5/8 538	
				Long String Casing		4 1/2 4685	
				Tubing		NONE	
				16a. PACKER MAKE AND MODEL NONE		16b. DEPTH SET N/A	
17. AUTHORIZED INJECTION PRESSURE (PSIG): <u>N/A</u>							
18a. PERMITTED INJECTION INTERVAL Top 4453 Bottom 4588				18b. COMPLETED INJECTION INTERVAL Top 4553 Bottom 4634			
19. TEST PRESSURE (PSIG) [see Instructions 4(c) and 4(d)]							
TIME	TUBING	CASING	SURFACE CSG.	TIME	TUBING	CASING	SURFACE CSG.
Initial	N/A						
15 min.							
30 min.							
20. CHARACTERISTICS OF INJECTION FLUID [see Instruction 4(e)] N/A				21. CHARACTERISTICS OF ANNULUS FLUID [see Instructions 4 (e) and 4(f)] N/A			
22. TEST WITNESSED BY RRC? <input type="checkbox"/> YES <input type="checkbox"/> NO If NO, see Instruction 4(a) If YES, Name of RRC Representative <u>N/A</u>				23. WERE OTHER TESTS/SURVEYS PERFORMED AT THIS TIME? <input type="checkbox"/> YES <input type="checkbox"/> NO. If YES, List: <u>N/A</u>			
24. OPERATOR COMMENTS ON TEST (attach separate sheet if necessary) <u>THIS WELL WAS T/A BY TEXACO INC. ON FEBRUARY 7, 1986. SEE ATTACHED W-15</u>							
25. WELL STATUS: <input type="checkbox"/> Active <input checked="" type="checkbox"/> Temporarily Abandoned <input type="checkbox"/> Other (Specify) _____							
CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated herein are true, correct, and complete, to the best of my knowledge.							
<u>T. N. McKnight, Jr.</u> Name of Person (type or print)				<u>PRESIDENT</u> Title			
Telephone No. <u>(915) 686-1991</u>				Date <u>6-29-90</u>			

Cementor: Fill in shaded areas.
Operator: Fill in other items.

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As shown on Form P-5, Organization Report) TEXACO, INCORPORATED	2. RRC Operator No.	3. RRC District No. 8	4. County of Well Site LOVING
5. Field Name (Wildcat or exactly as shown on RRC records) EL MAR (DELAWARE)	6. API No. 42-	7. Drilling Permit No.	
8. Lease Name EL MAR (DELAWARE) Unit	9. Rule 37 Case No.	10. Oil Lease/Gas ID No. RECEIVED R.R.C. OF TEXAS	11. Well No. 1223

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING	MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Strings	
12. Cementing Date		9/28/59		10/8/59		
13. • Drilled hole size		12 1/4"		6 3/4"		
• Est. % wash or hole enlargement						
14. Size of casing (in. O.D.)		8 5/8"		4 1/2"		
15. Top of liner (ft.)		0'		0'		
16. Setting depth (ft.)		538'		4685'		
17. Number of centralizers used		2		4		
18. Hrs. waiting on cement before drill-out						
1st Slurry	19. API cement used: No. of sacks ▶	200		100		
	Class ▶	A		A		
	Additives ▶	6% Gel		4% Gel		
2nd Slurry	No. of sacks ▶	50		30		
	Class ▶	A		A		
	Additives ▶	HAS		Latex		
3rd Slurry	No. of sacks ▶					
	Class ▶					
	Additives ▶					
1st	20. Slurry pumped: Volume (cu. ft.) ▶					
	Height (ft.) ▶			3755'		
2nd	Volume (cu. ft.) ▶					
	Height (ft.) ▶					
3rd	Volume (cu. ft.) ▶					
	Height (ft.) ▶					
Total	Volume (cu. ft.) ▶					
	Height (ft.) ▶					
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?		Yes				

22. Remarks

CEMENTING TO PLUG AND ABANDON	PLUG # 1	PLUG # 2	PLUG # 3	PLUG # 4	PLUG # 5	PLUG # 6	PLUG # 7	PLUG # 8
23. Cementing date	2-7-86							
24. Size of hole or pipe plugged (in.)	4 1/2"							
Depth to bottom of tubing or drill pipe (ft.)	4510'							
26. Sacks of cement used (each plug)	2							
27. Slurry volume pumped (cu. ft.)								
28. Calculated top of plug (ft.)	4,490							
29. Measured top of plug, if tagged (ft.)	4510'							
30. Slurry wt. (lbs/gal)								
31. Type cement	Class C CEBP @ 4510' with 20' cement on top							

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

Allen James, Dist. Mgr.
Name and title of cementer's representative

CRC Wireline, Inc.
Cementing Company

[Signature]
Signature

2401 Catlin
Address

Odessa, Texas 79764
City, State, Zip Code

915 362-6351 2-7-86
Tel.: Area Code Number Date: mo. day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

Typed or printed name of operator's representative

Title

Signature

Address City, State, Zip Code Tel.: Area Code Number Date: mo. day yr.

Instructions to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide Rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion), and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

A. What to file. An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form. Form W-15 should be filed with the following:

- An initial oil or gas completion report, Form W-2 or G-1, as required by Statewide or special field rules;
- Form W-4, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
- Form W-3, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

B. Where to file. The appropriate Commission District Office for the county in which the well is located.

C. Surface casing. An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

D. Centralizers. Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

E. Exceptions and alternative casing programs. The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. An operator must obtain approval of any exception before beginning casing and cementing operations.

F. Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

G. Plugging and abandoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT # 1224

FORMERLY MERIDIAN OIL, INC.

(NMOCD # _____, API# 42-301-80193)

1992' FNL & 660' FEL

Section 3, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL:

GL: KB:

SPUD DATE: 11/7/59 COMPLETION: 11/18/59

Drilling comments:

Completion Comments:

Well Type POW

No other information available in public records

HOLE: 12 1/4"

8 5/8" 24# casing @ 536'
cemented w/ 200
Circ/SURF.

