#### OIL CONSERVATION DIV C-108 STATE OF NEW MEXICO G ENERGY AND MINERALS DEPARTMENT Z-1-81 POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE. NEW MEXICO 8750 JUL 1 5 1997 APPLICATION FOR AUTHORIZATION TO INJECT X Secondary Recovery Pressure Mainte Storage Application qualifies for administrative approvon CONST II. Operator: OUAY VALLEY, INC. P. O. BOX 10280, 1608 N. Big Spring, Midland, Texas 79702 Contact party: <u>Stella Swanson</u> Phone: 915/687-4220 III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary. X yes Is this an expansion of an existing project? IV. R-4629 If yes, give the Division order number authorizing the project Attach a map that identifies all wells and leases within two miles of any proposed ٧. injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review. Attach a tabulation of data on all wells of public record within the area of review which VI. penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail. Attach data on the proposed operation, including: VII. Proposed average and maximum daily rate and volume of fluids to be injected; Whether the system is open or closed; Proposed average and maximum injection pressure; 3. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and 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.). \*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic

- \*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.
  - IX. Describe the proposed stimulation program, if any. None at this time.
- \* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)
- \* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken. There are no water wells within one mile of any injection or disposal well.
  - XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification

of the earlier submittal.

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Raymon D. Sharp

Title President

wame: Raymon p. Bildip	Trere Trestache
Signature: Laymon & Shaw	Date: <u>July 9, 1997</u>
If the information required under Sections VI, VIII, X,	and XI above has been previously
submitted, it need not be duplicated and resubmitted. P.	

#### III. WELL DATA I BOW G

- A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:
  - (1) Lease name; Well No.; location by Section, lownship, and Range; and footage location within the section.
  - (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
  - (3) A description of the tubing to be used including its size, lining material, and setting depth.
  - (4) The name, model, and setting depth of the parker used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

- B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.
  - (1) The name of the injection formation and, if applicable, the field or pool name.
  - (2) The injection interval and whether it is perforated or open-hole.
  - (3) State if the well was drilled for injection or, if not, the original purpose of the well.
  - (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
  - (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

#### XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

# NEMU Injection Wells

### QUAY VALLEY, INC

### North El Mar Unit #6

#### FORMERLY CONTINTENTAL OIL WILDER #9

(API# 30-025-082800)
PROPOSED CO2 INJECTION CONFIGURATION

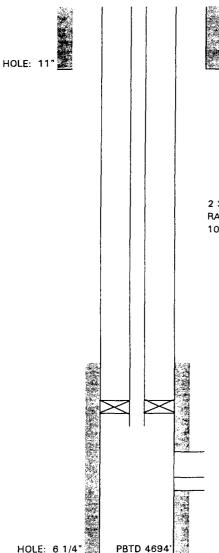
660' FNL & 2005' FEL Section 25, T-26-S, R-32-E Lea County, New Mexico

SPUD: 8/4/59 COMPLETION: 8/19/59

Drilling comments:

KB: 11' AGL

**Completion Comments:** 



TD 4696'

Trinity Reg w/ 4% gel (circ)

7 5/8", 24# H-40 @ 651' cmt. W/300 sxs

2 3/8" BARE STEEL TUBING RAN @ NO MORE THAN 100' ABOVE PERFORATIONS

TOC @ 3450 by WELL RECORD

BAKER MODEL AD-1 ( or EQUIVALENT or BETTER)

PACKER SET NO MORE THAN 100' ABOVE PERFORATIONS

Ramsey Perfs

4651'-61' w/ 3 JSPF 4676'-90' w/ 3 JSPF DELAWARE SAND INJECTION FORMATION NORTH EL MAR FIELD

DRILLED ORIGINALLY FOR OIL WELL NO PERFORATIONS IN ANY OTHER ZONE NO OVERLYING and/or UNDERLYING OIL OR GAS

ZONES IN THIS AREA

 $4\ 1/2"\ 9.5\ \#\ J-55\ @\ 4696'\ cmt.\ W/\ 175\ sxs.\ W/\ 490\ gel.$ 

# Bobby Gray/Gray Pumping 915/943-4397

Status	(WIWSI) Formerly: Wilder #9
County & State	Lea County, New Mexico
Spud Date:	08/04/59
Completion	08/19/59
Total Depth	4,696'
Surface Casing	7 5/8" @ 651' 300 sx TOC: Circ. to Surface
	Hole Size: 11"
Production Casing	4 1/2" @ 4,696' 175 sx TOC: 3,450'
	Hole Size: 6 1/4"
Tubing Size	2 3/8" bare steel tbg ran @ no more than 100' above perforations.
Perforations	4,651'-62'; 4,276'-90'
Packer Size & Type	Baker Model AD-1 (or equivalent or better). Packer set no more than 100' above perforations.
Bridge Plug, If one	

### QUAY VALLEY, INC

#### North El Mar Unit #8

#### FORMERLY CONTINENTAL OIL WILDER #23

(API# 30-025-082870)

PROPOSED CO2 INJECTION CONFIGURATION

990' FNL & 990' FWL Section 25, T-26-S, R-32-E Lea County, New Mexico

SPUD: 5/19/60 COMPLETION: 6/6/60

Drilling comments:

**Completion Comments:** 

GL: 3122 KB: 3133

HOLE: 11" 7 5/8" surface casing @ 340' w/ 175 sx cmt (circ) TOC @ 1050' by WELL RECORD 2 3/8" BARE STEEL TUBING RAN @ NO MORE THAN 100' ABOVE PERFORATIONS PACKER SET NO MORE THAN 100' ABOVE PERFORATIONS 4639'-42' 4644'-48' 4652'-54' HOLE: 6 3/4" 4 1/2" OD, 9.5# production Csg @

TD 4684

4684' w/ 845 sx cmt

DELAWARE SAND INJECTION FORMATION NORTH EL MAR FIELD

BAKER MODEL AD-1 (or EQUIVALENT or BETTER) DRILLED ORIGINALLY FOR OIL WELL NO PERFORATIONS IN ANY OTHER ZONE UNDERLYING OIL OR GAS ZONES IN THIS AREA

# Bobby Gray/Gray Pumping 915/943-4397

Status	(WIWSI) Formerly: Wilder #23
County & State	Lea County, New Mexico
Spud Date:	05/19/60
Completion	06/06/60
Total Depth	4,684'
Surface Casing	7 5/8" @ 340' 175sx TOC: Surface
	Hole Size: 11"
Production Casing	4 1/2" @ 4,684 2,275 cu ' TOC: 1,050'
	Hole Size: 6 3/4"
Tubing Size	2 3/8" bare steel tbg ran @ no more than 100' above perforations.
Perforations	4,639'-42', 4,644'-48', 4,652'-54'
Packer Size & Type	Baker Model AD-1 (or equivalent or better). Packer set no more than 100' above perforations.
Bridge Plug, If one	

# QUAY VALLEY, INC

#### North El Mar Unit #12

#### **FORMERLY CONTINENTAL OIL WILDER #21**

(API# 30-025-082940)

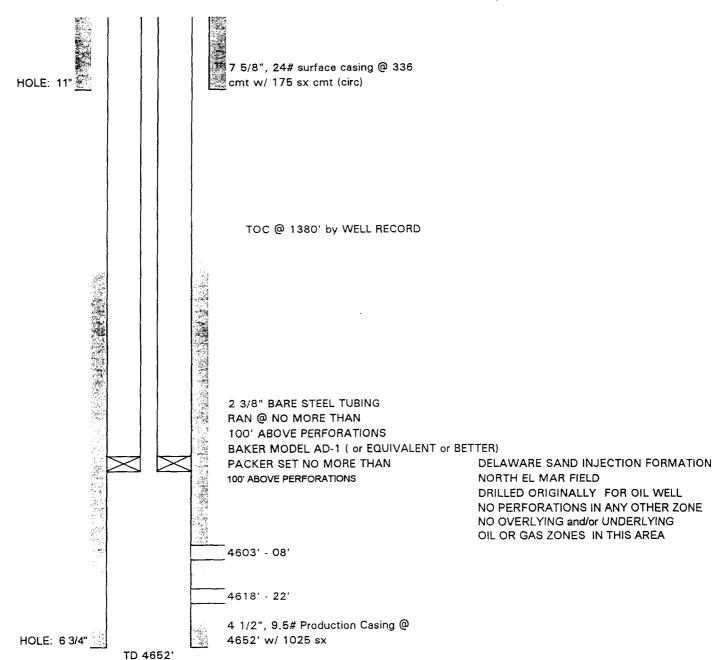
1980' FNL & 660' FEL ection 26, T-26-S, R-32 Lea County, New Mexico Unit H,

3110' GL 3121'DF

SPUD: 4/29/60 COMPLETION: 5/16/60

Drilling comments:

**Completion Comments:** 



# Bobby Gray/Gray Pumping 915/943-4397

Status	(WIWSI) Formerly: Wilder #21
County & State	Lea County, New Mexico
Spud Date:	04/29/60
Completion	05/16/60
Total Depth	4,652'
Surface Casing	7 5/8" @ 336' 175 sx TOC: Surface
	Hole Size: 11"
Production Casing	4 1/2" @ 4,652' 1025 sx TOC: 1,380'
	Hole Size: 6 3/4"
Tubing Size	2 3/8" bare steel tbg ran @ no more than 100' above perforations.
Perforations	4,603'-22'
Packer Size & Type	Baker Model AD-1 (or equivalent or better). Packer set no more than 100' above perforations.
Bridge Plug, If one	

### QUAY VALLEY, INC

#### North El Mar Unit #14

#### FORMERLY CONTINENTAL OIL WILDER #6

(API# 30-025-082770)

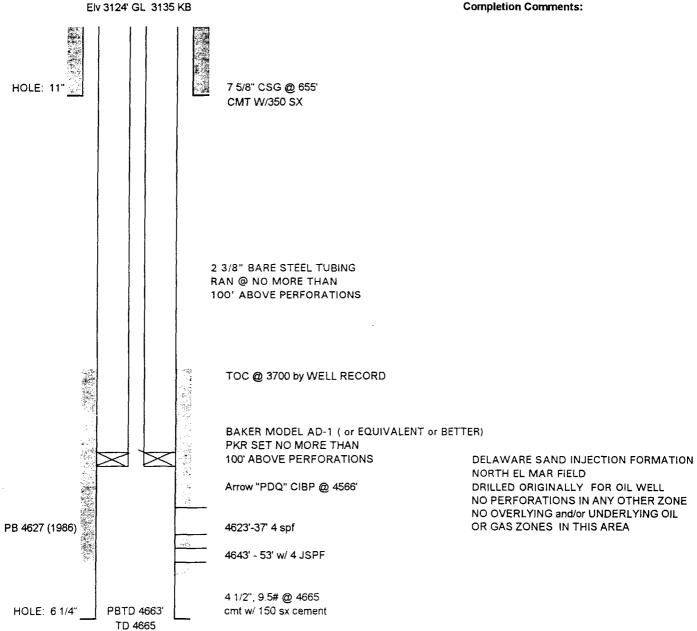
PROPOSED CO2 INJECTION CONFIGURATION

1980' FNL & 1980' FWL Section 25, T-26-S, R-32-E Lea County, New Mexico

SPUD: 7/1/59 COMPLETION: 7/11/59

**Drilling comments:** 

**Completion Comments:** 



# Bobby Gray/Gray Pumping 915/943-4397

Status	(WIWSI) Formerly: Wilder # 6	
County & State	Lea County, New Mexico	
Spud Date:	07/01/59	
Completion	07/11/59	
Total Depth	4,665'	
Surface Casing	7 5/8" @ 655' 350 sx TOC: Surface	
	Hole Size: 11"	
Production Casing	4 1/2" @ 4,655' 150 sx TOC: 3,700'	
	Hole Size: 6 1/4"	
Tubing Size	2 3/8" bare steel tbg ran @ no more than 100' above perforations.	
Perforations	4,623'-37', 4,643-53'	
Packer Size & Type	Baker Model AD-1 (or equivalent or better) packer set no more than 100' above perforations.	
Bridge Plug, If one		

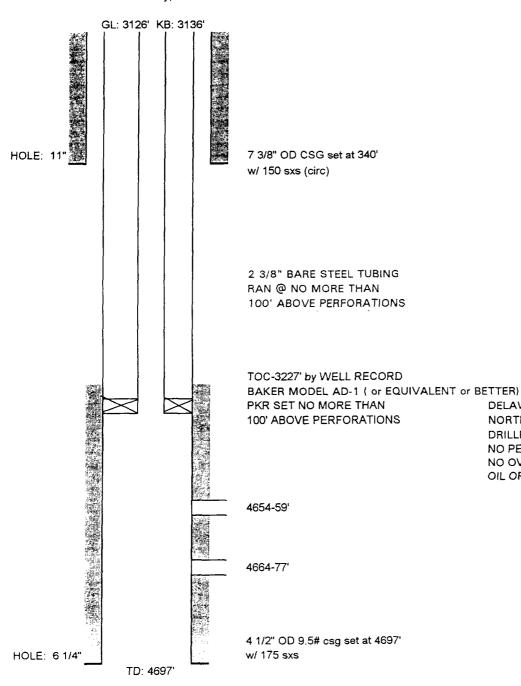
#### North El Mar Unit #16

#### **FORMERLY CONTINENTAL OIL WILDER #10**

( API# 30-025-082810)
PROPOSED CO2 INJECTION CONFIGURATION

Spud Date: 8/16/59 Completion: 8/25/59

1880' FNL & 660' FWL Section 30, Township 65 South, Range 33 East Lea County, NM



ETTER)

DELAWARE SAND INJECTION FORMATION

NORTH EL MAR FIELD

DRILLED ORIGINALLY FOR OIL WELL

NO PERFORATIONS IN ANY OTHER ZONE

NO OVERLYING and/or UNDERLYING

OIL OR GAS ZONES IN THIS AREA

# Bobby Gray/Gray Pumping 915/943-4397

Status	(WIWSI)	Formerly: Wilder #10
County & State	Lea County, New Mexico	
Spud Date:	08/16/59	
Completion	08/25/59	
Total Depth	4,697'	
Surface Casing	7 5/8" @ 340' 150 sx	TOC: Surface
	Hole Size: 11"	
Production Casing	4 1/2" @ 4,697' 175 sx	TOC: 3,227'
	Hole Size: 6 1/4"	
Tubing Size	2 3/8" bare steel tbg ran @ no mo perforations	ore that 100' above
Perforations	4,654'-59, 4,664'-77'	
Packer Size & Type	Baker Model AD-1 (or equivalent or better) packer set no more than 100' above perforations.	
Bridge Plug, If one		

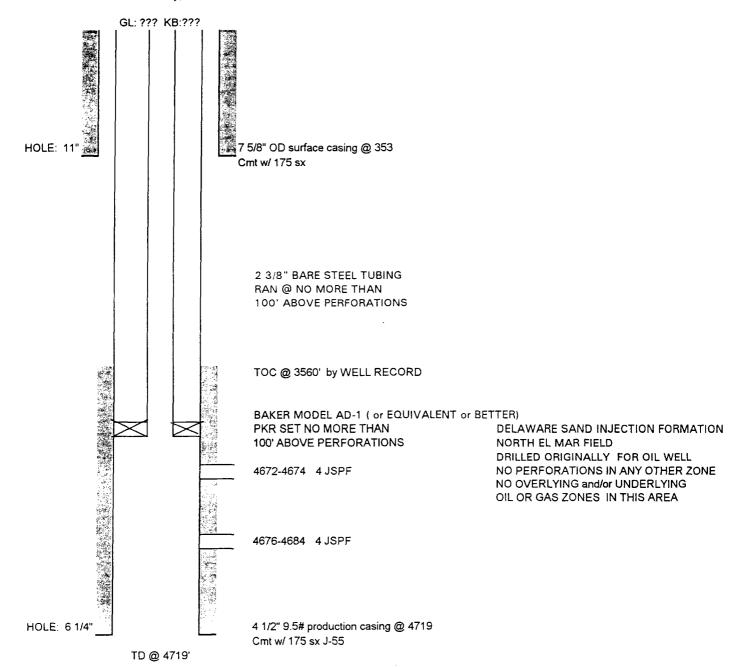
#### North El Mar Unit #20

#### FORMERLY CONTINENTAL OIL PAYNE #3

(API# 30-025-084310)
PROPOSED CO2 INJECTION CONFIGURATION

Spud Date: 1/10/60 Completion: 1/20/60

1980' FNL & 660' FEL Section 30, Township 26 South, Range 33 East Lea County, NM



# Bobby Gray/Gray Pumping 915/943-4397

Status	(WIWSI) Formerly: Payne #3	
County & State	Lea County, New Mexico	
Spud Date:	01/10/60	
Completion	01/20/60	
Total Depth	4,719'	
Surface Casing	7 5/8" @ 353' 175 sx TOC: Surface	
	Hole Size: 11"	
Production Casing	4 1/2" @ 4,719' 175 sx TOC: 3,560'	
	Hole Size: 6 1/4"	
Tubing Size	2 3/8" bare steel tbg ran @ no more than 100' above perforations.	
Perforations	4,672'-74', 4,676'-84'	
Packer Size & Type	Baker Model AD-1 (or equivalent or better) packer set no more than 100' above perforations.	
Bridge Plug, If one		

#### North El Mar Unit #22

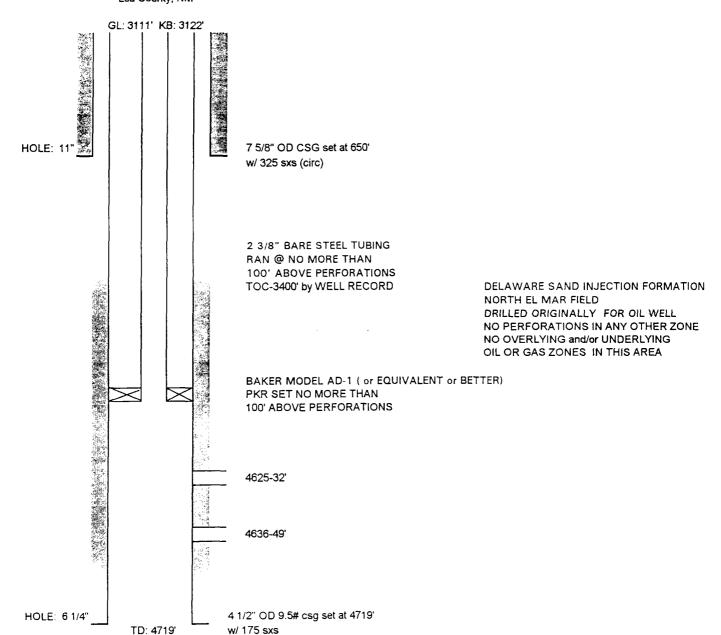
#### FORMERLY CONTINENTAL OIL WILDER #7

(API# 30-025-082780)

PROPOSED CO2 INJECTION CONFIGURATION

Spud Date: 7/12/59 Completion: 7/26/59

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



# Bobby Gray/Gray Pumping 915/943-4397

Status	(WIWSI) Formerly: Wilder #7	
County & State	Lea County, New Mexico	
Spud Date:	07/12/59	
Completion	07/26/59	
Total Depth	4,719'	
Surface Casing	7 5/8" @ 650' 325 sx TOC: Surface	
	Hole Size: 11"	
Production Casing	4 1/2" @ 4,719' 175 sx TOC: 3,400'	
	Hole Size: 6 14"	
Tubing Size	2 3/8" bare steel tbg. ran @ no more than 100' above perforations.	
Perforations	4,625'-32', 4,636'-49'	
Packer Size & Type	Baker Model AD-1 (or equivalent or better) packer set no more than 100' above perforations.	
Bridge Plug, If one		

#### North El Mar Unit #24

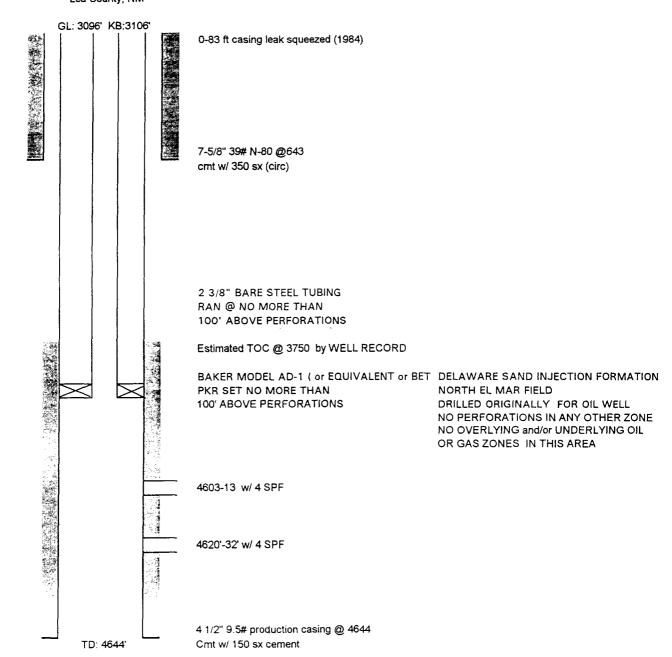
#### FORMERLY CONTINENTAL OIL WILDER #3

(API# 30-025-082750)

PROPOSED CO2 INJECTION CONFIGURATION

Spud Date: 6/8/59 Completion: 6/23/59

1980' FSL & 660' FWL Section 25, Township 26 South, Range 32 East Lea County, NM



# Bobby Gray/Gray Pumping 915/943-4397

Status	(WIWSI) Formerly: Wilder #3	
County & State	Lea County, New Mexico	
Spud Date:	06/08/59	
Completion	06/23/59	
Total Depth	4,644'	
Surface Casing	7 5/8" @ 643' 350 sx TOC: Surface	
	Hole Size:	
Production Casing	4 1/2" @ 4,644' 150 sx TOC: 3,750' (est)	
	Hole Size:	
Tubing Size	2 3/8" bare steel tbg ran @ no more than 100' above perforations.	
Perforations	4,603'-13', 4,620'-32'	
Packer Size & Type	Baker Model AD-1 (or equivalent or better) packer set no more than 100' above perforations.	
Bridge Plug, If one		

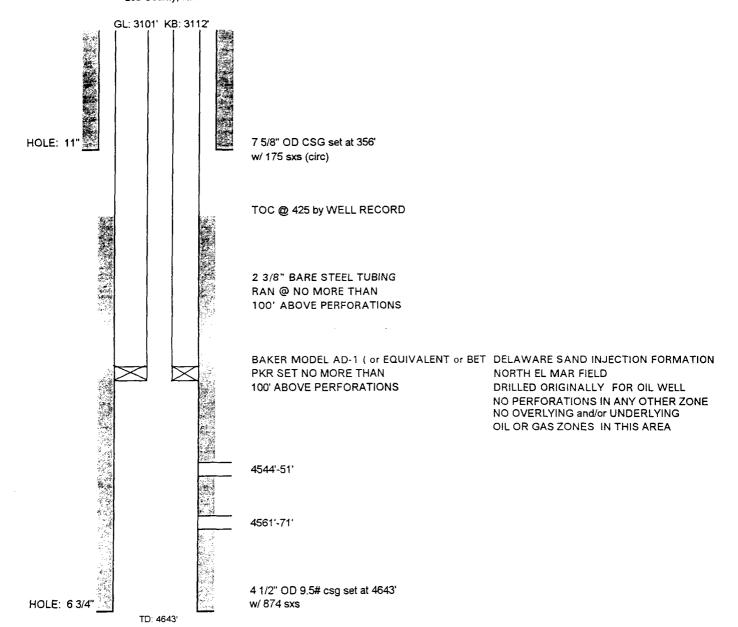
#### North El Mar Unit #26

#### FORMERLY CONTINENTAL OIL WILDER #20

(API# 30-025-082930)
PROPOSED CO2 INJECTION CONFIGURATION

Spud Date: 4/9/60 Completion: 4/25/60

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



# Bobby Gray/Gray Pumping 915/943-4397

Status	(WIW)	Formerly: Wilder #20
County & State	Lea County, New Mexico	
Spud Date:	04/09/60	
Completion	04/25/60	
Total Depth	4,643'	
Surface Casing	7 5/8" @ 356' 175 sx	TOC: Surface (?)
	Hole Size: 11"	
Production Casing	4 1/2" @ 4,643" 874 sx	TOC: 425'
	Hole Size: 6 3/4"	
Tubing Size	2 3/8" bare steel tbg ran @ no more than 100' above perforations.	
Perforations	4,544'-51', 4,561'-71'	
Packer Size & Type	Baker Model AD-1 (or equivalent or better) packer set no more than 100' above perforations.	
Bridge Plug, If one		

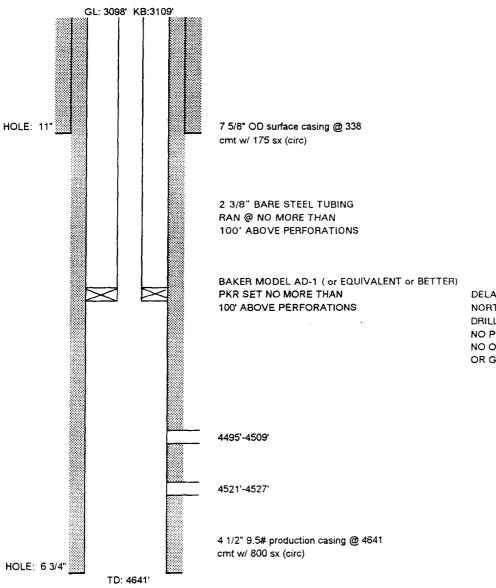
# Quay Valley North El Mar Unit #31

#### **FORMERLY CONTINENTAL OIL WILDER #19**

(AP!# 30-025-082920) PROPOSED CO2 INJECTION CONFIGURATION

Spud Date: 3/17/60 Completion: 4/1/60

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



DELAWARE SAND INJECTION FORMATION NORTH EL MAR FIELD DRILLED ORIGINALLY FOR OIL WELL NO PERFORATIONS IN ANY OTHER ZONE NO OVERLYING and/or UNDERLYING OIL OR GAS ZONES IN THIS AREA

# Bobby Gray/Gray Pumping 915/943-4397

Status	(WIWSI) Formerly: Wilder #19	
County & State	Lea County, New Mexico	
Spud Date:	03/17/60	
Completion	04/01/60	
Total Depth	4,641'	
Surface Casing	7 5/8" @ 338' 175 sx TOC: Surface	
	Hole Size: 11"	
Production Casing	4 1/2" @ 4,641' 800 sx TOC:	
	Hole Size: 6 3/4"	
Tubing Size	2 3/8" bare steel tbg ran @ no more than 100' above perforations.	
Perforations	4,495'-4,509', 4,521'-27'	
Packer Size & Type	Baker Model AD-1 (or equivalent or better) packer set no more than 100' above perforations.	
Bridge Plug, If one		

#### North El Mar Unit #33

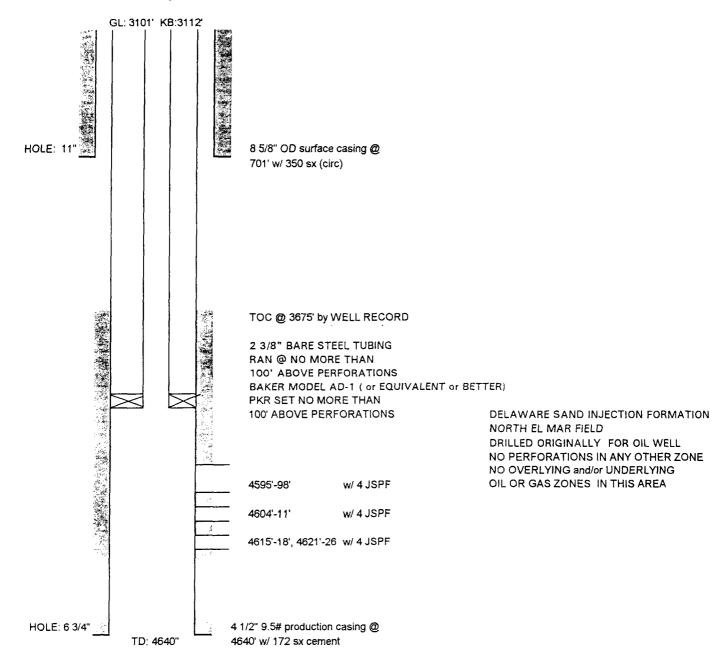
#### FORMERLY CONTINENTAL OIL WILDER #5

(API# 30-025-082880)

#### PROPOSED CO2 INJECTION CONFIGURATION

Spud Date: 4/29/59 Completion: 5/10/59

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



# Bobby Gray/Gray Pumping 915/943-4397

Status	(WIWSI) Formerly: Wilder #5	
County & State	Lea County, New Mexico	
Spud Date:	04/29/59	
Completion	05/10/59	
Total Depth	4,640'	
Surface Casing	8 5/8" @ 701 350 sx TOC: Surface (?)	
	Hole Size: 11" (?)	
Production Casing	4 1/2" @ 4,640' 172 sx TOC: 3,675	
	Hole Size: 6 3/4 (?)	
Tubing Size	2 3/8" bare steel tbg ran @ no more than 100' above perforations.	
Perforations	4,595'-98', 4,604'-11', 4,615'-18', 4,21'-4,626'	
Packer Size & Type	Baker Model AD-1 (or equivalent or better) packer set no more than 100' above perforations.	
Bridge Plug, If one		

#### North El Mar Unit #35

#### FORMERLY CONTINENTAL OIL WILDER #2

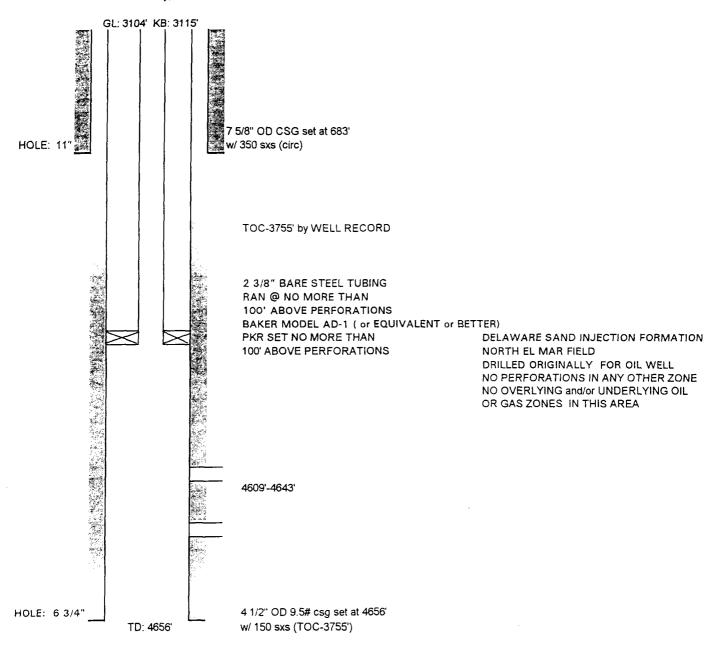
(API# 30-025-082740)

PROPOSED CO2 INJECTION CONFIGURATION

Spud Date: 5/24/59

Completion: 6/6/59

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



# Bobby Gray/Gray Pumping 915/943-4397

Status	(WIWSI) Formerly: Wilder #2
County & State	Lea County, New Mexico
Spud Date:	05/24/59
Completion	06/06/59
Total Depth	4,656'
Surface Casing	7 5/8" @ 683' 350 sx TOC: Surface
	Hole Size: 11"
Production Casing	4 1/2" @ 4,656' 150 sx TOC: 3,755'
	Hole Size: 6 3/4"
Tubing Size	2 3/8" bare steel tbg ran @ no more than 100' above perforations.
Perforations	4,609'-25', 4,635'-43'
Packer Size & Type	Baker Model AD-1 (or equivalent or better) packer set no more than 100' above perforations.
Bridge Plug, If one	

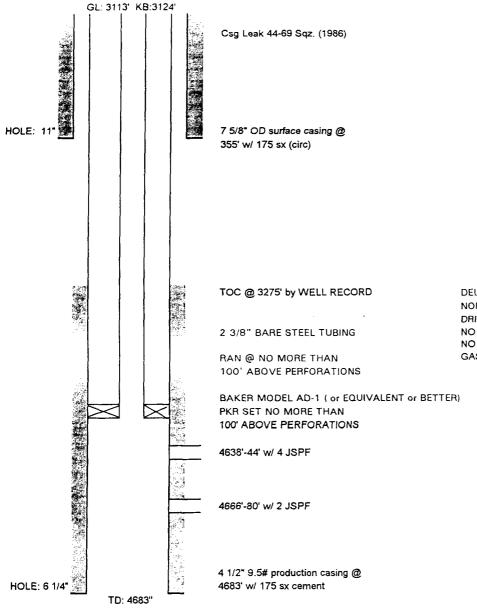
#### North El Mar Unit #37

#### **FORMERLY CONTINENTAL OIL WILDER #12**

(API# 30-025-082830)
PROPOSED CO2 INJECTION CONFIGURATION

Spud Date: 9/19/59 Completion: 9/30/59

660' FLS & 660' FEL Section 25, Township 26 South, Range 32 East Lea County, NM



DELAWARE SAND INJECTION FORMATION NORTH EL MAR FIELD DRILLED ORIGINALLY FOR OIL WELL NO PERFORATIONS IN ANY OTHER ZONE NO OVERLYING and/or UNDERLYING OIL OR

# Bobby Gray/Gray Pumping 915/943-4397

Status	(WIWSI) Formerly: Wilder #12
County & State	Lea County, New Mexico
Spud Date:	09/19/59
Completion	09/30/59
Total Depth	4,683'
Surface Casing	7 5/8" @ 355' 175 sx TOC: Surface
	Hole Size: 11"
Production Casing	4 1/2" @ 4,683' 175 sx TOC: 3,275'
	Hole Size: 6 1/4"
Tubing Size	2 3/8" bare steel tbg ran @ no more than 100' above perforations.
Perforations	4,638'-44', 4,666'-80'
Packer Size & Type	Baker Model AD-1 (or equivalent or better) packer set no more than 100' above perforations.
Bridge Plug, If one	

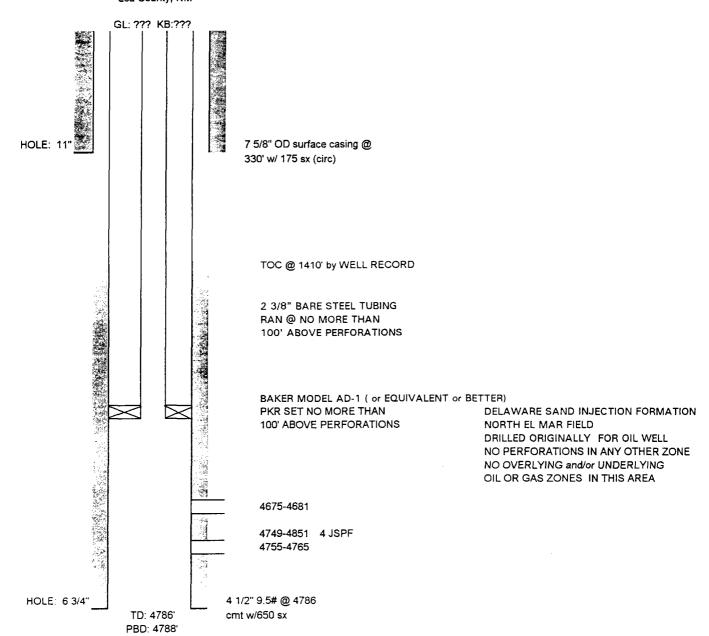
#### North El Mar Unit #39

#### FORMERLY CONTINENTAL OIL PAYNE #11

(API# 30-025-084350)
PROPOSED CO2 INJECTION CONFIGURATION

Spud Date: 7/13/60 Completion: 8/2/60

660' FSL & 1650' FWL Section 30, Township 26 South, Range 33 East Lea County, NM



# Bobby Gray/Gray Pumping 915/943-4397

Status	(WIWSI) Formerly: Payne #11
County & State	Lea County, New Mexico
Spud Date:	07/13/60
Completion	08/02/60
Total Depth	4,786'
Surface Casing	7 5/8" @ 330' 175 sx TOC: Surface
	Hole Size: 11"
Production Casing	4 1/2" @ 4,786' 650 sx TOC: 1,410'
	Hole Size: 6 3/4"
Tubing Size	2 3/8" bare steel tbg ran @ no more than 100' above perforations.
Perforations	4,675'-81',4749'-51', 4755'-65'
Packer Size & Type	Baker Model AD-1 (or equivalent or better) packer set no more than 100' above perforations.
Bridge Plug, If one	

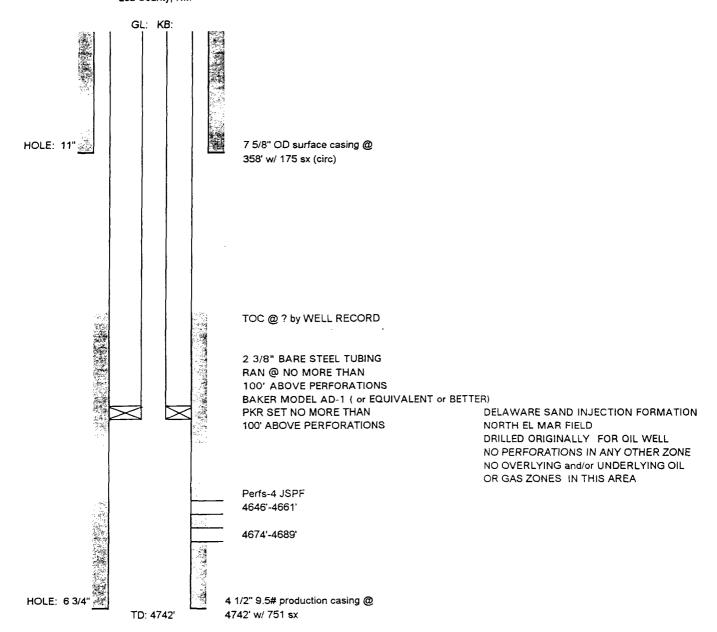
#### North El Mar Unit #41

#### FORMERLY CONTINENTAL OIL PAYNE #7

(API# 30-025-084370)
PROPOSED CO2 INJECTION CONFIGURATION

Spud Date: 2/22/60 Completion: 3/3/60

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



# Bobby Gray/Gray Pumping 915/943-4397

Status	(WIWSI) Formerly: Payne #7
County & State	Lea County, New Mexico
Spud Date:	02/22/60
Completion	03/03/60
Total Depth	4,742'
Surface Casing	7 5/8" @ 358' 175 sx TOC: Surface (Circ)
	Hole Size: 11"
Production Casing	4 1/2" @ 4,742' 751 sx TOC: Surface (Circ)
	Hole Size: 6 3/4"
Tubing Size	2 3/8" bare steel tbg ran @ no more than 100' above perforations.
Perforations	4,646'-61', 4,674'-89'
Packer Size & Type	Baker Model AD-1 (or equivalent or better) packer set no more than 100' above perforations.
Bridge Plug, If one	

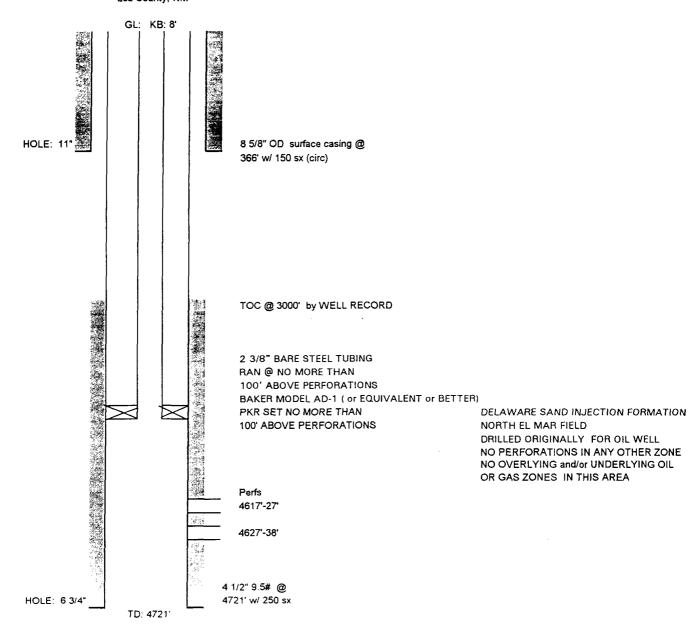
#### North El Mar Unit #42

#### FORMERLY KERN COUNTY LAND STATE 36 #3

(API# 30-025-083160)
PROPOSED CO2 INJECTION CONFIGURATION

Spud Date: 10/6/59 Completion: 10/18/59

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



# Bobby Gray/Gray Pumping 915/943-4397

Status	(WIWSI) Formerly: State 36 #3
County & State	Lea County, New Mexico
Spud Date:	10/06/59
Completion	10/18/59
Total Depth	4,721'
Surface Casing	8 5/8" @ 366' 150 sx TOC: Surface
	Hole Size: 11"
Production Casing	4 1/2" @ 4,721' 250 sx TOC: 3,000'
	Hole Size: 6 3/4"
Tubing Size	2 3/8" bare steel tbg ran @ no more than 100' above perforations.
Perforations	4,617'-27', 4,627'-38'
Packer Size & Type	Baker Model AD-1 (or equivalent or better) packer set no more than 100' above perforations.
Bridge Plug, If one	