TOC @ 3900'

CIBP @ 4516' W/20' CMT(7/12/96)

PACKER @ 4555'

2 3/8" tubing @ 4555'

Delaware Perfs @ 4562' - 4648'

PBD @ 4658'
4 1/2" 9.5 # @ 4695'
w/ 180 sx cement

HOLE: 7 7/8"

TD 4695'

DRLD OUT TO 4658' (PBTD) 7/12/96

Type or print only

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

9-23-96

Form W-2

Rev. 4/1/83

483-046

API No. 42-301-80193				7. RRC District No. 08	
Oil Well Potential Test, Completion or Recompletion Report, and Log					
1. FIELD NAME (as per RRC Records or Wildcat) El Mar (Delaware)		2. LEASE NAME El Mar/Delaware/Unit		8. RRC Lease No. 21246	
3. OPERATOR'S NAME (Exactly as shown on P-5, Organization Report) Burlington Resources Oil & Gas Company		RRC Operator No. 109338		9. Well No. 1224	
4. ADDRESS P.O. Box 51810, Midland, TX 79710-1810				10. County of well site Loving	
5. If Operator has changed within the last 60 days, name the former operator Meridian Oil Inc. (561132)				11. Purpose of filing Initial Potential <input checked="" type="checkbox"/> Retest <input checked="" type="checkbox"/> Reclass <input type="checkbox"/> Well record only (explain in Remarks) <input checked="" type="checkbox"/>	
6a. Location (Section, Block, and Survey) 3 54 T & P RR		6b. Distance and direction to nearest town in this county. 18 miles northwest of Mentone			
12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no. FIELD & RESERVOIR		GAS ID or OIL LEASE #		Oil - O Gas - G WELL NO.	
13. Type of electric or other log run				14. Completion or recompletion date 7/12/96	

SECTION I: POTENTIAL TEST DATA

IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules.

15. Date of test 8/18/96	16. No. of hours tested 24	17. Production method (Flowing, Gas Lift, Jetting, Pumping - Size & Type of pump) pmp 2"x1.5"x24'		18. Choke size 64/64"	
19. Production during Test Period	Oil - BBLS 1	Gas - MCF 0	Water - BBLS 75	Gas - Oil Ratio N/A	Flowing Tubing Pressure 118 PSI
20. Calculated 24- Hour Rate	Oil - BBLS	Gas - MCF	Water - BBLS	Oil Gravity - API - 60°	Casing Pressure 118 PSI
Was swab used during this test? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		22. Oil produced prior to test (New & Reworked wells) None		23. Injection Gas-Oil Ratio	

REMARKS:

Cleaned out wellbore and returned to production.

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

WELL TESTER'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

I declare under the penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Donna Williams

Typed or printed name of operator's representative

Regulatory Compliance

Title of Person

15-688-6943

Telephone: Area Code Number

08 / 30 / 96

Date: mo. day year

Signature

SECTION II

DATA ON WELL COMPLETION AND LOG (Not Required on Reset)

21. Type of Completion New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input checked="" type="checkbox"/>				25. Permit to Drill, Plug Back or, Deepen Rule 37 DATE PERMIT NO. Exception CASE NO. Water Injection PERMIT NO. Permit PERMIT NO. Salt Water Disposal PERMIT NO. Permit PERMIT NO. Other PERMIT NO.	
29. Notice of Intention to Drill this well was filed in Name of _____					
27. Number of producing wells on this lease in this field (reservoir) including this well		28. Total number of acres in this lease <div style="text-align: center;">9,440</div>			
29. Date Plug Back, Deepening, Workover or Drilling Operations: Commenced <div style="border: 1px solid black; padding: 2px;">7/10/96</div> Completed <div style="border: 1px solid black; padding: 2px;">7/12/96</div>		30. Distance to nearest well. Same Lease & Reservoir			
31. Location of well, relative to nearest lease boundaries of lease on which this well is located		1992' Feet from North Line and 660' Feet from East Line of the El Mar/Delaware/Unit Lease			
32. Elevation (DF, RKB, RT, GR, ETC.)		33. Was directional survey made other than inclination (W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
34. Top of Pay 4562'	35. Total Depth 4695'	36. P. B. Depth 4658'	37. Surface Casing Determined by: Field Rules <input type="checkbox"/>	Recommendation of T.D.W.R. Railroad Commission (Special) <input type="checkbox"/> Dt. of Letter <input type="checkbox"/>	
38. Is well multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. <div style="border: 1px solid black; padding: 2px; text-align: center;">FIELD & RESERVOIR</div>		40. Intervals Drilled by: <input type="checkbox"/> Rotary Tools <input type="checkbox"/> Cable Tools 42. Is Cementing Affidavit Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
41. Name of Drilling Contractor Pride					

43. CASING RECORD (Report All Strings Set in Well)

CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.
5/8"	24#	536'		Unk sxs	12 1/4"	Surf.	Unk.
4 1/2"	9.5#	4695'		Unk sxs	7 7/8"	TOC@3900'	Unk.

44. LINER RECORD

Size	TOP	Bottom	Sacks Cement	Screen

45. TUBING RECORD

Size	Depth Set	Packer Set	From	To
2 3/8"	4555'	4555'	4562'	4648'

46. Producing Interval (this completion) Indicate depth of perforation or open hole

From	To

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Depth Interval	Amount and Kind of Material Used
CIBP@ 4516 w/20' cmt	Drld out to 4658' (PBTD)
4562'-4648'	A w/3000 gls 15% HV-60 acid + 1000 gls gel
brine	

48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)

Formations	Depth	Formations	Depth

REMARKS

Cleaned out wellbore and returned to production.

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT #1311

FORMERLY

(NMOCD # _____, API# 42-301-0085)

660' FNL & 660' FWL

Section 2, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL: 3097' DF

GL: KB:10'