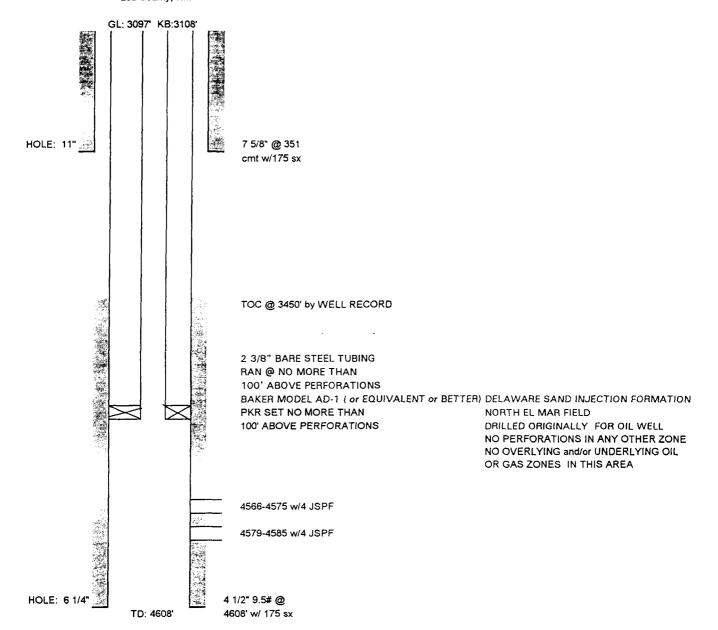
# Quay Valley North El Mar Unit #46

#### **FORMERLY CONTINENTAL OIL BRADLEY 35 #4**

(API# 30-025-083110) PROPOSED CO2 INJECTION CONFIGURATION

Spud Date: 12/30/59 Completion: 1/9/60

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



# Bobby Gray/Gray Pumping 915/943-4397

Status	(WIWSI) Formerly: Bradley 35 #4		
County & State	Lea County, New Mexico		
Spud Date:	12/30/59		
Completion	01/09/60		
Total Depth	4,608'		
Surface Casing	7 5/8" @ 351' 175 sx TOC: Surface		
	Hole Size: 11"		
Production Casing	4 1/2" @ 4,608' 175 sx TOC: 3,450'		
	Hole Size: 6 1/4"		
Tubing Size	2 3/8" bare steel tbg ran @ no more than 100' above perforations.		
Perforations	4,566'-75', 4,579'-85'		
Packer Size & Type	Baker Model AD-1 (or equivalent or better) packer set no more than 100' above perforations.		
Bridge Plug, If one			

## **Quay Valley**

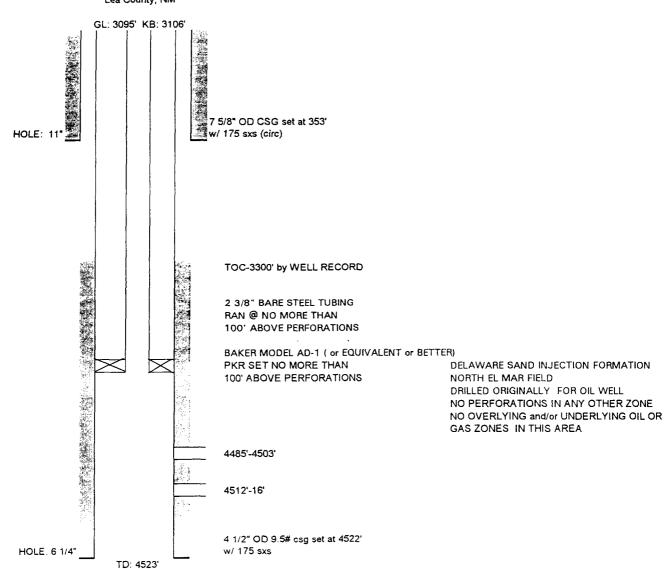
#### North El Mar Unit #48

Spud Date: 11/16/59

Completion: 11/27/59

# Formerly Continental - Bradley #2 (API# 30-025-083090) PROPOSED CO2 INJECTION CONFIGURATION

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



# Bobby Gray/Gray Pumping 915/943-4397

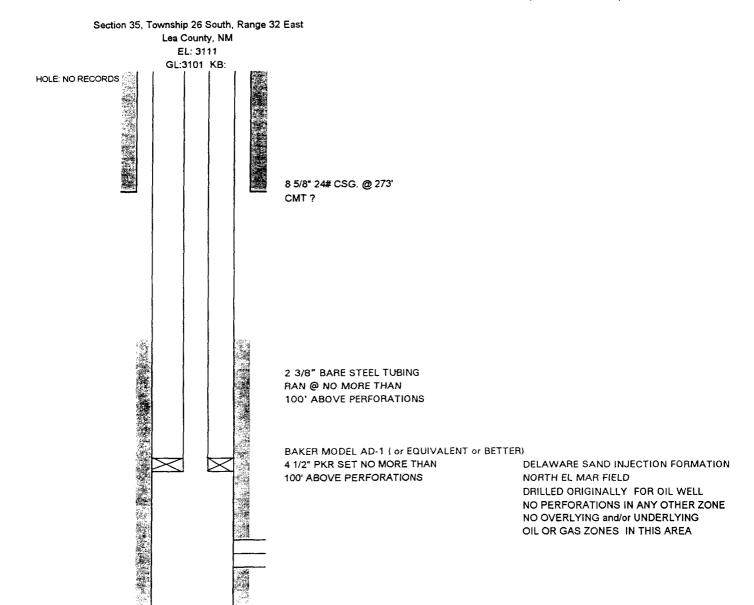
Status	(WIWSI) Formerly: Bradley 35 #2		
County & State	Lea County, New Mexico		
Spud Date:	11/16/59		
Completion	11/27/59		
Total Depth	4,523'		
Surface Casing	7 5/8" @ 353' 175 sx TOC: Surface		
	Hole Size: 11"		
Production Casing	4 1/2" @ 4,522' 175 sx TOC: 3,300'		
	Hole Size: 6 1/4"		
Tubing Size	2 3/8" bare steel tbg ran @ no more than 100' above perforations.		
Perforations	4,485'-4,503', 4,512'-16'		
Packer Size & Type	Baker Model AD-1 (or equivalent or better) packer set no more than 100' above perforations.		
Bridge Plug, If one			

# Quay Valley North El Mar Unit #50

#### **FORMERLY ELLIOT FEDERAL #1**

(API# 30-025-083050) PROPOSED CO2 INJECTION CONFIGURATION

Spud Date:6/26/59 Completion: 7/09/59



4 1/2" 9.5# CSG @ 4540 W/125 SAX CMT

PERF: 4550-66

PB: 4540

TD:4550'

HOLE: 6 3/4"

# Bobby Gray/Gray Pumping 915/943-4397

Status	(WIW) Formerly: Elliot Federal #1			
County & State	Lea County, New Mexico			
Spud Date:	06/26/59			
Completion	07/09/59			
Total Depth	4,550'			
Surface Casing	8 5/8" @ 273' 125 sx TOC: ?			
	Hole Size: ?			
Production Casing	4 1/2" @ 4,540' 125 sx TOC: ?			
	Hole Size: ?			
Tubing Size	2 3/8" bare steel tbg ran @ no more than 100' above perforations.			
Perforations	4,450'-4,466'			
Packer Size & Type	Baker Model AD-1 (or equivalent or better) packer set no more than 100' above perforations.			
Bridge Plug, If one				

## **Quay Valley**

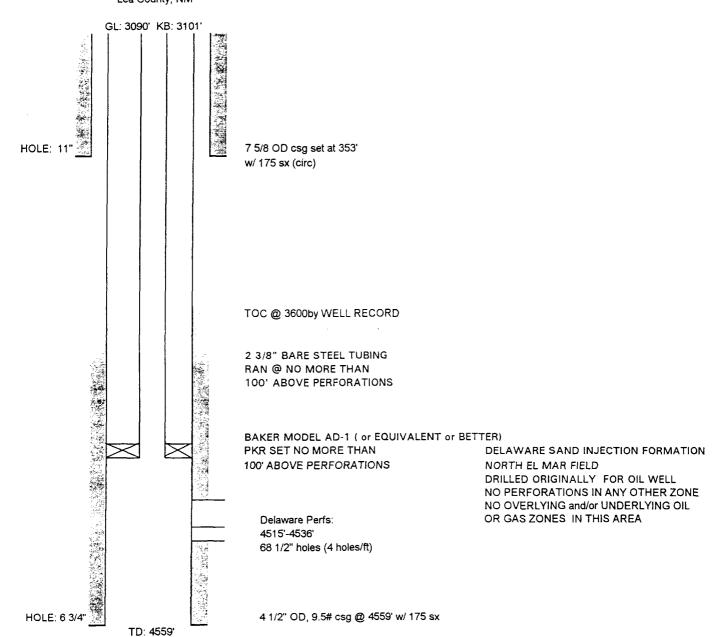
#### North El Mar Unit #51

#### FORMERLY CONTINENTAL OIL PAYNE #6

(API# 30-025-083120)
PROPOSED CO2 INJECTION CONFIGURATION

Spud Date: 12/10/59 Completion: 12/20/59

Section 35, Township 26 South, Range 32 East Lea County, NM



# Bobby Gray/Gray Pumping 915/943-4397

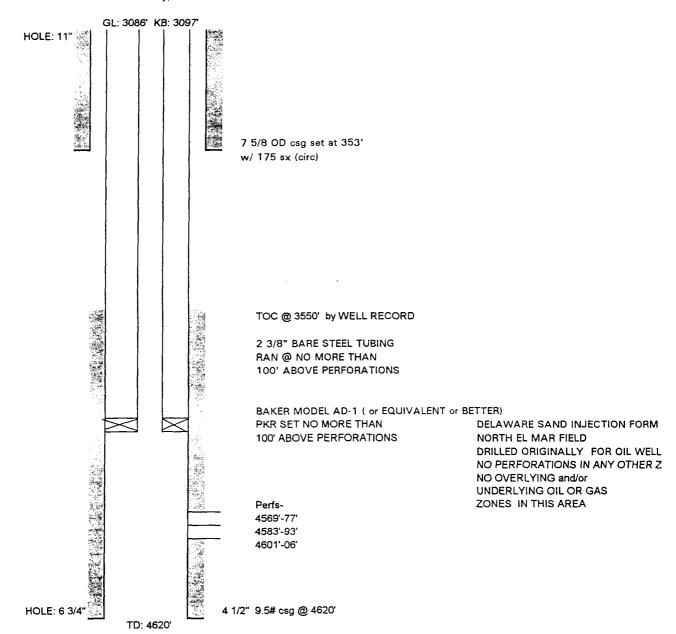
Status	(WIWSI) Formerly: Payne #6			
County & State	Lea County, New Mexico			
Spud Date:	12/10/59			
Completion	12/20/59			
Total Depth	4,559'			
Surface Casing	7 5/8" @ 353' 175 sx TOC: Surface			
	Hole Size: 11"			
Production Casing	4 1/2" @ 4,559' 175 sx TOC: 3,600'			
	Hole Size: 6 3/4"			
Tubing Size	2 3/8" bare steel tbg ran @ no more than 100' above perforations.			
Perforations	4,515'-23', 4,527'-36'			
Packer Size & Type	Baker Model AD-1 (or equivalent or better) packer set no more than 100' above perforations.			
Bridge Plug, If one				

## Quay Valley

North El Mar Unit #52 (API# 30-025-083130) PROPOSED CO2 INJECTION CONFIGURATION

> Spud Date:8/27/59 Completion: 9/6/59

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



# Bobby Gray/Gray Pumping 915/943-4397

Status	(WIWSI) Formerly: Payne #1		
County & State	Lea County, New Mexico		
Spud Date:	08/27/59		
Completion	09/06/59		
Total Depth	4,620′		
Surface Casing	7 5/8" @ 353' 175 sx TOC: ?		
	Hole Size: ?		
Production Casing	4 1/2" @ 4,620' 175 sx TOC: ?		
	Hole Size: ?		
Tubing Size	2 3/8" bare steel tbg ran @ no more than 100' above perforations.		
Perforations	4,569'-4,606'		
Packer Size & Type	Baker Model AD-1 (or equivalent or better) packer set no more than 100' above perforations.		
Bridge Plug, If one			

## **Quay Valley**

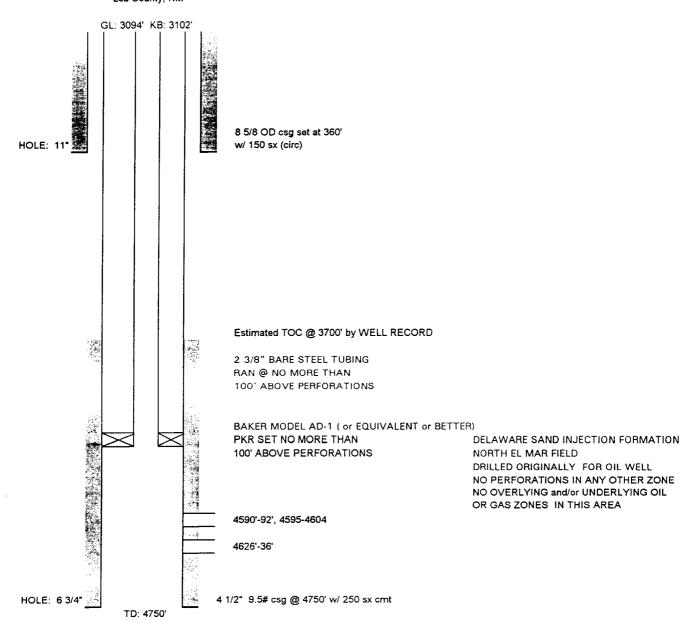
#### North El Mar Unit #54

#### FORMERLY KERN COUNTY LAND STATE 36 #5

(API# 30-025-083180)
PROPOSED CO2 INJECTION CONFIGURATION

Spud Date: 8/7/59 Completion: 8/19/59

543' FSL & 2108' FWL Section 36, Township 26 South, Range 32 East Lea County, NM



# Bobby Gray/Gray Pumping 915/943-4397

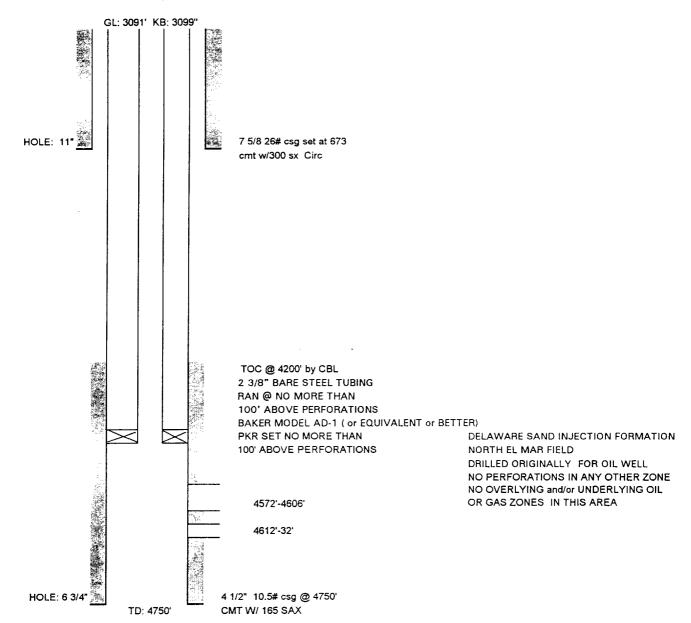
Status	(WIWSI) Formerly: State 36 #5			
County & State	Lea County, New Mexico			
Spud Date:	08/07/59			
Completion	08/19/59			
Total Depth	4,750′			
Surface Casing	8 5/8" @ 360' 150 sx TOC: Surface			
	Hole Size: 11"			
Production Casing	4 1/2" to 4,750' 250 sx TOC: 3,700'			
	Hole Size: 6 3/4"			
Tubing Size	2 3/8" bare steel tbg ran @ no more than 100' above perforations.			
Perforations	4,590'-92', 4,595'-4,604', 4,626'-36'			
Packer Size & Type	Baker Model AD-1 (or equivalent or better) packer set no more than 100' above perforations.			
Bridge Plug, If one				

### Quay Valley North El Mar Unit #58

# North El Mar Unit #58 (API# 30-025-249080) PROPOSED CO2 INJECTION CONFIGURATION

Spud Date: 3/25/75 Completion: 7/01/75

770' FNL & 990' FWL Section 36, Township 26 South, Range 32 East Lea County, NM



# Bobby Gray/Gray Pumping 915/943-4397

Status	(WIWSI)		
County & State	Lea County, New Mexico		
Spud Date:	03/25/75		
Completion	07/01/75		
Total Depth	4,750'		
Surface Casing	7 5/8" @ 673' 300 sx TOC: Surface		
	Hole Size: 11"		
Production Casing	4 1/2" @ 4,750' 165 sx TOC: 4,200'		
	Hole Size: 6 3/4"		
Tubing Size	2 3/8" bare steel tbg ran @ no more than 100' above perforations.		
Perforations	4,572'-4,606', 4,612'-32'		
Packer Size & Type	Baker Model AD-1 (or equivalent or better) packer set no more than 100' above perforations.		
Bridge Plug, If one			

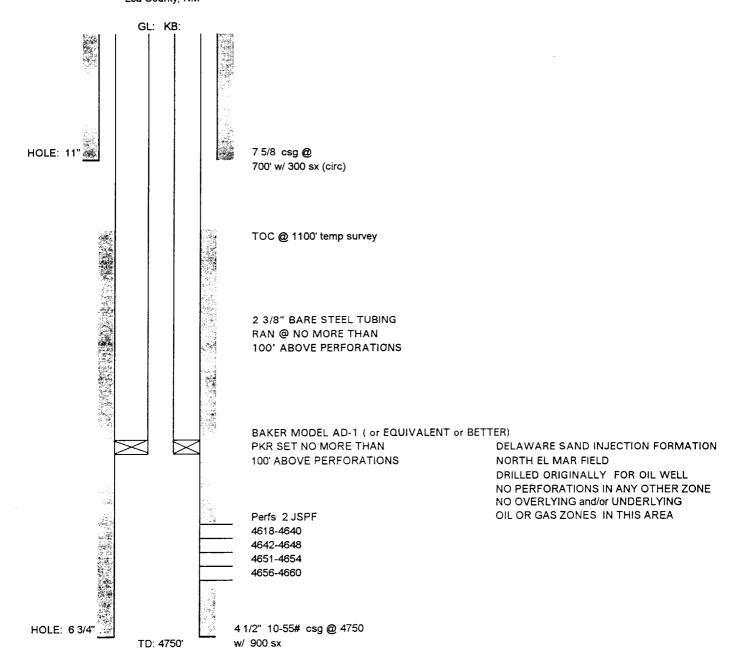
## **Quay Valley**

#### North El Mar Unit #62 (API# 30-025-254220)

#### PROPOSED CO2 INJECTION CONFIGURATION

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

Section 36, Township 26 South, Range 32 East Lea County, NM



# Bobby Gray/Gray Pumping 915/943-4397

Status	(WIWSI)			
County & State	Lea County, New Mexico			
Spud Date:	01/14/77			
Completion	02/14/77			
Total Depth	4,750'			
Surface Casing	7 5/8" @ 700' 300 sx TOC: Surface			
	Hole Size: 11"			
Production Casing	4 1/2" @ 4,750' 900 sx TOC: 1,100'			
	Hole Size: 6 3/4"			
Tubing Size	2 3/8" bare steel tbg ran @ no more than 100' above perforations.			
Perforations	4,618'-40', 4,642'-48', 4651'-54', 4,656'-60'			
Packer Size & Type	Baker Model AD-1 (or equivalent or better) packer set no more than 100' above perforations.			
Bridge Plug, If one				

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# LARGE FORMAT EXHIBIT HAS BEEN REMOVED AND IS LOCATED IN THE NEXT FILE

# Wells Located within NEMU boundaries other than Injection wells.

#### North Elmar Unit #1

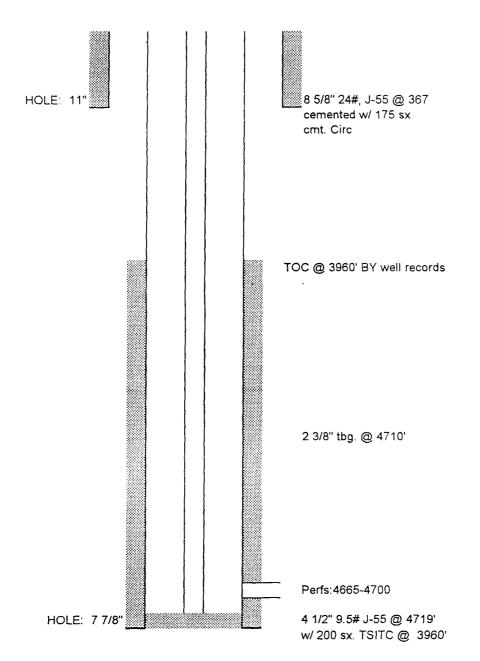
#### FORMERLY CONTINENTAL FEDERAL LITTLEFIELD "DR" #1

(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



**PBTD 4710** TD 4719'

# Bobby Gray/Gray Pumping 915/943-4397

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	

#### 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

PBTD 4755' TD 4790' 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.

Bobby Gray/Gray Pumping 915/943-4397

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'				

#### North Elmar Unit #3

#### FORMERLY ANTWEIL MORRIS R FEDERAL LITTLEFIELD DQ 1-X

(NMOCD#

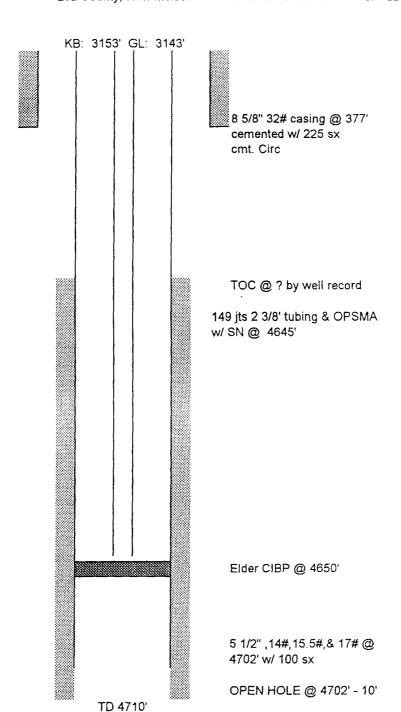
, API# 30-025-084200)

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



# Bobby Gray/Gray Pumping 915/943-4397

Status	(TA)	Formerly:	Federal Lit	ttlefield "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 @ 4,6	650 <sup>,</sup>		

#### North El Mar Unit #4

#### FORMERLY PENROSE PRODUCTION CO. BROWN FEDERAL #1

(NMOCD # \_\_\_\_, API# 30-025-084360)

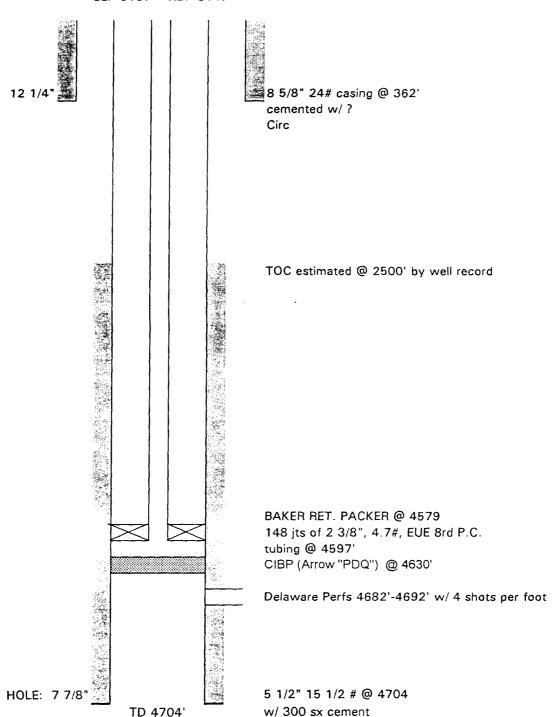
990' FNL & 330' FWL

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

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

Lea County, New Mexico EL: 3145'

GL: 3137' KB: 3147'



# Bobby Gray/Gray Pumping 915/943-4397

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 @ 4,63	0,

#### North El Mar Unit #5

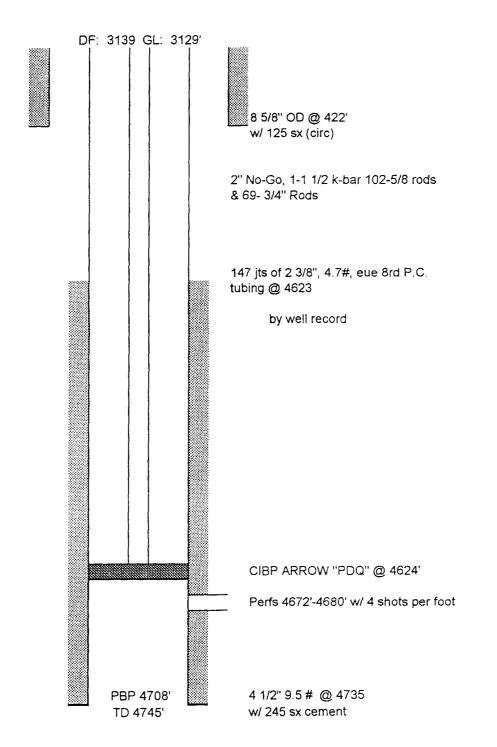
#### FORMERLY WORLDWIDE PETROLEUM MELISSA FEDERAL #1

(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



# Bobby Gray/Gray Pumping 915/943-4397

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 @ 4,6:	24'

#### North El Mar Unit #7

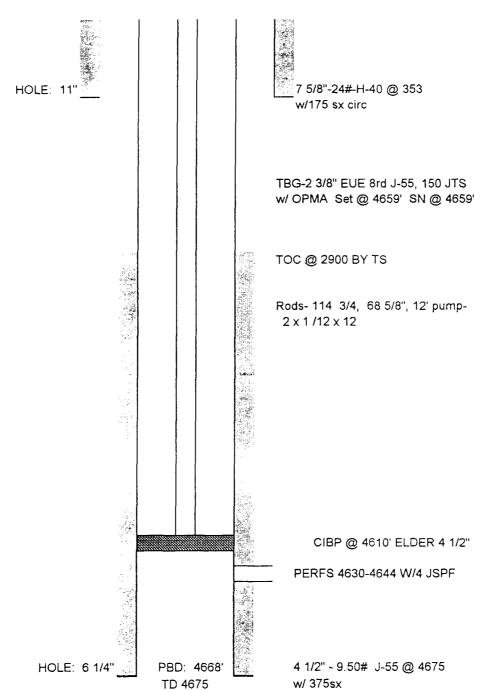
FORMERLY CONTINENTAL OIL WILDER #15 (NMOCD # \_\_\_\_, API# 30-025-082860)

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



# Bobby Gray/Gray Pumping 915/943-4397

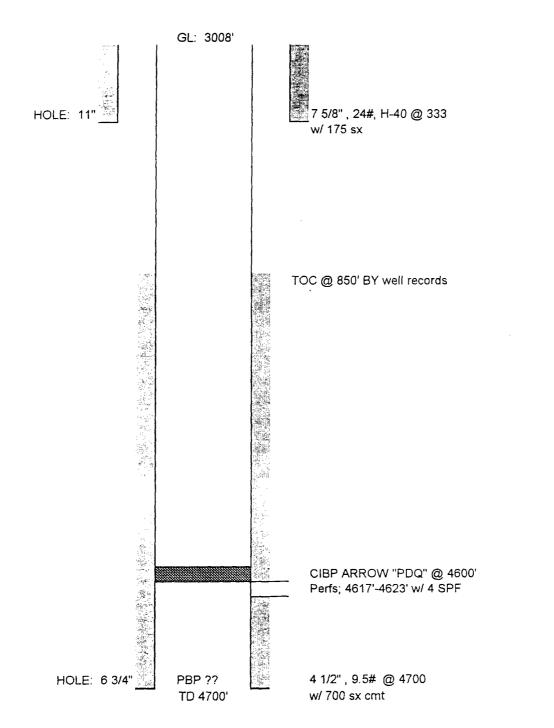
Status	(TA)	Formerly: Wilder #15
County & State	Lea County, New Mexico	
Spud Date:	11/29/59	
Completion	12/13/59	
Total Depth	4,675'	
Surface Casing	7 5/8" @ 353' 175 sx	TOC: Circ. to Surface
	Hole Size: 11"	
Production Casing	4 1/2" @ 4,675 375 sx	TOC: 2,900'
	Hole Size: 6 1/4"	
Tubing Size	2 3/8" @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

# 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



# Bobby Gray/Gray Pumping 915/943-4397

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'		

#### North El Mar Unit #10

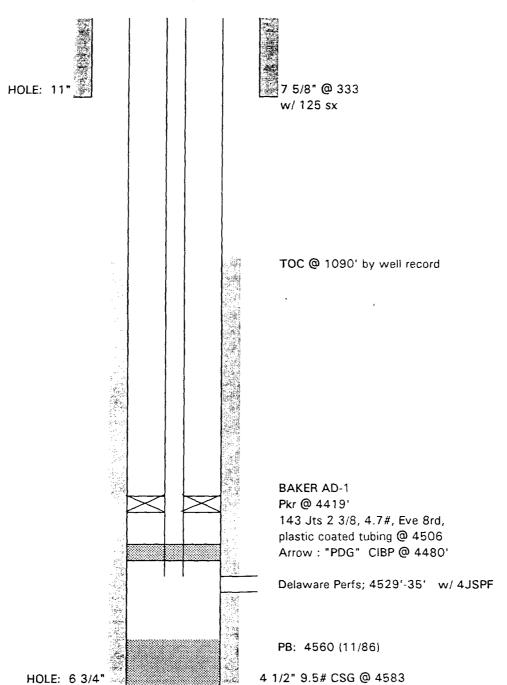
#### **FORMERLY CONTINENTAL OIL WILDER #27**

(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



CMT W/700 SX.

TD 4583'

# Bobby Gray/Gray Pumping 915/943-4397

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.	

#### North El Mar Unit #11

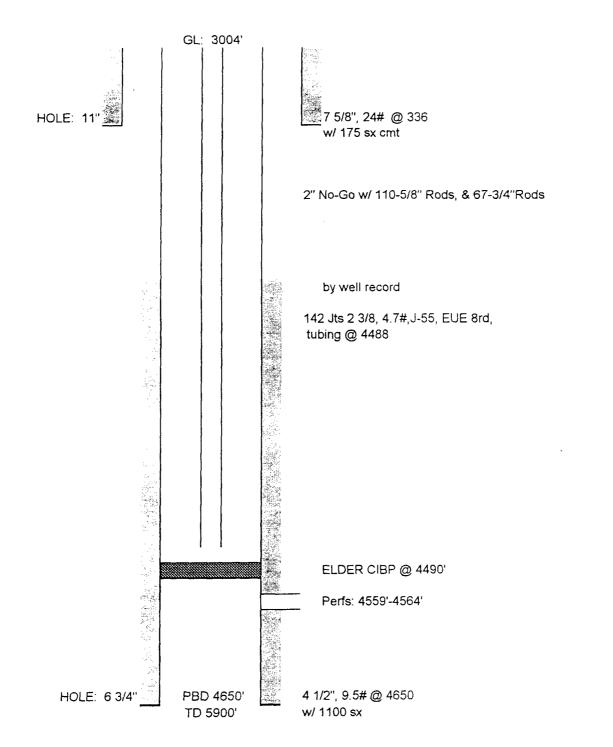
FORMERLY CONTINENTAL OIL WILDER #25 (NMOCD # \_\_\_\_, API# 30-025-082970)

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



# Bobby Gray/Gray Pumping 915/943-4397

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'	

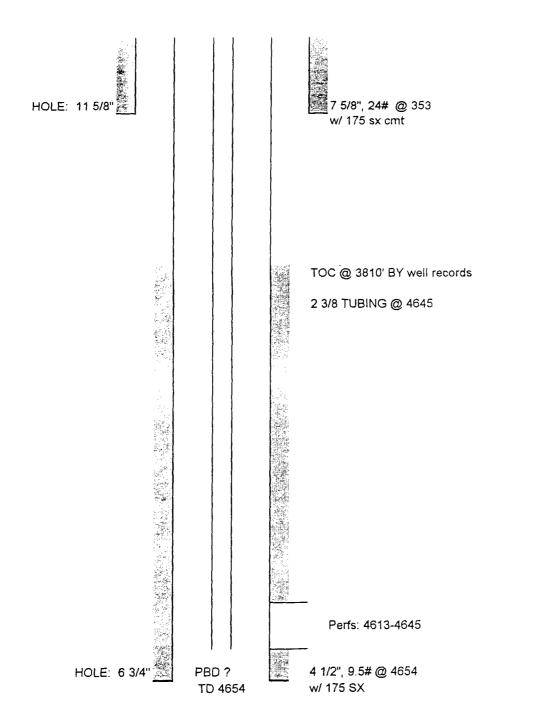
## QUAY VALLEY, INC

## 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



# Bobby Gray/Gray Pumping 915/943-4397

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

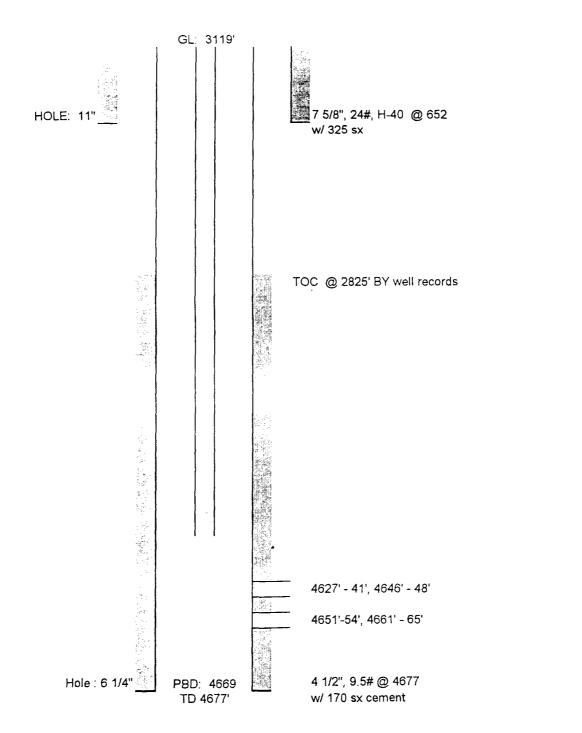
#### FORMERLY CONTINENTAL OIL WILDER #8

(NMOCD # \_\_\_, API# 30-025-082790)

1980' FNL & 1980' FEL

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

Section 25, T-26-S, R-32-E SPUD DATE: 7/23/59 COMPLETION DATE: 8/2/59



# Bobby Gray/Gray Pumping 915/943-4397

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', 4651'-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.	

#### North El Mar Unit #17

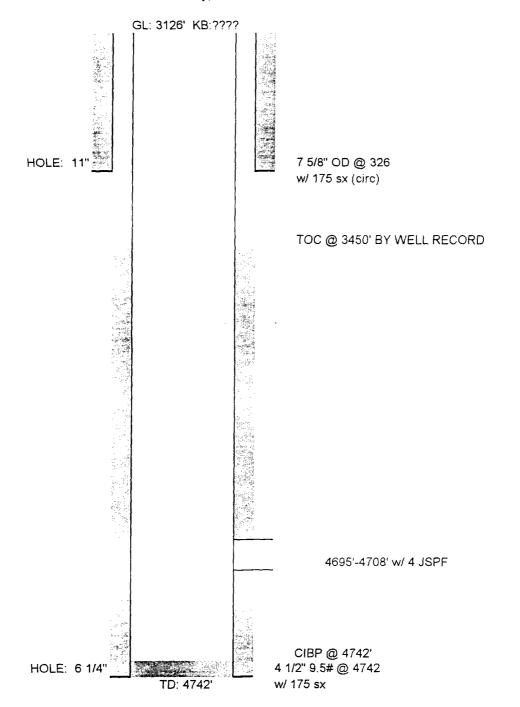
## FORMERLY CONTINENTAL OIL PAYNE #2 (NMOCD #?, API# 30-025-084300)

1880' FNL & 660' FWL

Spud Date: 9/7/59

Completion: 9/18/59

Section 30, Township 26 South, Range 33 East Lea County, NM



# Bobby Gray/Gray Pumping 915/943-4397

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**

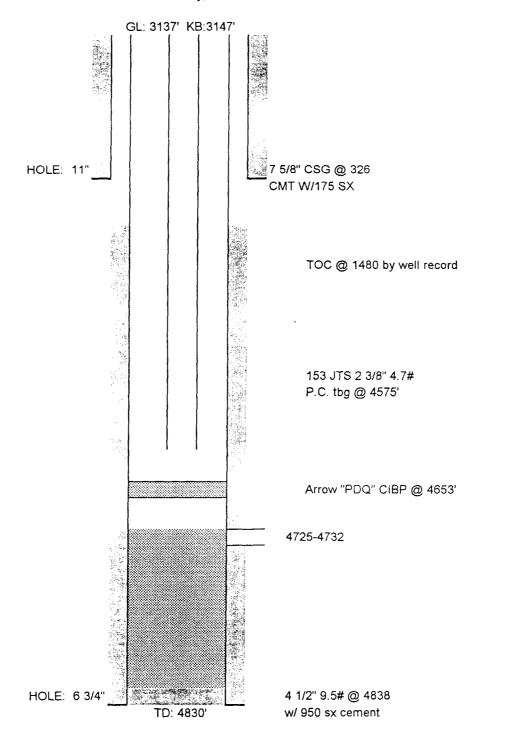
## North El Mar Unit #18 FORMERLY CONTINENTAL OIL PAYNE #8

(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

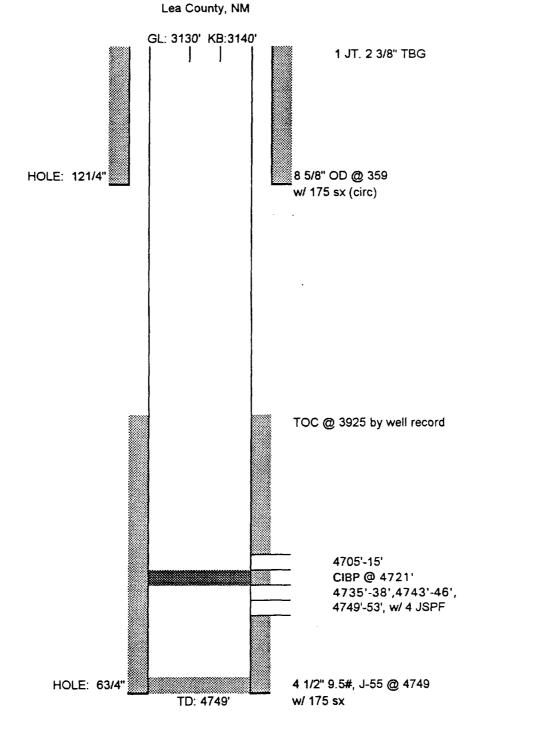


# Bobby Gray/Gray Pumping 915/943-4397

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'	

#### 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



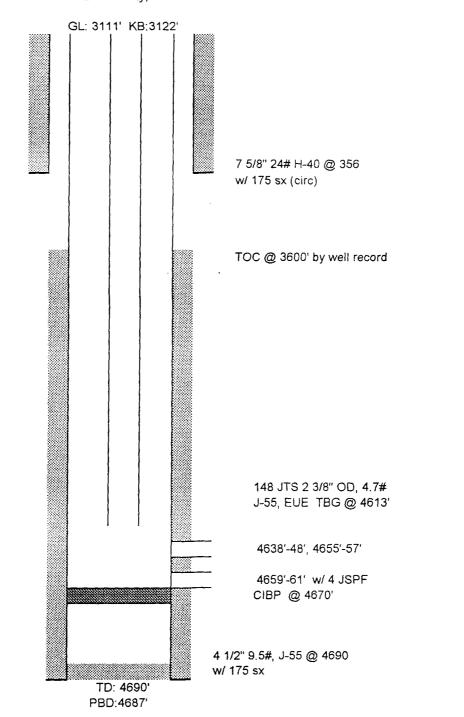
# Bobby Gray/Gray Pumping 915/943-4397

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"	

#### North El Mar Unit #21

FORMERLY CONTINENTAL OIL WILDER #13 (NMOCD #?, 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



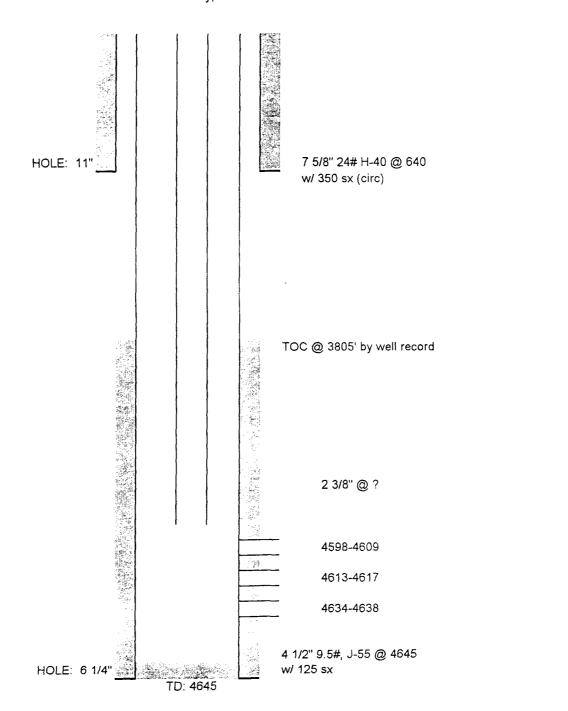
# Bobby Gray/Gray Pumping 915/943-4397

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'.)	