SPUD DATE: 11/1/59 COMPLETION: 11/13/59

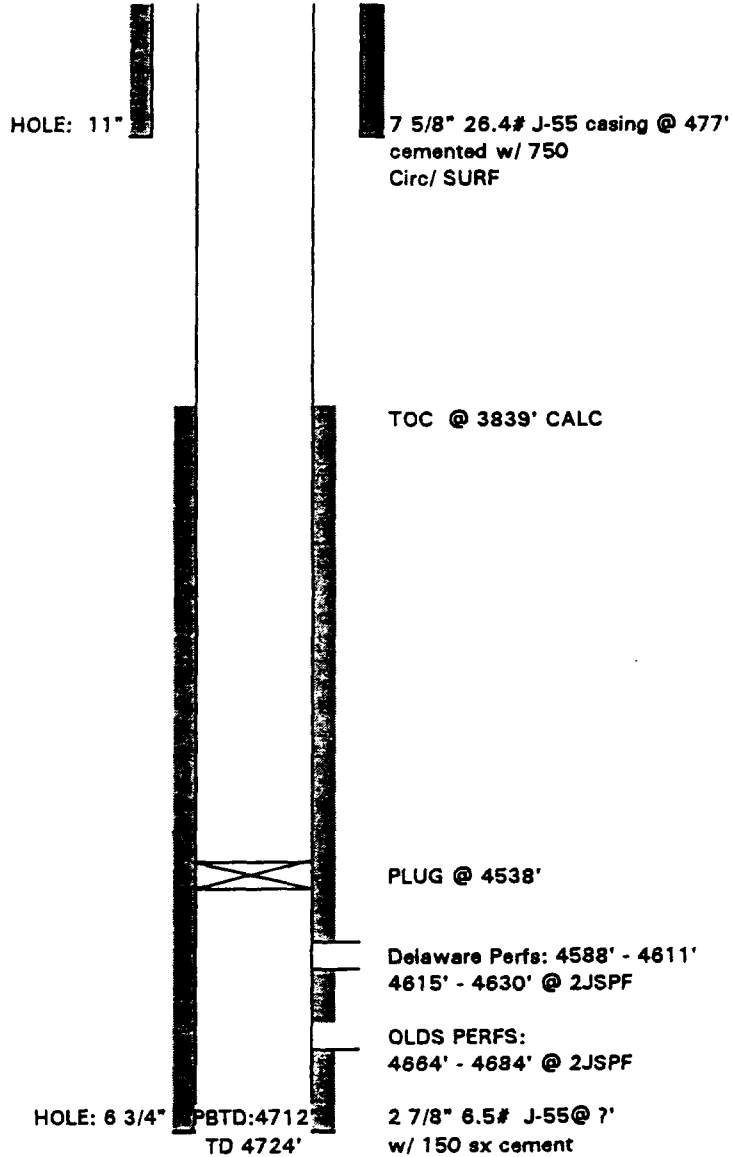
Drilling comments:

Completion Comments:

TA: 8/27/82

Well Type TA

No other information available in public records



BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT # 1312W

FORMERLY UNION ROYALTY, INC.

(NMOCD # _____, API# 42-301-00855)

660' FNL & 1650' FWL

Section 2, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL:

GL: KB:

SPUD DATE: 3/29/59 COMPLETION: 4/13/59

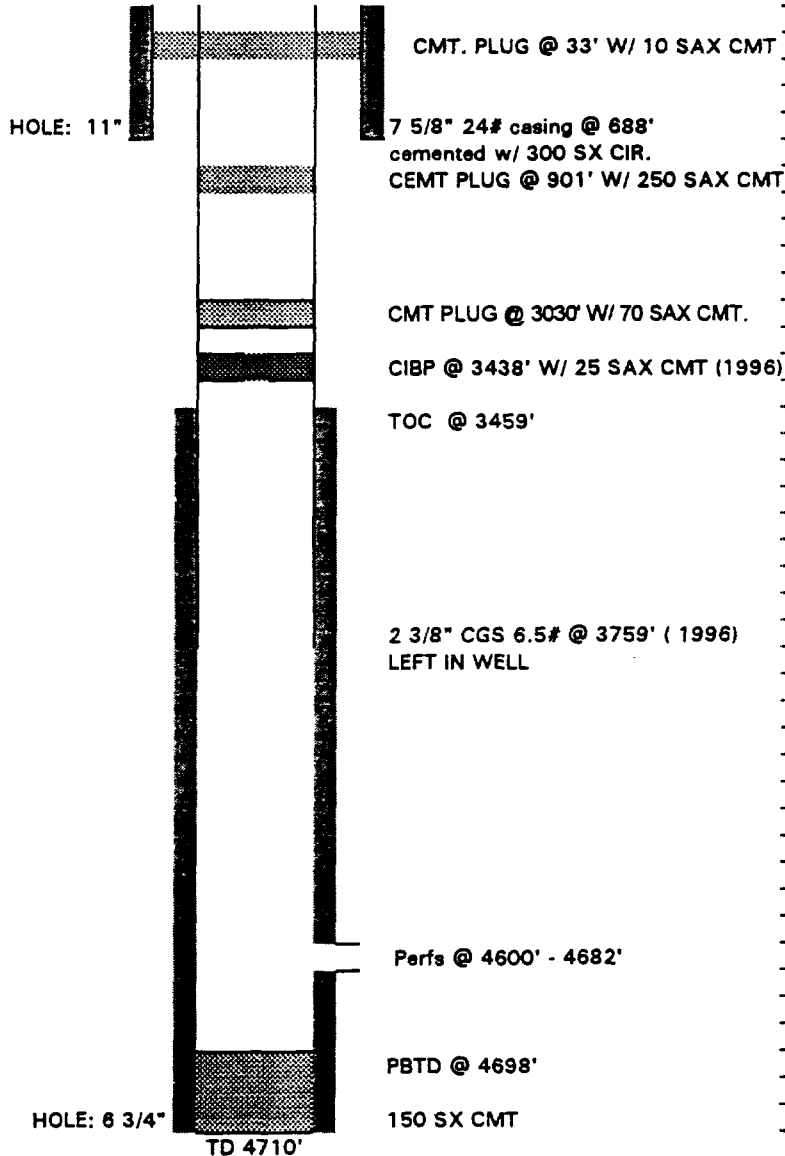
Drilling comments:

Completion Comments:

PLUGGED IN 11/29/96

Well Type P&A'D (PROD)

No other information available in public records



RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Form W-2
Rev. 4/1/83
483-046

or print only

Exception Dated _____

Surface Casing

API No. **42- 301-00855**

7. RRC District No.

08

8. RRC Lease No.

21246

9. Well No.

1312W

10. County of well site

Loving

11. Purpose of filing

Initial Potential ☐

Retest ☐

Reclass ☒

Well record only ☒

(explain in Remarks)

1. FIELD NAME (as per RRC Records or Wildcat)

El Mar (Delaware)

2. LEASE NAME

El Mar/Delaware/Unit

3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report)

Union Royalty, Inc.

RRC Operator No.

876825

4. ADDRESS

500 W. Texas, Suite 1460, Midland, TX 79701

5. If Operator has changed within last 60 days, name former operator

6a. Location (Section, Block, and Survey)

6b. Distance and direction to nearest town in this county.