#### North El Mar Unit #23

FORMERLY CONTINENTAL OIL WILDER #4 (NMOCD #?, API# 30-025-082760)

1980' FSL & 1980' FWL Spud Date: 6/19/59 Completion: 6/30/59 Section 25, Township 26 South, Range 32 East
Lea County, NM



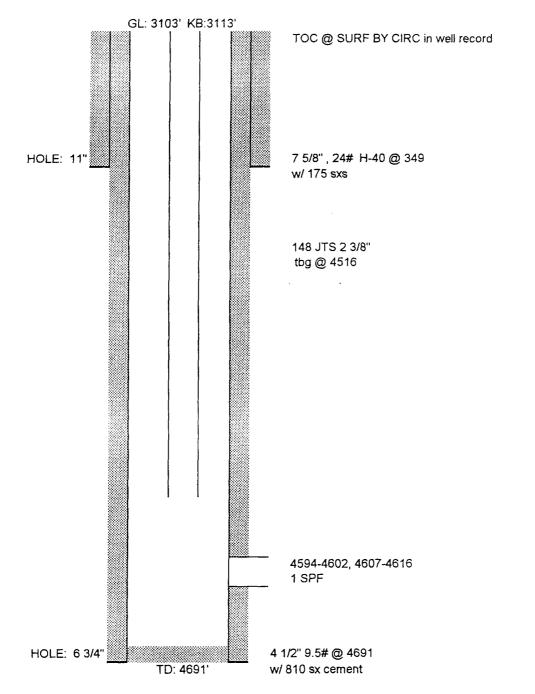
# Bobby Gray/Gray Pumping 915/943-4397

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		

#### North El Mar Unit #25

FORMERLY CONTINENTAL OIL WILDER #17 (NMOCD #?, API# 30-025-082900)

660' FEL & 1980' FSL Section 26, Township 26 South, Range 32 East Lea County, NM Spud Date: 2/10/60 Completion: 2/22/60



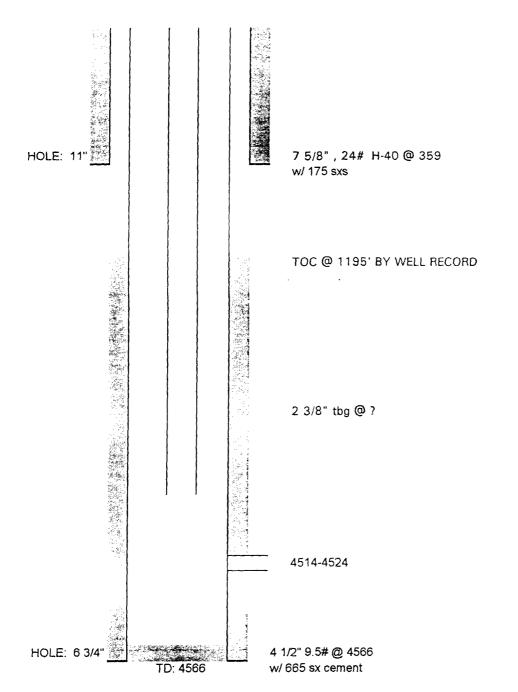
# Bobby Gray/Gray Pumping 915/943-4397

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.	

#### 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



# Bobby Gray/Gray Pumping 915/943-4397

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 CONTINTENTAL 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

TD 4607'

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

"0"-11' AGL 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) ELDER CIBP @ 4450' PB: 4492 (1986) Perfs; 4497'-4507' w/ 4 JSPF (1960) 4528'-36' w/ 2 JSPF (1975) 4 1/2", 9.5# @ 4607 w/ 770 sx

# Bobby Gray/Gray Pumping 915/943-4397

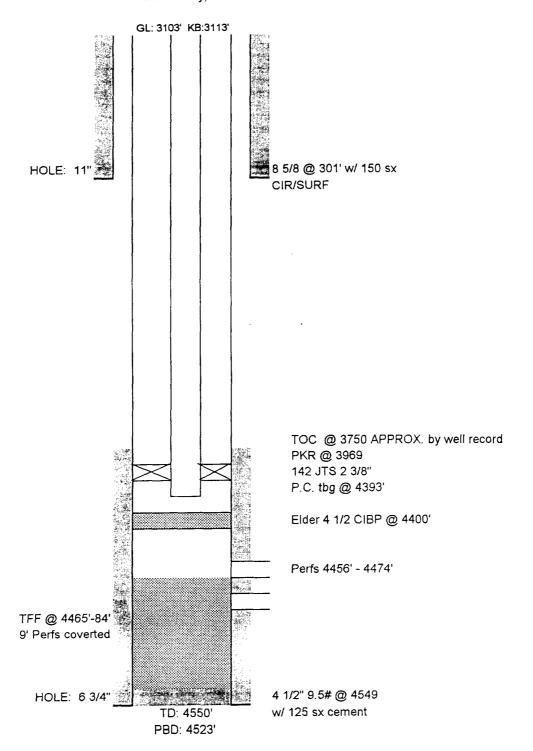
Status	(WIWSI)	Formerly: Wilder #24
County & State	Lea County, New Mexico	
Spud Date:	06/13/60	
Completion	07/17/60	
Total Depth	4,607'	
Surface Casing	7 5/8" @ 365' 175 sx	TOC: Surface
	Hole Size: 11"	
Production Casing	4 1/2" @ 4,607' 770 sx	TOC: 900'
	Hole Size: 6 3/4"	
Tubing Size	2 3/8"	
Perforations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

#### 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 Spu

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



# Bobby Gray/Gray Pumping 915/943-4397

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' perfs converted		
Packer Size & Type	@ 3,969'		
Bridge Plug, If one	Elder 4 1/2" CIBP @ 4,400	,	

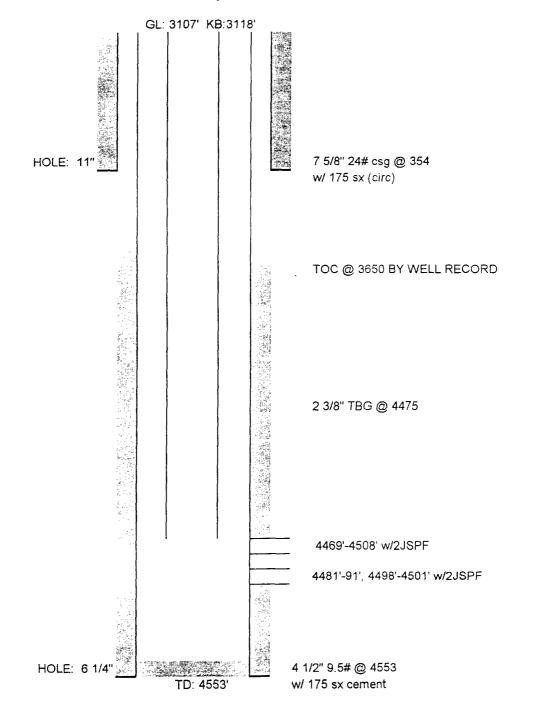
#### North El Mar Unit #30

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



# Bobby Gray/Gray Pumping 915/943-4397

Status	(POW)	Formerly: Wilder #16	
County & State	Lea County, New Mexico		
Spud Date:	01/30/60 (Respud 10/30/80	0)	
Completion	02/10/60	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		

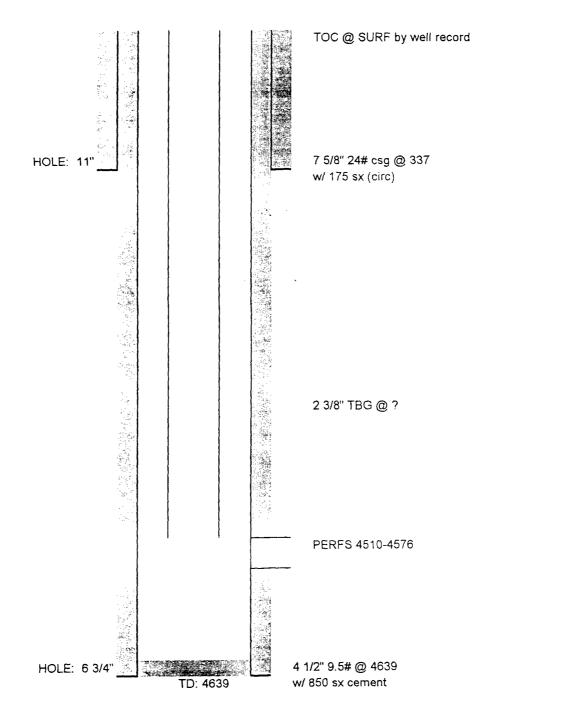
#### North El Mar Unit #32

FORMERLY CONTINENTAL OIL WILDER #18 (NMOCD #7, API# 30-025-082910)

660' FSL & 660' FEL

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

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



# Bobby Gray/Gray Pumping 915/943-4397

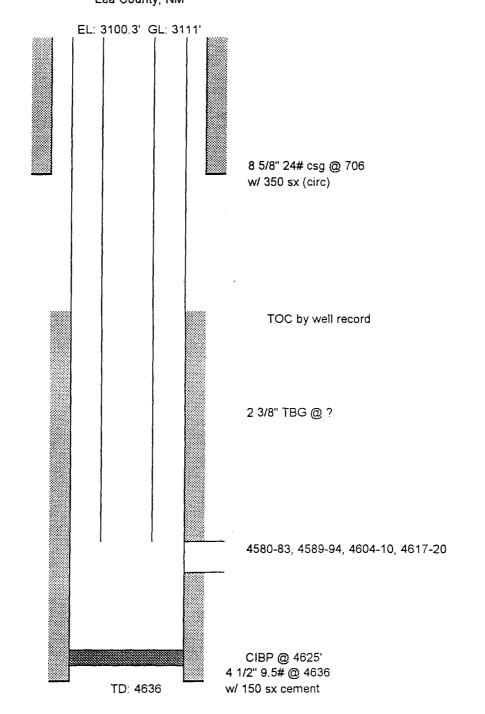
Status	(POW)	Formerly: Wilder #18
County & State	Lea County, New Mexico	
Spud Date:	03/03/60	
Completion	03/17/60	
Total Depth	4,639'	
Surface Casing	7 5/8" @ 337' 175 sx	TOC: Surface
	Hole Size: 11"	
Production Casing	4 1/2" @ 4,639' 850 sx	TOC: Surface
	Hole Size: 6 3/4"	
Tubing Size	2 3/8"	
Perforations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



# Bobby Gray/Gray Pumping 915/943-4397

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'	

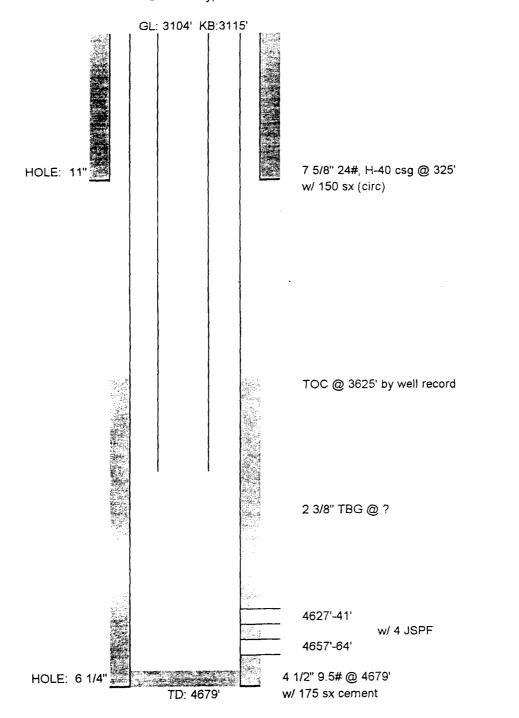
#### North El Mar Unit #36

#### FORMERLY CONTINENTAL OIL WILDER #11

(NMOCD #?, 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



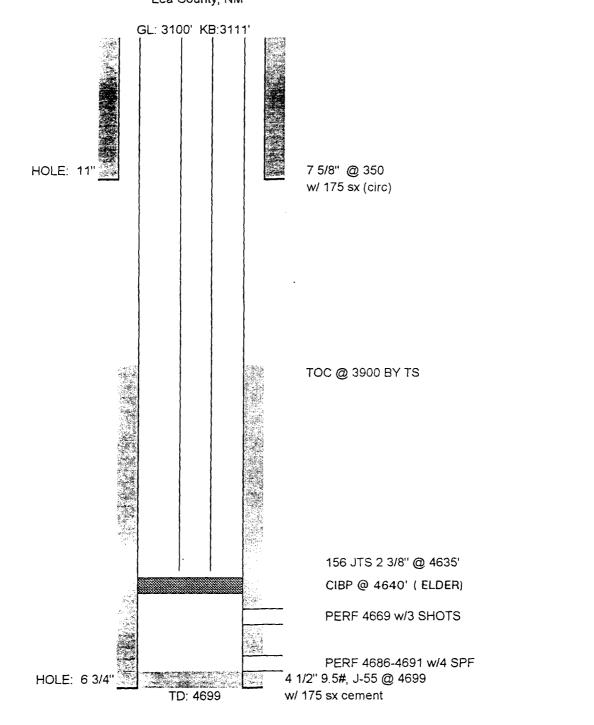
# Bobby Gray/Gray Pumping 915/943-4397

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.	

#### North El Mar Unit #38

FORMERLY CONTINENTAL PAYNE #5 (NMOCD #?, API# 30-025-084330)

660' FSL & 660' FWL Spud Date: 1/20/60 Completion: 1/30/60 Section 30, Township 26 South, Range 33 East Lea County, NM



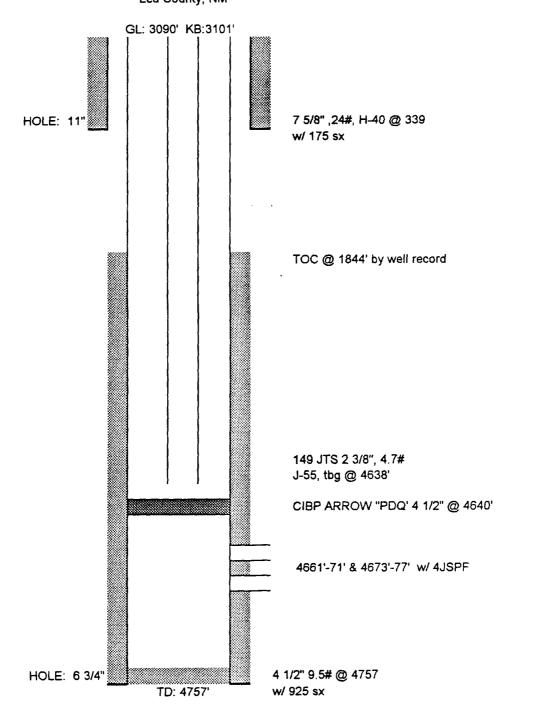
# Bobby Gray/Gray Pumping 915/943-4397

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'	

#### North El Mar Unit #40

FORMERLY CONTINENTAL OIL PAYNE #10 (NMOCD #?, API# 30-025-084390)

660' FNL & 1650' FWL Spud Date: 5/31/60 Completion: 6/13/60 Section 31, Township 26 South, Range 33 East Lea County, NM



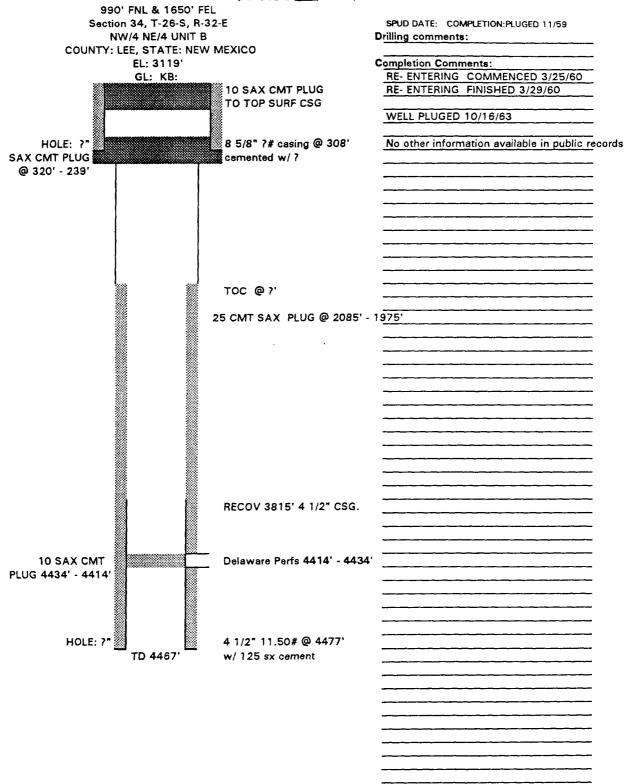
# Bobby Gray/Gray Pumping 915/943-4397

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)	

## New Mexico Offset Wells

#### GEORGE L. BUCKLES COMPANY

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



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NUTICE OF INTENTION TO CHANGE PLANS	SUBSECUENT R	REPORT OF SHOOTING OR ACIDIZ	UNG.
MUTICE OF INTENTION TO TEST WATER S	HUT-OFF SUBSEQUENT A	REPORT OF ALTERING CASING	
	REFAIR WELL SUBSEQUENT R		
	SUBSEQUENT R		
4	R CASING SUPPLEMENTAR		,
PATRICE OF INTENTION TO ABANDON WELL			
(SATA)CAE)	ROVE BY CHECK MARK NATURE OF REPORT.	OCTOFICE OF OTHER DATA)	. 196
	$fN^*$	(E)	
B'hott-Federal Ved No. 18 11 11 is located	990 It. from. (3) line and .	A. 550 ft. from (15) un	ය රේ දෙදමේ.
			යෙ හැරි මෙයාමේ.ජ ම
Wed No. 1. Is located  NO. 1. Is located  NOVA NEVA Unit B  West was as No.  El Marchalleware	26-S 32-E (Tap.) (Range)	NATA (Monden)	•

#### DETAILS OF WORK

Fempered 10 sacks of commencuriess perforations from 4, 434 to 4, 414 Clina to 4-1. Plausing at 3,315 feet. See 25-sack cement plug from 2,000 to 1,975 feet, Missack comest play from 320 to 239 feet and a 10-sack coment play in top of surface casing. Placed 4" market in hole and restored location to original level.

Chertary Charges L. Spekles Company Audren 2.0 Box 56 L. Marrinas, Tesas.