12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no. FIELD & RESERVOIR

El Mar (Delaware) Sand

GAS ID or OIL LEASE #

OIL - O Gas - G

WELL NO.

13. Type of electric or other log run

14. Completion or recompletion date

2/7/94

SECTION I: POTENTIAL TEST DATA IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules.

5. Date of test	16. No. of hours tested	17. Production method (Flowing, Gas Lift, Jetting, Pumping—Size & Type of pump)			18. Choke size
19. Production during Test Period	Oil - BBLS	Gas — MCF	Water - BBLS	Gas - Oil Ratio	Flowing Tubing Pressure PSI
20. Calculated 24-Hour Rate	Oil - BBLS	Gas — MCF	Water — BBLS	Oil Gravity—API—60°	Casing Pressure PSI
21. Was swab used during this test? Yes <input type="checkbox"/> No <input type="checkbox"/>		22. Oil produced prior to test (New & Reworked wells)			23. Injection Gas—Oil Ratio

REMARKS:

Reclass from 14 (b)(2) to active injector

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

WELL TESTER'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

T. N. McKnight, Jr.

President

Typed or printed name of operator's representative

Title of Person

0315-686-1991

03/ 04 / 94

Signature

187

SECTION II

DATA ON WELL COMPLETION AND LOG (Not Required on Retest)

24. Type of Completion: New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>				25. Permit to Drill, Plug Back or Deepen DATE _____ PERMIT NO. _____ Rule 37 _____ CASE NO. _____ Exception _____ Water Injection Permit PERMIT NO. F 1182 Salt Water Disposal Permit PERMIT NO. _____ Other PERMIT NO. _____	
26. Notice of Intention to Drill this well was filed in Name of _____					
27. Number of producing wells on this lease in this field (reservoir) including this well _____		28. Total number of acres in this lease _____			
29. Date Plug Back, Deepening, WorkOver or Drilling Operations: _____		30. Distance to nearest well, Same Lease & Reservoir _____			
31. Location of well, relative to nearest lease boundaries of lease on which this well is located Feet From _____ Line and _____ Feet from _____ Line of the _____ Lease _____					
32. Elevation (DF, RKB, RT, GR, ETC.) _____		33. Was directional survey made other than inclination (Form W-12)? <input type="checkbox"/> Yes <input type="checkbox"/> No			
34. Top of Pay _____	35. Total Depth 4709	36. P. B. Depth _____	37. Surface Casing Determined by: Field <input type="checkbox"/> Rules <input type="checkbox"/> Recommendation of T.D.W.R. Railroad Commission (Special) <input type="checkbox"/> Dt. of Letter _____		
38. Is well multiple completion? _____	39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR _____		40. Intervals Drilled by: _____ GAS ID or OIL LEASE # _____ Oil-O Gas-G _____ WELL # _____		
41. Name of Drilling Contractor _____		42. Is Cementing Affidavit Attached? <input type="checkbox"/> Yes <input type="checkbox"/> No			

43. CASING RECORD (Report All Strings Set in Well)							
CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL cu. ft.
7 5/8	24#	688		Unknown 300	11	Surf.	Unknown
2 7/8	6.5#	4709		Unknown 150	6 3/4	3459	Unknown

44. LINER RECORD				
Size	TOP	Bottom	Sacks Cement	Screen

5. TUBING RECORD			46. Producing Interval (this completion) Indicate depth of perforation or open hole	
Size	Depth Set	Packer Set	From	To
1 1/2	3940	3943	4544	4694
			From	To
			From	To
			From	To

7. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Depth Interval	Amount and Kind of Material Used

6. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)			
Formations	Depth	Formations	Depth

MARKS _____

API NO. 42-301-00855
(if available)

1. RRC District

08

4. RRC Lease or ID.

21246

FILE IN DUPLICATE WITH DISTRICT OFFICE OF DISTRICT IN WHICH
WELL IS LOCATED WITHIN THIRTY DAYS AFTER PLUGGING

2. FIELD NAME (as per RRC Records) El Mar (Delaware)	3. Lease Name El Mar/Delaware/Unit	5. Well Number 1312W
6. OPERATOR Burlington Resources Oil & Gas Company	7a. Original Form W-1 Filed in Name of:	10. County Loving
7. ADDRESS P.O. Box 51810 Midland, Texas 79710-1810	7b. Any Subsequent W-1's Filed in Name of:	11. Date Drilling Permit Issued
8. Location of Well, Relative to Nearest Lease Boundaries of Lease on which this Well is Located	660' Feet From North Line and 1650' Feet From West Line of the El Mar/Delaware/Unit Lease	12. Permit Number letter
9a. SECTION, BLOCK, AND SURVEY Sec. 2, Blk 54, T-1, T & P Survey	9b. Distance and Direction From Nearest Town in this County 18 miles northwest of Mentone, Tx	13. Date Drilling Commenced 3/29/59
15. Type Well (Oil, Gas, Dry) injection	Total Depth 4710'	14. Date Drilling Completed 4/13/59
17. If Multiple Completion List All Field Names and Oil Lease or Gas ID No.'s GAS ID or OIL LEASE #	Oil - O Gas - G	WELL #
18. If Gas, Amt. of Cond. on Hand at time of Plugging		15. Date Well Plugged 11/29/96

CEMENTING TO PLUG AND ABANDON DATA:

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
*19. Cementing Date	11/26/96	11/29/96	11/29/96	11/29/96				
20. Size of Hole or Pipe in which Plug Placed (inches)	2 7/8	2 7/8	6 3/8	7 5/8				
21. Depth to Bottom of Tubing or Drill Pipe (ft.)	3030	3438	901	33				
*22. Sacks of Cement Used (each plug)	70	25	250	10				
*23. Slurry Volume Pumped (cu. ft.)	92.4	33	330	13.2				
*24. Calculated Top of Plug (ft.)	3393	3256						
25. Measured Top of Plug (if tagged) (ft.)	3430							
*26. Slurry Wt. # /Gal.	14.8	14.8	14.8	14.8				
*27. Type Cement	Premium Plus	Premium Plus	Premium Plus	Premium Plus				

28. CASING AND TUBING RECORD AFTER PLUGGING

SIZE	WT. #/FT.	PUT IN WELL (ft.)	LEFT IN WELL (ft.)	HOLE SIZE (in.)
7 5/8"	24	688'	688'	Unk.
2 7/8"	6.5	4709'	3759'	6 3/4"

29. Was any Non-Drillable Material (Other than Casing) Left in This Well? ☐ Yes ☒ No

29a. If answer to above is "Yes" state depth to top of "junk" left in it and briefly describe non-drillable material. (Use Reverse Side of Form if more space is needed.)

30. LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS

FROM	TO	FROM	TO
4600'	4682'		

I have knowledge that the cementing operations, as reflected by the information found on this form, were performed as indicated by such symbols as:
• Designates items to be completed by Cementing Company. Items not so designated shall be completed by Operator.

Kerin Carathes
Signature of Cementer or Authorized Representative

Halliburton Energy Services
Name of Cementing Company

CERTIFICATE

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Don Williams
REPRESENTATIVE OF COMPANY

Don Williams
SIGNATURE: REPRESENTATIVE OF RAILROAD COMMISSION

Regulatory
TITLE

RECEIVED
RAILROAD COMMISSION OF TEXAS
DEC 18 1996
O.G.
MIDLAND, TEXAS

Phone 915-688-6943
A/C NUMBER

RECEIVED
RAILROAD COMMISSION OF TEXAS
DEC 13 1996
O.G.
MIDLAND, TEXAS

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT # 1313

FORMERLY

(NMOCD # _____, API# 42-301-8020500)

660' FNL & 2310' FEL

Section 2, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL: 3086' GR

3095' DF

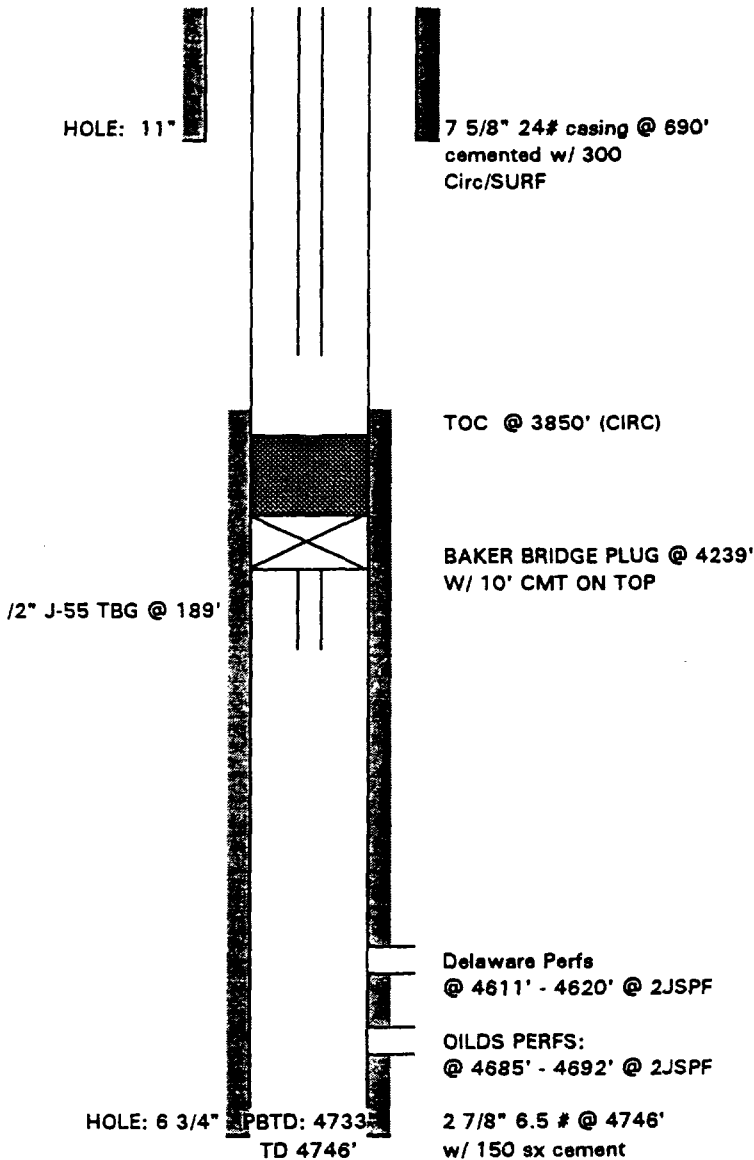
SPUD DATE: 5/8/60 COMPLETION: 5/20/60

Drilling comments:

Completion Comments:

Well Type POW

No other information available in public records



BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT # 1314W

FORMERLY UNION ROYALTY, INC.

(NMOCD # _____, API# 42-301-00860)

FL & ' FL

Section 2, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL:

GL: KB:

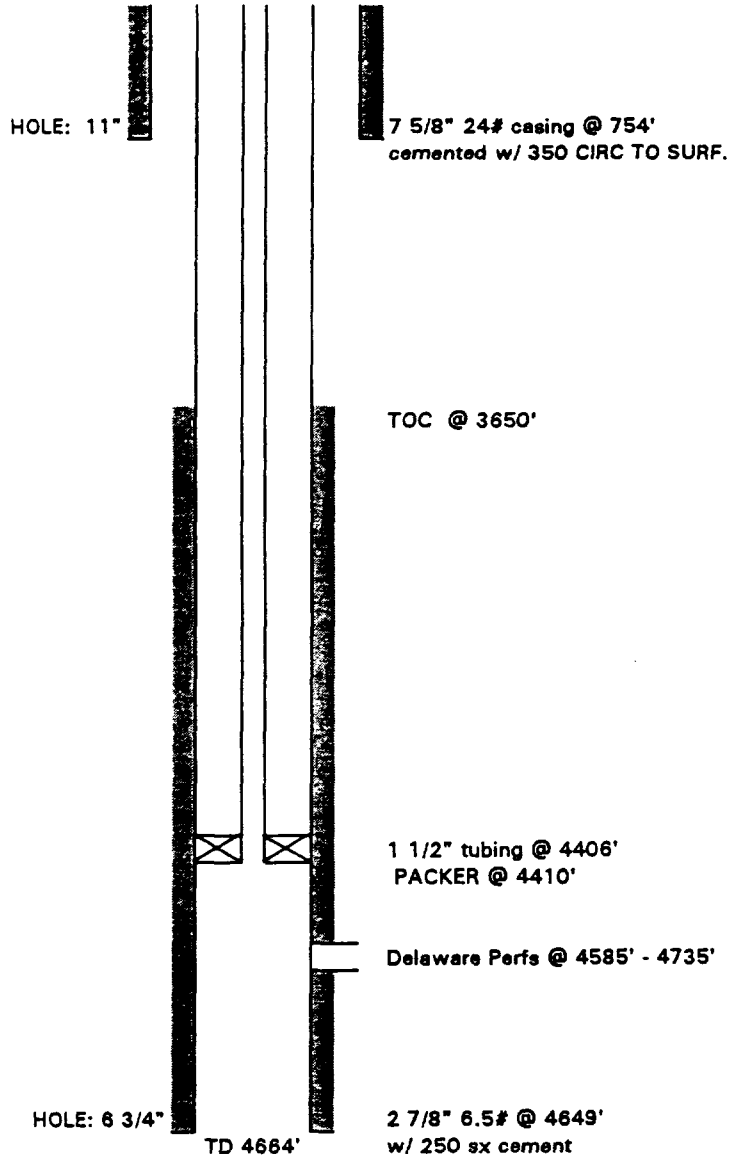
SPUD DATE: 3/15/62 COMPLETION: 4/2/62

Drilling comments:

Completion Comments:

Well Type WIW

No other information available in public records



RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Form W-2

Rev. 4/1/83

483-046

Type or print only

Surface Coring

API No. 42-301-00860

7. RRC District No.

08

Oil Well Potential Test, Completion or Recompletion Report, and Log

8. RRC Lease No.

21246

1. FIELD NAME (as per RRC Records or Wildcat)

El Mar (Delaware)

2. LEASE NAME

El Mar/Delaware/Unit

9. Well No.

1314W

3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report)

Union Royalty, Inc.

RRC Operator No.

876825

10. County of well site

Loving

4. ADDRESS

500 W. Texas, Suite 1460, Midland, TX 79701

11. Purpose of filing

Initial Potential ☐Retest ☐Reclass ☒Well record only
(explain in Remarks) ☒

5. If Operator has changed within last 60 days, name former operator

6a. Location (Section, Block, and Survey)

Sec. 2, Blk. 54, T&P RR

6b. Distance and direction to nearest town in this county.

20 Miles North of Mentone

12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no.
FIELD & RESERVOIR~~El Mar (Delaware) Sand~~GAS ID or
OIL LEASE #OIL - O
Gas - G

WELL NO.

13. Type of electric or other log run

14. Completion or recompletion date

2/7/94

SECTION I: POTENTIAL TEST DATA IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules.

15. Date of test	16. No. of hours tested	17. Production method (Flowing, Gas Lift, Jetting, Pumping— Size & Type of pump)			18. Choke size
19. Production during Test Period	Oil - BBLS	Gas - MCF	Water - BBLS	Gas - Oil Ratio	Flowing Tubing Pressure PSI
20. Calculated 24- Hour Rate	Oil - BBLS	Gas - MCF	Water - BBLS	Oil Gravity—API—60°	Casing Pressure PSI
21. Was swab used during this test? Yes <input type="checkbox"/> No <input type="checkbox"/>		22. Oil produced prior to test (New & Reworked wells)			23. Injection Gas—Oil Ratio

REMARKS:

Reclass from 14 (b)(2) to active injector

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

WELL TESTER'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

T. N. McKnight, Jr.

President

Typed or printed name of operator's representative

Title of Person

(915) 686-1991

03 / 04 / 94

Telephone: Area Code Number

Date: mo. day year

Signature

SECTION II

DATA ON WELL COMPLETION AND LOG (Not Required on Retest)

24. Type or Completion: New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>				25. Permit to Drill, Plug Back or Deepen DATE _____ PERMIT NO. _____ Rule 37 _____ CASE NO. _____ Exception _____ Water Injection _____ PERMIT NO. _____ Permit _____ F 1182 Salt Water Disposal _____ PERMIT NO. _____ Permit _____ Other _____ PERMIT NO. _____	
26. Notice of Intention to Drill this well was filed in Name of _____					
27. Number of producing wells on this lease in this field (reservoir) including this well _____		28. Total number of acres in this lease _____			
29. Date Plug Back, Deepening, WorkOver or Drilling Operations: _____		30. Distance to nearest well, Same Lease & Reservoir _____			
31. Location of well, relative to nearest lease boundaries of lease on which this well is located _____ Feet From _____ Line and _____ Feet from _____ Line of the _____ Lease _____					
32. Elevation (DF, RKB, RT, GR, ETC.) _____					
33. Was directional survey made other than Inclination (Form W-12)? <input type="checkbox"/> Yes <input type="checkbox"/> No					
34. Top of Pay _____		35. Total Depth 4664			
36. P. B. Depth _____		37. Surface Casing Determined by: Field <input type="checkbox"/> Rules <input type="checkbox"/> Recommendation of T.D.W.R. <input type="checkbox"/> Railroad Commission (Special) <input type="checkbox"/>			
38. Is well multiple completion? <input type="checkbox"/>		39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR _____ GAS ID or OIL LEASE # _____ Oil—O _____ Gas—G _____ WELL # _____			
40. Intervals Drilled by: _____ Rotary Tools _____ Cable Tools _____		41. Name of Drilling Contractor _____			
42. Is Cementing Affidavit Attached? <input type="checkbox"/> Yes <input type="checkbox"/> No		43. CASING RECORD (Report All Strings Set in Well)			

CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.
7 5/8	24#	754		Unknown 350	11	Surf.	Unknown
2 7/8	6.5#	4649		Unknown 250	6 3/4	3650	Unknown

44. LINER RECORD				
Size	TOP	Bottom	Sacks Cement	Screen

45. TUBING RECORD			46. Producing Interval (this completion) Indicate depth of perforation or open hole	
Size	Depth Set	Packer Set	From	To
1 1/2	4406	4410	4585	4735
			From	To
			From	To
			From	To

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Depth Interval	Amount and Kind of Material Used

48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)			
Formations	Depth	Formations	Depth

REMARKS _____

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT #1321W

FORMERLY UNION ROYALTY, INC.