### MORRIS R. ANTWELL

FEDERAL - LITTLEFIELD "DQ" WELL #1
FORMERLY GEORGE L. BUCKLES COMPANY, FEDERAL - LITTLEFIELD "DQ" WELL #1 (NMOCD # \_\_\_\_, API# ) SEO' ESI & SEO' EWI

000 F3L & 000 FWL	· e	COUR DATE: 9/15/50 COMPLETION: 0/20/50
Section 19, T-26-S, R-33 SW 1/4 SW 1/4 UNIT N		SPUD DATE: 8/15/59 COMPLETION: 8/28/59 Drilling comments:
		Drilling Comments:
COUNTY: LEE, STATE: NEW I	VIEXICO	0-1-1-1-0
EL: 3146'		Completion Comments:
GL: KB:	* 10.04 Y OME AT CURE	PLUGED 1/4/62
	10 SAX CMT AT SURF.	No set of the set of t
		No other information available in public records
HOLE: 11"		
CMT PLUG	8 5/8" 24# CSG 362'	
W/ 25 SAX	cemented w/ 300	
BOTTON OF SURF		
8 5/8" CSG @ 362'		<del></del>
		<u> </u>
	TOC @ ?'	
	CMT PLUG W/ 25 SAX	
***************************************	@ TOP OF SALT 1100'	
	e 10. 0. 0. 0. 0.	
		<del></del>
	PERF @ 4711' - 4715'	
	25 SAX CMT AT CSG STUB	
HOLE:7 7/8"	5 1/2" 14# @ 3700' - 4790'	,
TD 4790'	w/ 200 sx cement	
	,	
	·	<del></del>
		<del></del>
	_	
	<del>-</del>	

(SUBMIT IN TRIPLICATE) E. W. STANDLEY DISTRICT ENGINEER

JNITED STATES

### DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget Bureau No. 42-R258.4. Approval expires 12-31-60. Land Office Lag. Cruces L. N. 065860-A

Unit Federal-Littlefield "pq"

X GEOLOG!	CALSURVEI	<u> </u>
SUNDRY NOTICES AN	D REPORTS ON WELLS	
NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF.	T 12
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 ALIER CASING.	SUPPLEMENTARY WELL HISTORY	_
NOTICE OF INTENTION TO ABANDON WELL	13	
(MDCAT ABOUT BY CHECK MARK MAY	URE OF REPORT, NOTICE, OR OTHER DATA)	
(INDICATE ABOVE BY CHECK MARK RAT	,	
	January 4, 182	3 
Well No. 1 is located 660 ft. from	, , , , , , , , , , , , , , , , , , , ,	2
8W/4 Sec. 19 26S 3 (Twp.) (Ran	ge) (Meridian)	
El Kar (Field) Delaware) (County or Sub	odivision) New Mexico (Btate or Tarritory)	,
The elevation of the derrick floor above sea level is		
	OF WORK	
(State names of and expected depths to objective sands; show sizes, w. ing points, and all other	sights, and lengths of proposed casings; indicate mudding jobs, some important proposed work)	<del>nt-</del>
The above well has been plugged notice of intention as follows:  1. Hole loaded with heavy mud 2. 25 sx. cement placed acros 3. Shot and recovered 3,700' 4. 25 sx. cement plug placed 5. 25 sx. cement plug at top 6. 25 sx. cement plug at bott 7. 10 sx. cement plug with re 8. When pits are dried, locat	ss perfs 4711-15'. of 5-1/2" casing. at 5-1/2" casing stub. of salt 1100'. com of surface 8-5/8" at 362'. gulation marker in surface.	the
I understand that this plan of work must receive approval in writis  CompanyKorris_R_Antwell		-
Address P. O. Box 1058	2 4 1/1	,
	By Burlow Veleto	<del>-</del>
	Burton Veteto Title Agent	:

### HILL & MEEKER

### GULF FEDERAL WELL #2 FORMERLY

(NMOCD # \_\_\_\_, API# )

660' FSL & 2007' FWL SPUD DATE: 6/30/59 COMPLETION: 7/8/59 Section 24, T-26-S, R-32-E Drilling comments: SE 1/4 SW 1/4 UNIT N COUNTY: LEE, STATE: NEW MEXICO Completion Comments: EL: 3143' PLUGED 8/59 GL: KB: 10 SAX CMT PLUG SURF & CORE #1 - 4627' TO 4639', RECOVERED 12' GROUND LEVEL VERY TIGHT SAND. NO SHOW CORE #2 - 4639' TO 4704', RECIVERED 65' VERY TIGHT SAND. NO SHOW 8 5/8" 24# casing @ 354' HOLE: ?" 8 cemented w/? 10 SAX CMT No other information available in public records PLUG @ 365' Circ 15 SAX CMT PLUG @ 665' TOC @ ?' 25 SAX CMT PLUG @ 1080' 25 SAX CMT PLUG @ 4617' DRILLED TO A TD OF 4627' HOLE: ?" 7" 7 # @ ?' TD 4704'?' w/? sx cement

BUREAU OF LAND MANAGEMENT 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.

Drillad to a T.D. of 46271. THE HOLLS IN CHARLES HERE Core #1 - 4627 to 4639, recovered 121 very tight sand. No Shows. Core #2 - 4639 to 4704, recovered 651 very tight sand. No shows.

300 1 11

The second secon

354: - 8 5/8" 24# casing set at 363: - Left in well. Hole full of

Coment Plugs at:

- 10 sks at Surface and Ground Tevel
- 10 sks at 3651.

grande Magain

4-14-63-63

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Red beds Salado Castile Lamar 1 Jan - 4586 to - 25 to 1 Jan - 199

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**经过行证 1797**00

### HILL & MEEKER

### GULF FEDERAL WELL #3 FORMERLY

(NMOCD # \_\_\_\_, API# )

1650' FSL & 330' FEL Section 24, T-26-S, R-32-E SPUD DATE: 10/17/59 COMPLETION: 10/25/59 NE 1/4 SE 1/4 UNIT I Drilling comments: COUNTY: LEE, STATE: NEW MEXICO EL: 3152' Completion Comments: GL: KB: PLUGED 3/61 10 SAX CMT PLUG SURF & CORE #1 - 4706' TO 4767' RECOVERED 61' **GROUND LEVEL** LAMINATED SAND THE TOP 4' HAD SLIGHT SHOWS No other information available in public records HOLE: ?" 10 SAX CMT cemented w/? PLUG @ 360' Circ 15 SAX CMT PLUG @ 695' TOC @ 7' 25 SAX CMT PLUG @ 1080' 25 SAX CMT PLUG @ 4710' TOP OF DELAWARE DRILLED TO A TD OF 4706' HOLE: ?" ?"?#@?' TD 4767' w/? sx cement

UN-25-1997 07:37 FROM BUREAU OF	LAND MANAGEMENT	ro 8–9156874	1
Form 9-331.2 MAR 1.6 1961			phovel expires 2-31-00.
(Feb. 1941)	(SUBMIT IN TRUPLIC	OFFICE CON	Las Cruces
Z W STANDLEY DISTRICT ENGINEE	UNITED STAT	ES Losso Na.	065876-A
DEP	ARTMENT OF THE	- Ilair	"I" RE-
0	GEOLOGICAL SUR	VEY	<b>M</b> OV A
			42
SUNDRY NOT	CES AND REF	ORTS ON WE	LS MENICO
NOTICE OF INTENTION TO DRILL	SUBSEQUE	T REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		T REPORT OF SHOOTING OR ACID	IZING
NOTICE OF INTENTION TO TEST WATER SHUT-OF		T REPORT OF ALTERING CASING.	1
NOTICE OF INTENTION TO RE-DRILL OR REPAIR NOTICE OF INTENTION TO SHOOT OR ACIDIZE		t report of re-drilling or ri t report of abandonment	PAIR
NOTICE OF INTENTION TO PULL OR ALTER CASIN		TARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			
Sedera (INDICATE ABOVE BY	CHECK MARK NATURE OF REPO	RT, NOTICE OR OTHER DATA)	<i>i</i>
(INDICATE ABOVE BY		October 31.	1959
p) wy	\$		
Well No. 3 is located 165	Oft. from S line an	d _330_ft. from (E)	ine of sec. 21
NFI of SFI Sec. 21 25	S32E	NMPM (Meridian)	
-	Lea	New Mex	Loo
Undesignated (Faki)	(County or Subdivision)	(State or Ter	ritory)
The elevation of the derrick floor abo	ove sea level is 3156	ft. Inspected	13-14-6
The cieration of the dominal hoof ab-	DETAILS OF WO	12 V - 1	bout Jos
(State names of and expected depths to objective se ing po	nder show sizes, weights, and lo ints, and all other important pr	ngths of proposed essings; indica oposed work)	te mudding jobs, coment-
T. D. 4767: - Well drille	1		
leminated sand - The top	4: had slight s	hows - Prepare	to plug & abando
Phaggid at follows: 10 sks at top of surface	pipe & ground le	vel	
10 sks at 360; bottom of	surface casing		
15 sks at 695; top of Rux	stler		•
25 sks at 1080: bottom of 25 sks at 4710: Top of De	Mustrer Jowana sand		
Hole full of mud lader ma lozation.	terial - Set 4"	marker #1 above	e surface. Clean
I understand that this plan of work must receiv	e approval in writing by the Co	ological Survey before operations	may be commenced.
Company HILL & MEEKER			
Address 519 Midland Saving	2 &		•
Loen Bldg.		By HRMa	min d
Midland, Texas		itle Production C	
			geq 562040

P.02

### GEORGE L. BUCKLES COMPANY

ELLIOTT - FEDERAL WELL #4
FORMERLY FEDERAL ELIOTT "U" WELL # 1
(NMOCD # \_\_\_\_\_, API# )

1666' FSL & 330' FEL		
Section 27, T-26-S, R-32	?-E	SPUD DATE:12/15/59 COMPLETION:PLUGED 12/59
NE/4 SE/4 UNIT I		Drilling comments:
COUNTY: LEE, STATE: NEW	MEXICO	
EL: 3124' GL: KB:		Completion Comments:
		NO DRILLING OR PLUGING INFO.
		No other information available in public records
HOLE: 7"	8 5/8" 20# casing @ 275'	
	cemented w/ ? Surf.	
	700 O N	
	TOC @ י?	
		<del></del>
		<del></del>
		<del></del>
		<del></del>
	Delaware Perfs ?	
		<del></del>
HOLE: ?"	41/2" 9.5# @ 4550'	**************************************
TD 4550'	w/ 125 sx cement	
	_	
	-	
	_	
	_	
	-	
	<del>-</del>	

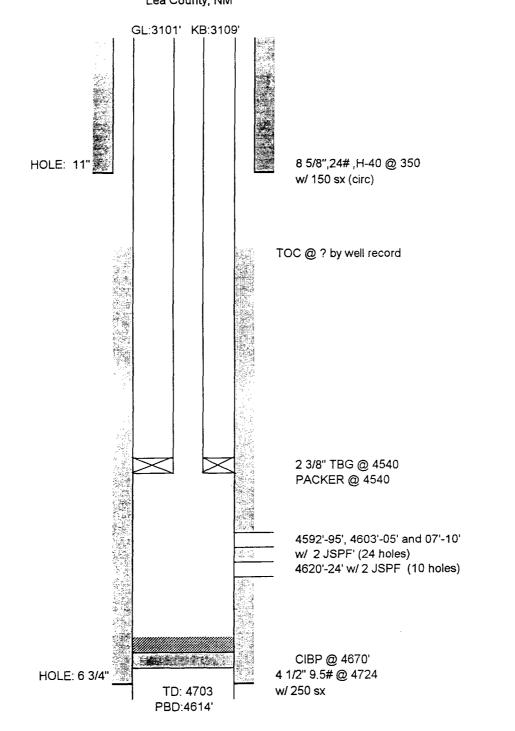
LEA COUNTY, NEW MEXICO

GPO 852040

## North El Mar Unit #43 FORMERLY KERN COUNTY LAND STATE 36 #2

(NMOCD #?, 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



## Bobby Gray/Gray Pumping 915/943-4397

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)

#### North El Mar Unit #44

### FORMERLY KERN COUNTY LAND STATE 36 #1

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

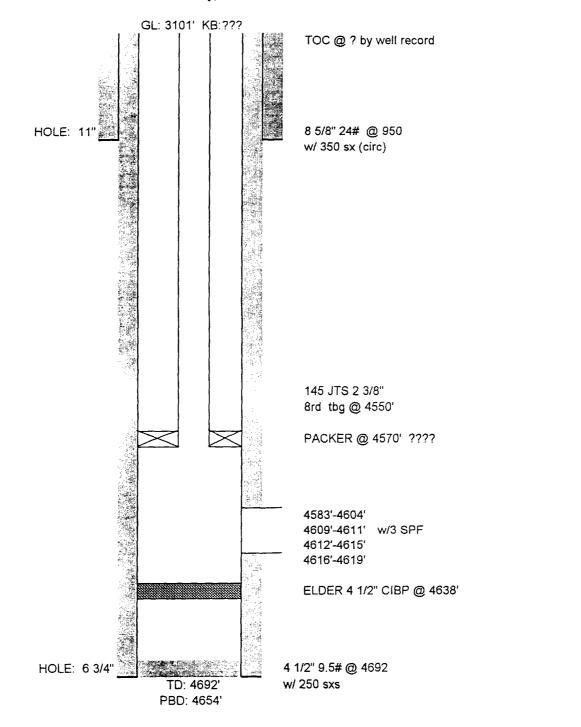
330' FNL & 330' FWL

Spud Date: 2/19/59

Completion: 3/1/59

Section 36, Township 26 South, Range 32 East

Lea County, NM



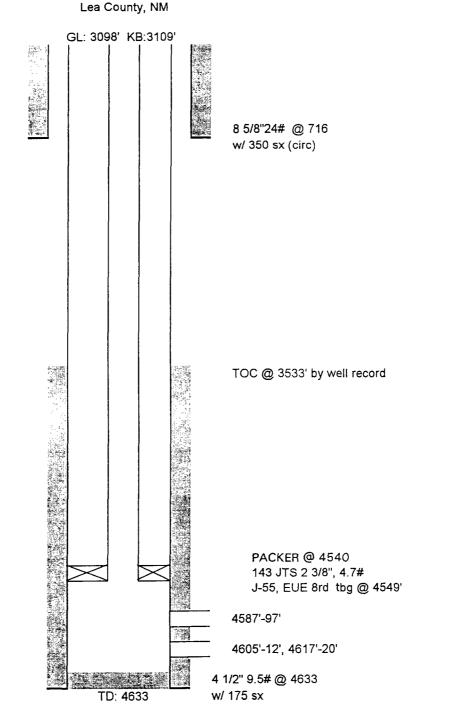
## Bobby Gray/Gray Pumping 915/943-4397

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'.

#### North El Mar Unit #45

FORMERLY CONTINTENTAL OIL BRADLEY 35 #1 (NMOCD #?, API# 30-025-083080)

660' FNL & 330' FEL Spud Date: 5/12/59 Completion: 5/23/59 Section 35, Township 26 South, Range 32 East



## Bobby Gray/Gray Pumping 915/943-4397

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'
<u> </u>	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)

#### North El Mar Unit #47

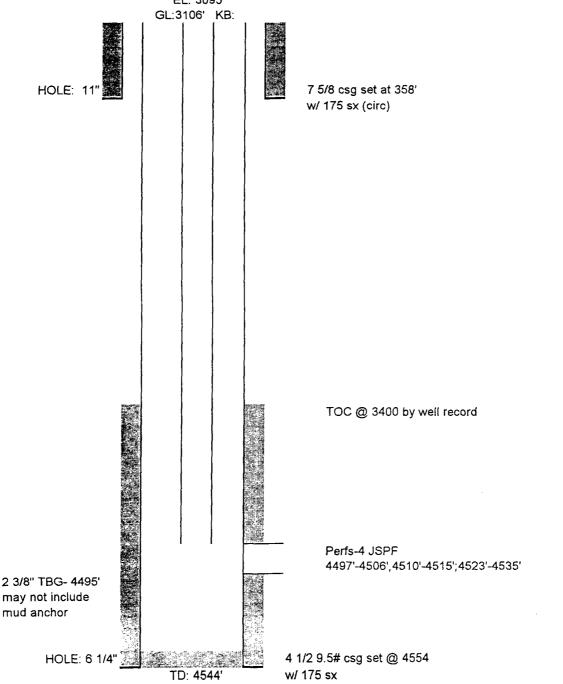
FORMERLY CONTINENTAL OIL BRADLEY 35 #3 (NMOCD #?, API# 30-025-083100)

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'



## Bobby Gray/Gray Pumping 915/943-4397

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	

### North El Mar Unit #49

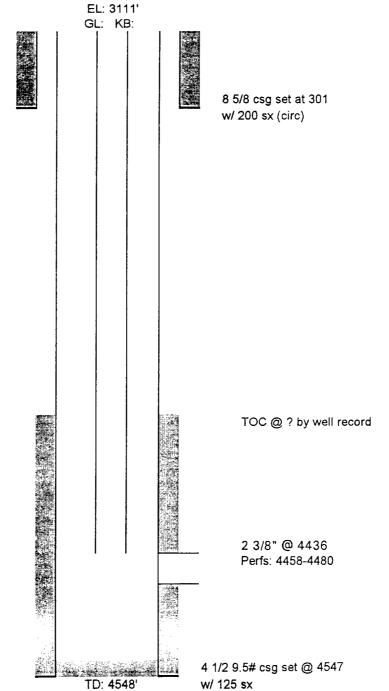
FORMERLY TEXACO INC ELLIOT FEDERAL #2 (NMOCD #?, API# 30-025-083060)

1016' FNL & 330' FEL

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

Section 34, Township 26 South, Range 32 East

Lea County, NM



## Bobby Gray/Gray Pumping 915/943-4397

Status	(POW)	Formerly: Elliot Federal #2
County & State	Lea County, Ne	w 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		

#### North El Mar Unit #53

FORMERLY KERN COUNTY LAND STATE 36 #4 (NMOCD #?, 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'

8 5/8 OD csg set at 335 CMT W/150 SX

TOC @ ? by well record CMT RETAINER @ 2952

PACKER @ 4550 2 3/8" TBG @ 4554 4568-88; 4589-95 HOLE: 6 3/4"

TD: 4711

A 1/2 9.5# J-55 @ 4711'
CMT W/250 SX

## Bobby Gray/Gray Pumping 915/943-4397

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'

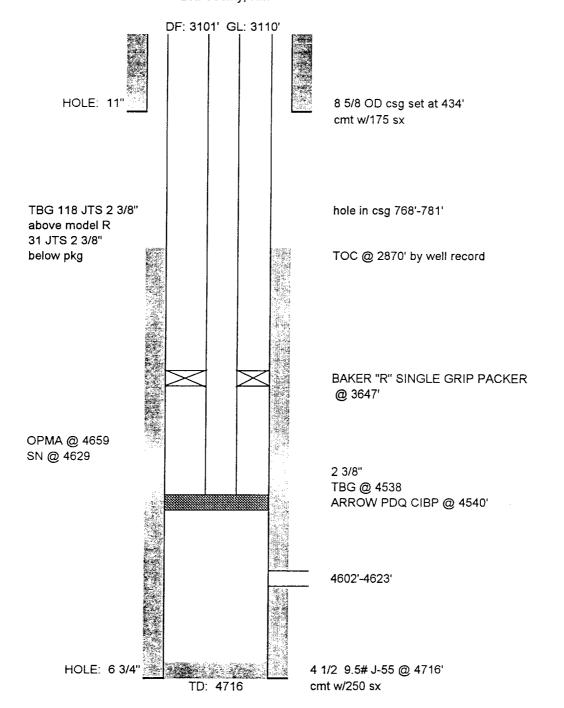
#### North El Mar Unit #55

FORMERLY KERN COUNTY LAND STATE 36 #6 (NMOCD #?, API# 30-025-083190)

544' FSL & 1448' FEL

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

Section 36, Township 26 South, Range 32 East Lea County, NM



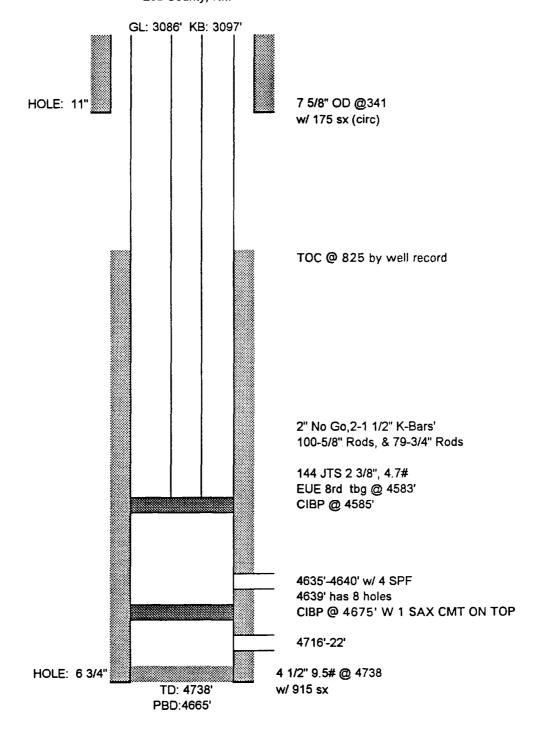
## Bobby Gray/Gray Pumping 915/943-4397

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'