(NMOCD # _____, API# 42-301-80207)

1980' FNL & 660' FEL

Section 2, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL:

GL: KB:

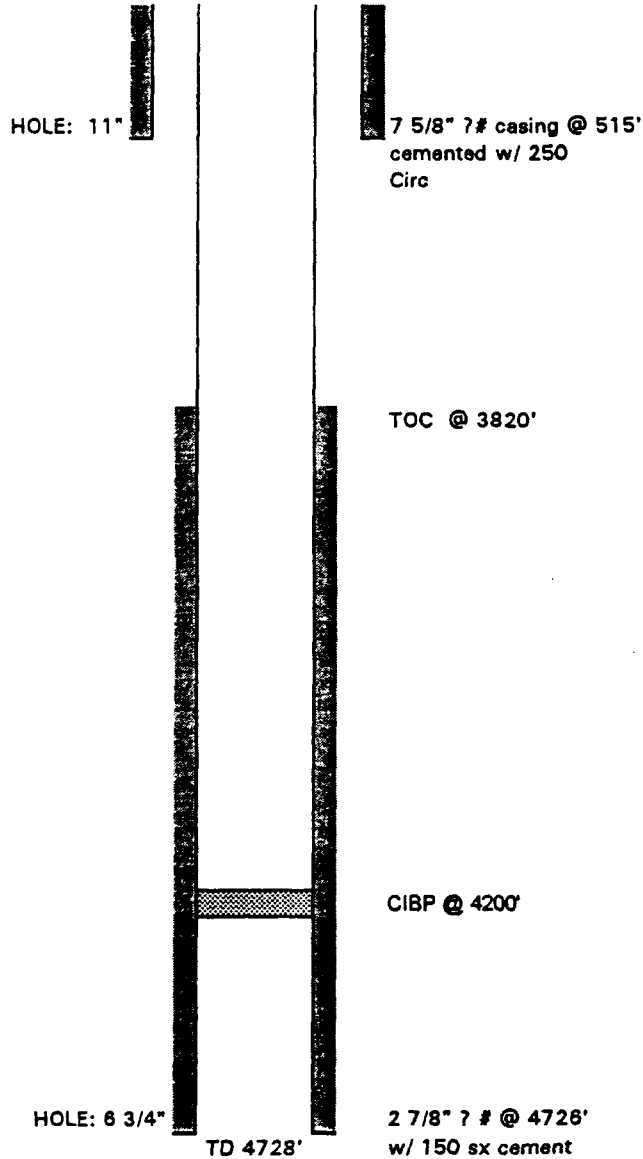
SPUD DATE: 12/9/59 COMPLETION: 12/25/59

Drilling comments:

Completion Comments:

Well Type WIW

No other information available in public records



BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT #1322

FORMERLY

(NMOCD # _____, API# 42-301-00854)

1980' FNL & 1650' FWL

Section 2, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL: 3080'

GL: KB:11'

SPUD DATE:3/19/60 COMPLETION:4/16/60

Drilling comments:

Completion Comments:

Well Type P&A'D(PROD)

No other information available in public records

HOLE: 11"

7 5/8" 24# H-40 casing @ 688'
cemented w/ 300
Circ/ SURF

TOC @ 3810'(CALC)

RAMSEY Perfs : 4590' - 4596'
4600' - 4609'

OLDS PERFS:
4648' 4654' 4660'

HOLE: 6 3/4" PBTD: 4699'
TD: 4710'

2 7/8" 8.5# J-55 @ 4710'
w/ 150 sx cement

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT # 1323

FORMERLY UNION ROYALTY, INC.

(NMOCD # _____, API# 42-301-80209)

1980' FNL & 2310' FEL

Section 2, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL:

GL: KB:

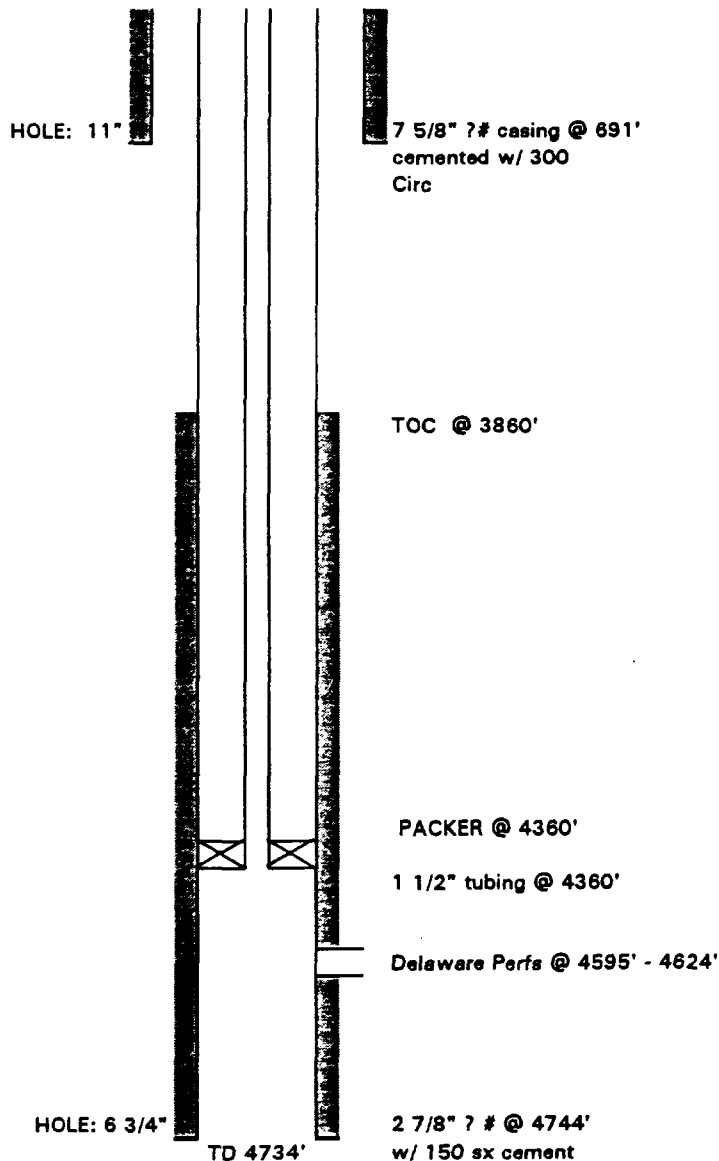
SPUD DATE: 4/28/60 COMPLETION: 5/11/60

Drilling comments:

Completion Comments:

Well Type P&A'D (INJ.)