### North El Mar Unit #56

FORMERLY CONTINENTAL OIL PAYNE #9 (NMOCD #?, API# 30-025-084380)

1935' FNL & 330' FWL Spud Date: 4/20/60 Completion: 4/29/60 Section 31, Township 26 South, Range 33 East
Lea County, NM



## Bobby Gray/Gray Pumping 915/943-4397

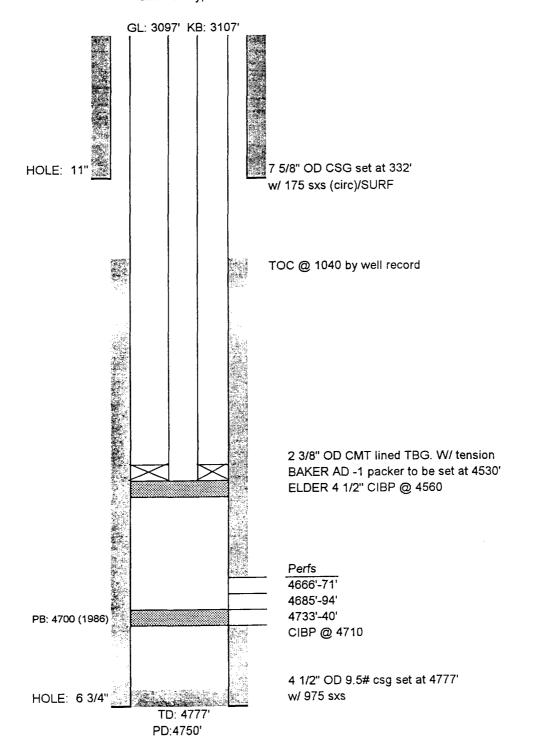
Status	(TA) Formerly: Payne #9						
County & State	Lea County, New Mexico						
Spud Date:	04/20/60						
Completion	04/29/60						
Total Depth	4,738' PBTD @ 4,665'						
Surface Casing	7 5/8" @ 341' 175 sx TOC: Surface						
	Hole Size: 11"						
Production Casing	4 1/2" @ 4,738' 915 sx TOC: 825'						
	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'						

#### 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

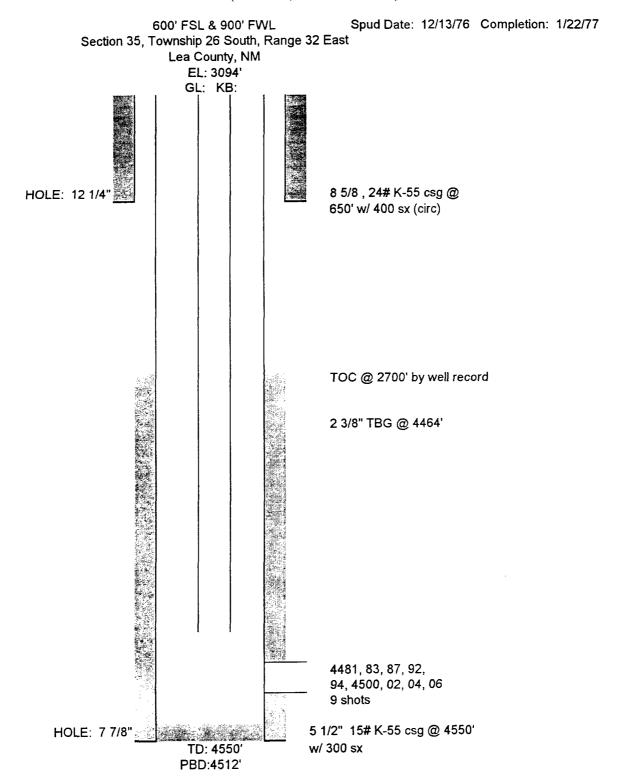


Bobby Gray/Gray Pumping 915/943-4397

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)						

### North El Mar Unit #59

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



## Bobby Gray/Gray Pumping 915/943-4397

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 TO	C: Surface					
	Hole Size: 12 1/4"						
Production Casing	5 1/2" @ 4,550' 300 sx TO	C: 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							

#### North El Mar Unit #60

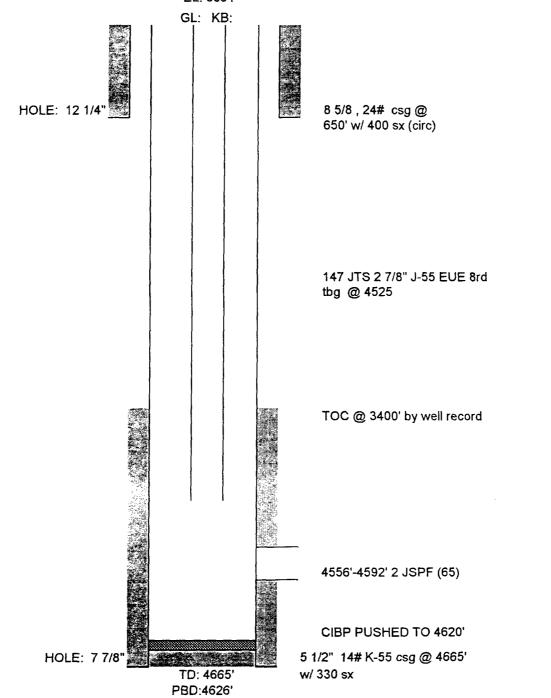
(NMOCD #?, API# 30-025-253900)

500' FSL & 1650' FEL

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

Section 35, Township 26 South, Range 32 East

Lea County, NM EL: 3094'



## Bobby Gray/Gray Pumping 915/943-4397

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)							

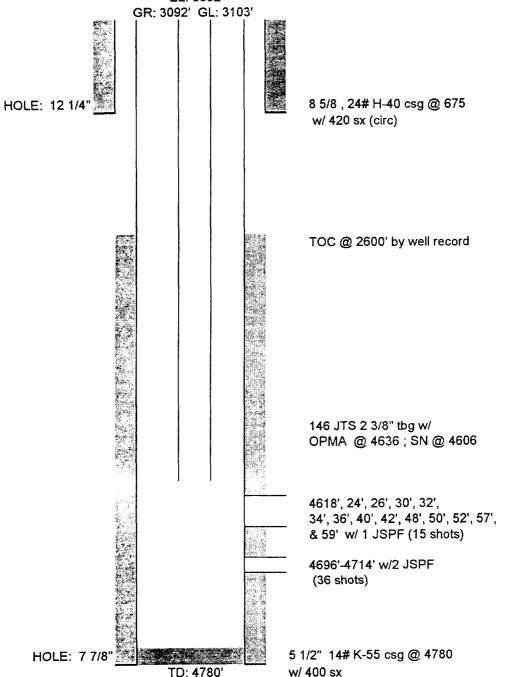
North El Mar Unit #61 (NMOCD #?, API# 30-025-253820)

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



PBD:4740'

## Bobby Gray/ray Pumping 915/943-4397

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						

#### 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

15 MMCF

(0.50 MMCF/WELL)

(0.75 MMCF/WELL)

WATER VOLUME 2400 BWPD

4700 BWPD

(100 BWPD/WELL)

(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

CO<sub>2</sub>

KINDER-MORGAN ENERGY PARTNERSHIP LP

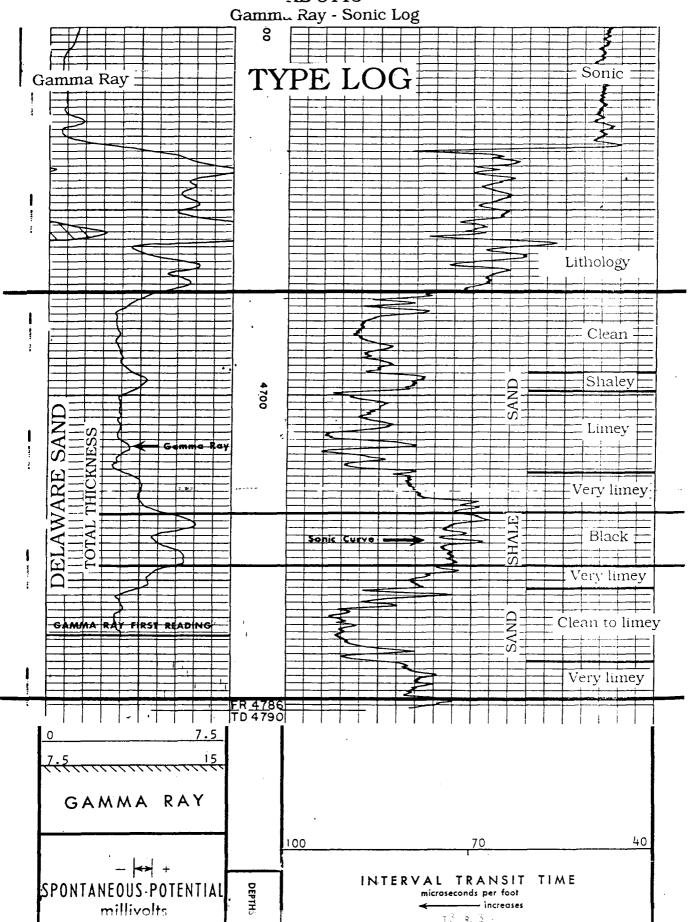
(EXISTING CO2 PIPELINE)

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 ISB 3113'



FORM C-108	<del>,</del>	:	Τ			<u> </u>	1		
VIII	GEOLOGIC DATA	ON IN I	CTION ZON	 F			<del> </del>	+	
V III							<u> </u>		
T	NORTH EL MAR UN he injection zone for t		Lea Count			ro Cand unit	<u> </u>	-	-
	Delaware Sand unit is							<del></del>	<del></del>
	nd is of Permian age.						Carryon	<del> </del>	-
	oximate thickness is 1		Annate depth	15 4000 16	er below ti	ie sui lace,	ļ	-	<del></del>
	he unitized Delaware		was originally	defined by	Continent	al Oil Comp	anv		<del></del>
	Agreement, dated Ju							<del>  -</del>	-
	672' and 4782' in the							<del> </del>	<del>-                                    </del>
	and 660' FSL, Section						Ray	1	
	said well run on July							1	
		į							
	TYPE LOG	FOR UN	ITIZED DELA	WARE SA	AND				
Lea County	Well Name	; кв	Location	De	laware San	d		<u> </u>	-
Operator		TD		Тор	Bottom	Thickness			
				Subsea	Subsea				
Quay Valley Inc		3113	30N26S33E	4672	1	110'			
(Conoco)	#11 Payne Federal	4786'		-1559	-1669	· · · · · · · · · · · · · · · · · · ·			
	[	-				:		(	
	1	· 							
_	İ IN	IJECTIO	N WELLS			·			
Quay Valley Inc.		3149	24P26S32E	4696	4764	68'			
(Hill & Meeker)	#1 Gulf Federal	4790'		-1547	-1615				
	1					 			
Quay Valley Inc			30D26S33E	<u> </u>	·	22'+			
N.G. Penrose	#1 Brown Federal	4704'		-1533	-1555	ļ		ļ	
	<u> </u>	1		12.1				ļ	
Quay Valley Inc.		···	25B26S32E	L		42'+			
(Conoco)	#9 Wilder Federal	4696'	<u></u>	-1514	-1556	ļ			-
0	40 NEMI	2122	25026535	4620	> 4684	55'+		<del> </del>	
Quay Valley Inc. (Conoco)	#23 Wilder Federal	4684'	25D26S32E	-1496		33+		<del> </del>	-
(Conoco)	#23 Wilder rederal	,4004		-1430	-1331	<del> </del>		<del> </del>	-
Quay Valley Inc.	#10 NEMI	3120	26F26S32E	4518	> 4565	47'+	-	+	
	# 27 Wilder Federal	4583'	201 203322	-1398				-	
(CONOCO)	# 27 Winder rederar	7303		1330	1113			<del>                                     </del>	<del> </del>
Quay Valley Inc.	#12 NFMU	3121	26H26S32E	4595	> 4652	57'+		<del> </del>	
	# 21 Wilder Federal	4652'		-1474					+
(30)	/ - · · · · · · · · · · · · · · · · · ·	1							<del></del>
Quay Valley Inc.	#14 NEMU	3133	25F26S32E	4615	> 4657	42'+			
(Conoco)	#6 Wilder Federal	4665'		-1482	<del></del>				
·									
Quay Valley Inc.		3130	25H26S32E	4642	> 4696	54'+			
(Conoco)	#10 Wilder Federal	4697'		-1512	-1566				
Quay Valley Inc	<del></del>		30F26S33E		> 4831	116'+		ļ	
(Conoco)	#8 Payne Federal	4830'		-1578	-1694				
<u> </u>		1				4.01			
Quay Valley Inc			30L26S33E		> 4720	49'+		+	
(Conoco)	#3 Payne Federal	4719'		-1549	-1598			+	
0	#22 NEVIL	2422	25 12 202 25	4010	. 4730	1011		+	-
Quay Valley Inc.			25J26S32E		> 4720	101'+		<del> </del>	
(Conoco)	#7 Wilder Federal	4719'		-1497	-1598			·	

#### NEMU UNIT FM

FORM C-108	VIII Page 2	i		1				
Lea County	Well Name	KB	Location	De	laware San	d		
Operator		TD		Тор	Bottom	Thickness		
				Subsea	Subsea			
Quay Valley Inc		3118	25L26S32E	4595	> 4644			
(Conoco)	#3 Wilder Federal	4644'		-1477	-1526			
							1	
Quay Valley Inc			26J26S32E	4538				
(Conoco)	# 20 Wilder Federal	4643'		-1426	-1516		<u> </u>	1
		1		ļ		<u> </u>		1
Quay Valley Inc		<del></del>	26L26S32E	<del></del>	> 4547	57'+	<u> </u>	1
(Conoco)	# 24 Wilder Federal	4607'	ļ	-1386	-1441	ļ		
0	#30 NEMI	2000	270266225	4457	4520	631	· - · · · · · · · · · · · · · · · · · ·	
Quay Valley Inc. (GL Buckles)	# 3 Elliott Fed		27P26S32E	4457 -1358		63		· ·
(GL Buckles)	# 3 Elliott Fed	4550'	ļ	-1338	-1421	<del>  -</del>	<del></del>	<del></del>
Quay Valley Inc.	#31 NEMII	2100	26N26S32E	4495	4587	921	<del></del>	<del></del> -
(Conoco)	# 19 Wilder Federal	4641'	CONCOSSE	-1386		<del></del>	<del> </del>	
(COHOCO)	m 13 Wilder rederal	7041		-1300	-14/0	<del>                                     </del>		
Quay Valley Inc.	#33 NFMI!	3112	26P26S32E	4583	> 4638	55'+	<del></del>	
(Conoco)	# 1 Wilder 26 Fed	4640'	201 20332L	-1470	<del>••</del>			<del></del>
(50/1000)	" I TINGO LO I EU	7070		1770	1323			
Quay Valley Inc.	#35 NEMII	3114	25N26S32E	4600	> 4656	56'+	<del>-</del>	:
	#2 Wilder Federal	4656'	2311203322	-1486		301		
(00000)	, L tillabi i daorai	1.030		1			<u> </u>	
Quay Valley Inc.	#37 NEMU	3118	25P26S32E	4626	> 4675	49'+	<del></del>	
	#12 Wilder Federal	4683'		-1508			<del></del>	<del></del>
· · · · · · · · · · · · · · · · · · ·								,
Quay Valley Inc	#39 NEMU	3113	30N26S33E	4672	4782	110'		
	#11 Payne Federal	4786'		-1559	-1669			:
							,	,
Quay Valley Inc		3105	31D26S33E	4638	> 4738	100'+		,
(Conoco)	#7 Payne Federal	4742'		-1533	-1633			,
								<u>i</u> _
Quay Valley Inc.			36B26S32E		> 4684	68'+		
(Hill & Meeker)	#3-36 State	4721'		-1501	-1569			· · · · · · · · · · · · · · · · · · ·
		-						:
Quay Valley Inc.			35B26S32E			47'+		
(Conoco)	#4 Bradley 35 Fed	4608'		-1451	-1498		· · · · · · · · ·	·
0 16.11	#40 NENIL	2400	250266225	4470	4510	4.61	<del></del>	- ;
Quay Valley Inc.	<del>                                     </del>		35D26S32E			46'+	<del></del>	
(Conoco)	#2 Bradley 35 Fed	4523'		-1366	-1412		<u>-</u>	<u>i</u>
Quay Valley Inc.	#50 NEMI	2002	34H26S32E	1110	> 4532	84'+	1	
(GL Buckles)	#1 Elliott Fed	4550'	34FC033CE	-1356	-1440	0++		
(OL BUCKIES)	# CLINOLL FEU	+330		-1330	-1740			
Quay Valley Inc.	#51 NFMII	3112	35F26S32E	4506	> 4556	50'+		<del></del>
(Conoco)	#6 Payne Federal	4559'	331 20332L	-1394	-1444	301	-	
(3311000)	" o i agrio i cuerai	1333		1331		<del></del>		
Quay Valley Inc.	#52 NEMU	3097	35H26S32E	4566	> 4614	48'+	<del></del> j-	
(Conoco)	#1 Payne 35 Fed	4620'		-1469	-1517			
(								-
Quay Valley Inc.	#54 NEMU	3101	36F26S32E	4588	> 4660	72'+		
(Hill & Meeker)		4750'		-1487	-1559			
		† <del></del> -					-	

#### NEMU UNIT FM

FORM C-108 Lea County Operator		Ī	!	1		!			T
		110		-	<u> </u>	<u> </u>	ļ	<b></b>	<b> </b>
Operator	Well Name	KB	Location	<u> </u>	laware San		1		}
		TD		Тор		Thickness	<u> </u>		ļ <u>.</u>
0	#57 NEV#1	+	2.52.555	Subsea	Subsea	107'	+	1	-
Quay Valley Inc			31F26S33E	4656			i <del>j-                                    </del>	<del> </del>	ļ
(Conoco)	#12 Payne Federal	4777'	1	-1548	-1655		·	1	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			4500			ļ	<u> </u>	
Quay Valley Inc.	#58 NEMU		36D26S32E	4582			ļ	ļ	ļ
(Conoco)	<u> </u>	4750'		-1475	-1579			ļ	-
		+	2012222	1011	.7.0			<del> </del>	1
Quay Valley Inc	#62 NEMU		36H26S32E	4614					}
(Conoco)		4750'		-1513	-1617	·			-
		ļ		ļ	<u> </u>				
> m	eans greater than			ļ	<u> </u>	·		ļ	
				! +	<del> </del>	<del></del>			
					<u> </u>	<del>;</del>	<u>-</u>	ļ	
	UNDERGROUND SO		OF DRINKIN	IG WATER	₹				
	(LESS THAN 10,000	MG/L)							
								1	
	OVERLYING NORT	H EL MA	AR UNIT						
O	verlying the North El M	lar Unit, i	underground d	rinking wat	er is found	in the Rus	tler		
	t between 100 and 20							1	
	the North El Mar Unit.								
	B, T-26-S, R-33-E.	T		Ī				1	
		1		;					
	UNDERLYING NOR	THELN	AAR LINIT						
1 10	nderlying the North El			known cour	cae of drin	king water	ļ	-	
Or Or	denying the North Li	ivia: Offic,	Chere are no	THOWALL SOUL	ces or dim	King Water	<u> </u>	1	
		1						<del> </del>	
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<u> </u>		1					1	<del>                                     </del>	
		-							

FORM C-108					
XII	FAULTS OR C	THER HYD	ROLOGIC C	ONNECTIONS	
			<del></del>	engineering dat	
			<del></del>		f drinking water.
	William G. Watso				
	Consulting Geole	ogist			

#### QUAY VALLEY, INC.

#### C-108 REQUIREMENT - X

LOGS: ON FILE AT OCD

FILED WITH EACH WELL AT TIME OF COMPLETION.