No other information available in public records



BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT #1324

FORMERLY

(NMOCD # _____, API# 42-301-8021)

1320' FNL & 1650' FEL

Section 2, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL: 3081'

DF: 3090'

GL: KB:

SPUD DATE: 4/9/62

COMPLETION: 4/25/62

P&A 9/16/86

Well Type P&A'D (PROD)

No other information available
in public records

CMT PLUG @ 25' - SURF
STEEL PLATE AT SURF

HOLE: 9 7/8"
CMT PLUG @ 527' - 780'

7 5/8" 23# casing @ 734'
cemented w/ 350 SX
Circ/ SURF

CMT PLUG @ 1400' - 1577'

TOC @ 3140' (CALC)

CIBP @ 4473'
20' CMT ON TOP

Delaware Perfs: 4608' - 4633'

HOLE: 6 3/4" PBTD: 4640'
TD: 4650'

2 7/8" 6.5# @ 4650' CUT AT 1577'
w/ 200 sx cement

Quay Valley, Inc.
CO2 Project
North El Mar Unit
List of offset owners:

Burlington Resources Oil & Gas
Company
Attn: Mr. Willis Price
P. O. Box 51810
3300 North A, Building #6 79705
Midland, Texas 79710

Elliott Industries
Box 1355
Roswell, NM 88202

Ft. Worth Bank, Trustee
1600 Broadway
Denver, CO 80201

Elliott - Hall Company
Box 1231
Ogden, UT 88402-1231C

Charles and Iris Miller
1600 Broadway
Denver, CO 80201

Chevron USA, Inc.
Box 1635
Houston, TX 77251

John F. McNaughton
1600 Broadway
Denver, CO 80201

J. M. Zachary
1600 Broadway
Denver, CO 80201

KEC Acquisition Corporation
700 Louisiana #2100
Houston, Texas 77002-2728

New Mexico State Land Office
Oil and Gas Department
Box 1148
Santa FE, NM 87504-1148

United States of America
Department of the Interior
Bureau of Land Management
P. O. Box 27115
Santa Fe, NM 87502-0115

CC: Bureau of Land Management
2909 West Second Street
Roswell, NM 87502-0115

QUAY VALLEY, INC.
P. O. BOX 10280
MIDLAND, TEXAS 79702
915/687-4220

July 11, 1997

Hobbs News Sun
P. O. Box 860
Hobbs, New Mexico 88240

Attention: Tommie Carrell

Re: Legal Notice
CO2 Project Notification
Lea County, New Mexico

Dear Ms. Carrell:

Enclosed please find a legal notice to be published in the Hobbs News Sun to be run for one day on Tuesday, July 15, 1997. Please send a copy of the notice complete with the date the notice was published as we need proof of publication.

Please submit an invoice for payment to: Quay Valley, Inc. P. O. Box 10280, Midland, Texas 79702. Thank you for your cooperation in this matter. I can be reached at 915-687-4220 if you need further information.

Yours very truly,

QUAY VALLEY, INC.

Johnnye L. Nance
Associate Landman

JLN:sf

Enclosure

July 11, 1997

Legal Notice to be run for one day, on Tuesday, July 15, 1997, in the Hobbs News Sun, P. O. Box 860, Hobbs, New Mexico 88240:

NOTICE is hereby given that Quay Valley, Inc., Operator of the North El Mar Unit located in Sections 24, 25, 26, 27, 34, 35, and 36, R-26-S, R-32-E, and Sections 19, 30, and 31, R-26-S, R-33-E, all in Lea County, New Mexico, is seeking approval to upgrade their current waterflood project to a CO2 injection project. The formation currently being waterflooded is the "Unitized Formation" defined as the Delaware Sand formation found between the depths of 4672 feet and 4782 feet in the Continental Oil Company Payne No. 11 well, located 1650' FWL and 660' FSL, Section 30, T-26-S, R-33-E, on the Gamma Ray-Sonic Log of said well run on July 21, 1960. CO2 injection would be into that same formation. Daily maximum injection rates for CO2 will be 15 MMCF at a maximum pressure of 1160 PSI, with daily maximum water at 4700 BBLS at a maximum pressure of 530 PSI. Interested parties must file objections or requests for hearing with the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, within 15 days of this notice. Contact party for the applicant: Stella Swanson, Quay Valley, Inc., P. O. Box 10280, Midland, Texas 79702, 915/687-4220.

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

Publisher

of the Hobbs Daily News-Sun, a
daily newspaper published at
Hobbs, New Mexico, do solemnly
swear that the clipping attached
hereto was published once a
week in the regular and entire
issue of said paper, and not a
supplement thereof for a period.

of 1
_____ weeks.

Beginning with the issue dated

July 15 1997
and ending with the issue dated

July 15 1997

Kathi Bearden by JH

Publisher

Sworn and subscribed to before

me this 15th day of

July 1997

Jodi Henson

Notary Public.

My Commision expires
October 18, 2000
(Seal)

LEGAL NOTICE

July 15, 1997

NOTICE is hereby given that Quay Valley, Inc., Operator of the North El Mar Unit located in Sections 24, 25, 26, 27, 34, 35, and 36, R-26-S, R-32-E, and Sections 19, 30, and 31, R-26-S, R-33-E, all in Lea County, New Mexico, is seeking approval to upgrade their current waterflood project to a CO2 injection project. The formation currently being waterflooded is the "Unitized Formation" defined as the Delaware Sand formation found between the depths of 4672 feet and 4782 feet in the Continental Oil Company Payne No. 11 well, located 1650' FWL and 660' FSL, Section 30, T-26-S, R-33-E, on the Gamma Ray-Sonic Log of said well run on July 21, 1960. CO2 injection would be into that same formation. Daily maximum injection rates for CO2 will be 15 MMCF at a maximum pressure of 1160 PSI, with daily maximum water at 4700 BBLS at a maximum pressure of 530 PSI. Interested parties must file objections or requests for hearing with the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, within 15 days of this notice. Contact party for the applicant: Stella Swanson, Quay Valley, Inc., P.O. Box 10280, Midland, Texas 79702, 915/687-4220. #15318

This newspaper is duly qualified
to publish legal notices or adver-
tisements within the meaning of
Section 3, Chapter 167, Laws of
1937, and payment of fees for
said publication has been made.

01102087000 01509419
Quay Valley, Inc.
P.O. Box 10280
a/c 434005
Midland, TX 79702

EXHIBIT 12