Texas Offset Wells

#### **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 SPUD DATE: 7/19/61 COMPLETION: 8/30/61 County: LOVING, State: TEXAS Drilling comments: EL: 3088' GR GL: KB: Completion Comments: Plug back date: 4/11/97 Completed: 4/30/97 Well Type WIW No other information available in public records HOLE: 12 1/4" 8 5/8" 32# casing @ 548' cemented w/ 275 sxs Circ to surf. TOC @ 1686' 1.9" PC TBG @4350" PACKER @ 4355' 2 7/8" Liner :Surf. To 4380' 310 sax Delaware Perfs 4461' - 4480' PBD 4524' HOLE: 6 3/4" 4 1/2" 11.6 # @ 4554' TD 4554 w/ 300 sx cement

SECTION II			DA	TA ON W	ELL CO	OMPLETION	AND LOG	(Not R	Required o	n Retest)					
24. Type of Complete	on:									25. Per		orill.	DAT	E E	PERMIT
	N 71/-1	. $\square$	ъ.	[	7.	n n .					g Back : pen	or	7/19	/61	
	New Wel	. –	Deepe	ning L	ا لـ	Plug Back		ther	ш		e 37		1/1/	701	CASE
26. Notice of Intentio	n to Dall t	bic well	ums filed	in Name	٠,						eption				<b>W W C</b>
26. Notice of Intentio	ii to Dim t	ilis wen	was incu	III IVALIIC	O1					<del></del>					PERMIT
			_								er injec	tion			PERMIT
Kern Coun										Per					
27. Number of producthis field (reservo					tal num this lea	nber of acres						Disposai			PERMIT
and need (reserve	ii) iii.adaiii	g us .	702	•••	uns ica					Pen	mit				<del></del> -
				<u></u>		94				Oth	er				PERMIT
29. Date Plug Back, D	eepening.	Cor	nmenced	Com	pleted		nce to near								
WorkOver or Drilli Operations:	ng	İ		1		Same	Lease & R	eservoi	r						
		1		1											
31. Location of well, re			se bounda	ries			Fee	From			Li	ne and			Feet from
of lease on which	this well is l	ocated			1		Lin	of the	:						Lease
32. Elevation (DF, RKI	B. RT. GR. E	TC.)				33. Was d	Irectional :	survey	made othe	er r	<del></del>				
3088(GR)							nclination			Į	Ye	s	N X	lo	
	5. Total De	oth	36. P. B. I	Denth I	37 9	urface Casi	20	T					7 1		
1			30. F. D. I	Zptii		Determined b			Recomme	ndation o	f T.D.W.	.R. 📙	Duo	f Letter	
4461	4554		452	4			Rules	الما	Railroad (	Commissi	on (Spe	cial)	Dt. o	Letter	
38. Is well multiple co	mpletion?				list all	reservoir na	mes (comp						40. Inter		
No.		or	Gas ID No	FIELD &	pecer	OUOIR			AS ID or LEASE #			ELL	Drill	ed	Tools   T
140		}		FIELD &	KESE	VOIR		OIL	LEASE "	Uas-U			by:		
41. Name of Drilling C	Contractor												42. Is Co	ementin	g Affidavıt
]								-			<del>                                     </del>			ched?	
								+			<del> </del>		· [	Yes	$\mathbb{X}_{\mathbb{N}}$
12		<u> </u>			nic ni	CORD /R	All C-		-4 :- 37/-13	<u> </u>	<u> </u>		·		
43.				CAS	<del>,</del>	ECORD (Rep	<del></del>			)					
CASING SIZE	WT =	/FT.	DEPT	'H SET	1	ULTISTAGE	1	& AM		HOLE S	IZE	1	OP OF	S	SLURRY VO
 					TC	OL DEPTH	СЕМ	ENT (s	acks)			CE	MENT		cu. ft.
8-5/8	32#		548	/	1		225A	50	Neat	12½		<u>Ci</u>	rc		
4-1/2	9.5#		4554				250A	50	Latex	6-3/	4	1			
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L	<u>.                                      </u>	<del></del>	<del></del>		<del></del>							<u> </u>			
44.						LINE	RECORD								
Size			TOP			E	ottom		Ĭ	Sacks C	ement		ī	Scr	een .
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t													<u></u>		
		ING RE	-CORD				C. Product				-3.141				
45.						<del></del>		ng me	rvai (this	completio	m) maic		n or perio		r open hole
Size	<del></del>	Depth S	×c(		acker S	et	From					То			
2-3/8	ļ	<u>4257</u>		42	57			<u> 161</u>				То	44	<u> 59</u>	
l	<u> </u>						From					To			
							From					To			
47.				ACID	. SHOT	r. FRACTUR	E. CEMEN	r squi	EEZE. ET	C.					
		Depth Ir	nterval							Amount a	nd Kind	of Mate	r.al Used		
						<u> </u>									
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	h-							·							
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L															
							000.	2010.1		26 11/2 2	22144	10 H #05	<u></u>		
48.		RMATIC	N RECOR			OF PRINCIP	AL GEOLE	XGICAL			JRMAI	TON TOP	<del></del>		
Formati	ons				pth				Formatio	ns		ļ		Depth	
Delaware			4456	5											
			1_			_	<u>L</u>					<u> </u>			
													-		
REMARKS Set	PKR a	1257	W/PC 7	'BC	Inct	all wel	Thead	C	nvert	ed to	watı	er in	iectio	<u> </u>	Well
tested for									<u> </u>	<u>.ca co</u>			<u>, 00 0, 10</u>		·
repred TOI	<u> rucur</u>	<u> </u>	TIDICI	Or al	<u> TOWO</u>	TOTE IT	,, <u>+0/</u> /(	<u> </u>							<del></del>
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#### Type or print only

# RAILROAD COMMISSION OF TEXAS Oil and Gas Division 5-9-91

		A	PI No. 42- 301-00151	7. RRC District No.
Oil Well Potential Test, Compl	etion or Recomplet	ion Report, a	nd Log	08 8. RRC Lease No. 21246
1. FIELD NAME (as per RRC Records or Wildcat)	12. LEASE NAM	ME.		9. Well No.
El Mar (Delaware)				1112
3. OPERATOR'S NAME (Exactly as shown on P-5, O		elaware/Unit RRC Opera	itor No.	10. County of well site
Burlington Resources Oil & Gas Com	<del>pan</del> y	109338		Loving
4. ADDRESS				11. Purpose of filing
P.O. Box 51810 Midland, TX 79710  5. If Operator has changed within the last 60 days, name			<del></del>	Initial Potential
6a. Location (Section, Block, and Survey)	·	ad disasting to pages	t town in this county.	Retest
4 54 T&F		s northeast of	_	Reclass
12. If workover or reclass, give former field (with reser			Oil - O WELL NO.	<del></del> -
FIELD & RESERVOIR	,	OIL LEASE #	Gas - G	Well record only (explain in Remarks)
13. Type of electric or other log run			14. Completion or recomplet 4/30/97	ion date
SECTION I: POTENTIAL TEST DATA	IMPORTANT: Test	should be for 24	hours unless otherwise s	specified in field rules.
15. Date of test 16. No. of hours tested	17. Production meth Size & Type of p		t, Jetting, Pumping -	18. Choke size
19. Production during Test Period Oil - BBLS	Gas - MCF	Water - BBLS	Gas - Oil Ratio	Flowing Tubing Pressure PSI
20. Calculated 24- Oil - BBLS	Gas - MCF	Water - BBLS	Oil Gravity - API - 60	* Casing Pressure
Hour Rate	·	•		PSI
21. Was swab used during this test? Yes Yes No	1 1 1 '	prior to test (New & )	Reworked wells)	23. Injection Gas-Oil Ratio
INSTRUCTIONS: File an original within 30 days after completing a we results of a potential test within the 1 back more than 10 days before the completion or recompletion, fill in bo	and one copy of the coll and within 10 days af 0-day period, the effect W-2 was received in the	empleted Form Viter a potential testive date of the alle District Office.	V-2 in the appropriate t. If an operator does no lowable assigned to the (Statewide Rules 16)	ot properly report the well will not extend and 51) To report a
WELL TESTER'S CERTIFICATION  I declare under penalties prescribed in Sec. 9 readings or (b) the top and bottom gauges of above is true, correct, and complete, to the bottom.	each tank into which producti			
Signature: Well Tester	Name	e of Company	RRC Representative	MAY - A MO
OPERATOR'S CERTIFICATION I declare under the penalties prescribed in Seprepared by me under my supervision and knowledge.  Donna Williams Typed or printed name of operator's representative 915-688-6943 Telephone: Area Code Number Date:	c. 91.143, Texas Natural Res direction, and that data and 05 / 06 / 97 mo. day year	ources Code, that I a facts stated therein  Regulatory C Title of Person  Signature	are true, correct, and comp	port, that this report was A.C.
<del></del>			<u>.</u>	<del></del>

		DA.	<u>ia on w</u>	ELL COM	PLETIC	ON AND	LOG	(Not Required			PERA	0 <del>5</del> N
24 Type of Completion	vew Well	Deepeni	ine 🗍	Plug Back		Other	٦	Plug Back or, Deepen		DATE	PERM	III N
b. Notice of Intention to Dr				·				Rule 37			CA	SE N
, Trace of Intelliging to 191	1.115 WOL WES	noo ni rena						Exception Water injection	on		PERN	AIT N
								Permit		/30/93	F-1	182
7. Number of producing we this field (reservoir) incl		n		number of acres		7		Salt Water D	isposal		PERM	AIT N
				9,440				Permit			DEDA	IIT NO
9. Date Plug Back, Deepen	ing, Com	menced	Complete	,	ince to near			Other			PERO	7111 140
Workover or Drilling Operations:	4/1	1/97	4/30/97	" 1	: Louse & R	eservoir					/	
<ol> <li>Location of well, relative of lease on which this well.</li> </ol>		boundaries	+	1000		eet from ine of the		NOI CIT	ine and	2350'	Feet fro	om
2. Elevation (DF, RKB, R	r, GR, etc.)				<u>.                                      </u>	survey made	other	El Mar/Dela		X No		
· · /	Fotal Depth /	36. P. B. D 4524		. Surface Casing Determined b		1 1 '		nendation of T.D.W.F I Commission (Specia		Dt. of Le		
38. Is well multiple comple		multiple con		ill reservoir name	es (completi					40. Interval:	Rotary Tools	Cabl
Yes X	No		FIELD & RE	SERVOIR		GAS I			ELL /	by.		<u> </u>
v	actor			<del></del>				<del></del>		Attached	, , ,	" 7
Dawson				<del></del>						[x],	y'es	No
3.		·	CASIN	G RECORD (R	<del></del>							
CASING SIZE	WT I/FT.	DEPT	н ѕет	MULTISTAGI TOOL DEPTH		PE & AMOU EMENT (sac	- 1	HOLE SIZE		P OF MENT	SLURR!	
8 5/8"	32#	5.4	18.			275 sxs		12 1/4"	Su	rf.		
4 1/2"	11.6#		54'			300 sxs	$\overline{}$	6 3/4"		86'/		
		<del></del>								l		
14.				LIN	ER RECO	RD						
Size		TOP		42001	Bottom			Sacks Cement		ļ	Screen	
2 7/8"	Surf.	<u>.                                    </u>	·	4380			31	0 sxs		<del> </del>		
*										<del></del>		
15.	TUBING RE		<del></del>		<u> </u>	<del></del>	(this c	ompletion) Indicate d	<u> </u>	<u>.</u>		
1.9 ·	Depth Set 4350'		1	ser Set	From	4461'			To	4480'	1/	
1.9	4330	<del></del>	*	000	From				To		<del></del>	
					From				To			
17.			ACID,	SHOT, FRACT	TURE, CEM	MENT SOUE	EZE, I	ETC.	<del></del>	<del></del>		
	Depth into	erval						Amount and Kind of	Material (	Jsed		
747' -873'								50 sxs 'C' +		12, Drlc	out	
4380'-Surface		<del></del>			Rai	1 2 //8"	lin	er w/310 sxs	cmt	<del></del>		
										··	<del></del>	
AD	EOD) (A TW	ON BECOM	D 4 107 DE	Princ OF PRIN	1015 I J	Gersene it						
48. Formations	FURMATIC	UN KECUR	Dep		CIPAL GE		MAR	KERS AND FORMA	JION TO	PS)	oth	
<del></del>	····	<del> </del>	<del></del>	<del></del>		<del></del>			<del> </del>			
EMARKS CLARES	1 200				7/0/1 1	<del></del>		·	l			
EMARKS Cleaned	i out, repa	ired cs	y reak,	and ran 2	//8" T	iner				· · · · · · · · · · · · · · · · · · ·		
						······			<del></del>			
					-			-		~~~~	menung	Herr
Operator: Fill in other	items.		RA	ILROAD CO	OMMISS nd Gas D		rex.	AS		CC	Rev. 4/1 483-04	/83
. Operator's Name (As sh				1	2. RRC 0	perator No.	3	3. RRC District No.	1	unty of Well OVING	Site	
Field Name (Wildcat or	INGTON RE exactly as show			<u> </u>	1033	<u>~</u>	6.	API No.		7. Drilling	Permit No	٠.
EL MAR (DELAMARE)				<del></del>			1,	42-301-00151		1		
Lease Name MAR/DELAWARE/UNI	T.				9. Rule (	37 Case No.	1:	10. Oll Leans/Ga 21 <b>246</b>	LS ID No.	11. Well N	-	
- PMN/ DELAMARE/ UNI					<del></del>	<del></del>				1_1112	<u></u>	
	··											
ASING CEMENTING DA	TA:		SURFACE CASING	MED	IATE			DUCTION ASING		MULTI CEMENTIN	STAGE G PROCES	s
				CAS	ING	Singl Strin		Multiple Parallel String	1	INER <del>XXX</del>	She	oe
2. Cementing Date	Maria Maria	3.25 P 3.		into Alleria	Min may 1.	l	<u> </u>			A 74 74 54	7	****
	<b>本的社会主张</b>	32.20 J	LW, CALL	WAR WAR	KARLY A STR	A.KE	ie za	CI. Weshing of the	W. C. S. T.	or his Edit N	ALTECO.	O. S. D.
3. •Drilled hole size						ļ <u>.</u>				<del></del>	<del> </del>	
•Est. % wash or hole	enlargement			1		}		1	1		1	

14. Size of casing (in. O.D.)

15. Top of liner (ft.)

2 7/8

SURFACE

154

#### EL MAR/DELAWARE/UNIT #1113

FORMERLY (NMOCD # \_\_\_\_, API# 42-301-00787 ) 330' FNL & 1263' FEL

Section 4, BLK. 54, T&P RI		SPUD DATE:9/19/59 COMPLETION: 10/7/59
County: LOVING, STATE: TEX EL:3100' DF	KAS	Drilling comments:
GL: KB: 9'		Completion Comments:
<b>*         </b>		Well Type POW
		No other information available in public record
	8 5/8" 32# casing @ 387'	
1 1 1	cemented w/ 150 SAX	
	Circ / SURF	
	TOC @ 3450'	
881 1 1 1 2		
	2 3/8" tubing 4.7# J-55 @ ?' SN <b>@</b> 4480'	
	PUMP: 2" X 1/2" X 12'	
2000	RODS: 178 - 3/4"	
	Delaware Perfs : 4469' - 4476' 4488' - 4500' @ 2JSPF	
<del></del>	4 1/2" 9.5# J-55 @ 4553'	
TD 4553'	w/ 150 sx cement	

#### EL MAR/DELAWARE/UNIT #1114W

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

330' FNL & 330' FEL SPUD DATE: 11/24/59 COMPLETION: 12/7/59 SEC. 4, BLK 54 SURVEY T & P RR Drilling comments: County: LOVING, STATE: TEXAS EL: 3098' GL: KB: **Completion Comments: RECOMPLETION DATE 5/14/96** Well Type WIW No other information available in public records HOLE: 12 1/4" 8 5/8" 32# casing @ 433' cemented w/ 150 SXS Circ / SURF **TOC UNK PACKER @ 4444'** 2 3/8" TBG @ 4444' Delaware Perfs: 4490' - 4524' PBD @ 4553 HOLE: 6 3/4" 4 1/2" 9.5# @ 4586' TD 4586' w/ 150 sx cement 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

<b>_</b>			А	PI No. 42-301-00786	7. RRC District No.
Oil Well Potential	Test, Comple	etion or Recomple	tion Report, a	nd Log	8. RRC Lease No.
1. FIELD NAME (as per RRC Re	cords or Wildcat)	2. LEASE NA	AME		9. Well No.
El Mar (Delaware)	Well Potential Test, Completion or Recompletion Report, and Log   RESC Lates				
					10. County of well site
4. ADDRESS	Duringto	Klessurces a	26/26/ 50113	7 10 9 33 8	II. Purpose of filing
P.O. Box 51810, M	idland. TX	79710-1810			Initial Potential
6a Location (Section Block and	Survey	6h Distance	and direction to neares	t town in this county	Relest
	- · ·	1		•	Reclass
12. If workover or reclass, give for FIELD & RESERVOIR			no. GAS ID or	Oil - O WELL NO.	
			OIL LEASE #		Well record only (explain in Remarks)
13. Type of electric or other log r	นก			14. Completion or recompletic 5/14/96	on date
15. Date of test 16.	No. of hours tested	17. Production me Size & Type o	thod (Flowing, Gas Lif f pump)	t, Jetting, Pumping -	18. Choke size
19. Production during Test Period	Oil - BBLS	Gas - MCF	Water - BBLS	Gas - Oil Ratio	Flowing Tubing Pressure PS1
	Oil - BBLS	Gas - MCF	Water - BBLS	Oil Gravity - API - 60*	Casing Pressure
Hour Rate					PSI
21. Was swab used during this test	1 1	, , ,	d prior to test (New & )	Reworked wells)	<ol> <li>Injection Gas-Oil Ratio</li> </ol>
INSTRUCTIONS: I within 30 days after results of a potential back more than 10 c completion or recomp	File an original a completing a wel test within the I lays before the Voletion, fill in bot	and one copy of the of and within 10 days a 0-day period, the effect W-2 was received in the sides of this form.	completed Form Wafter a potential tes ctive date of the al he District Office. To report a retest, f	t. If an operator does not lowable assigned to the vocation (Statewide Rules 16 ar ill in only the front side.	t properly report the well will not extend ad 51) To report a
Signature: Well Tester		Nai	me of Company	RRC Representative	2 R.C. 01 1936
					MAY I TAKE
prepared by me under to knowledge.  Donna Williams	my supervision and	., ,		in actional to make the try	
Typed or printed name of operato 915-688-6943		05 / 16 / 96	Title of Person		

SECTION II		DAT	A ON WELL	COMPLET	ION AND	LOG (N	Vot Requ	ired on Re	set)			··	
24. Type of Completion	าก						<del></del>	25. Peri	nit to Drill,	<del></del>	DATE	Р	ERMIT NO
	New Well	Deepen	ing	Plug Back		Other		Dec	Back or. pen				
								Rule	: 37				CASE NO.
25. Notice of Intention	i to Drill this well i	was filed in Name	e at						eption	<del></del>			
								ſ	er injection		/30/9		ermit no - 1182
27. Number of produc	ing wells on this le	ASA	28 Total nu	umber of acres	<del></del>				mit		/ 30/ 9		- 110Z ERMIT NO
this field (reservoi	r) including this we	ase in ell	in this !						Water Dis	posal		r	ERMIT NU
				9,440				Per				P	ERMIT NO.
29. Date Plug Back, D		Commenced	Completed		nce to neares			7					210/111 110.
Workover or Drilli Operations:		5/8/96	   5/14/96		Lease & Re	servoir							
'	`	370730	J/ 14/ JC	<b>'</b>									
31. Location of well, r of lease on which :		ase boundaries	1 -	330'	Fee	t from	North		Line	and 33	0,	Fee	from
				East			El Ma	r/Dela	ware/l	Jnit		Les	se
32. Elevation (DF, RI 3098	KB, RT, GR, ETC.	.)			directional s inclination				Yes	$\Box$	O No	<b>.</b>	
	35 Total Depth	36. P. B. D	enth 137	Surface Casing	<del></del>	1							
	4586'	4553		Determined by	Field			endation of 1		片	Dt. of		
			placion liga all	recession or man	Rules	ا السا		Commission	(Special)		Dt. of		Cable
38 Is well multiple co	mpiedon: 39.	If multiple com or Gas ID No.			completion	, GA	S ID or	ı Oil-O	ı WEL	1	0. Interv Drille		
Yes X	No No		FIELD & RESE	ERVOIR		OIL	LEASE #	Gas-G	,		by:	į	į
41. Name of Drilling 6	Contractor	<del></del>				+				42	. Is Ce:	nenting Affic	lavit
Pride	ļ <del></del>					+			L		Attach	ביים ביים ה	<del>-</del> -
												Y=s X	No
43.			CASING F	RECORD (Re	port All Stri	ngs Set i	in Well)						
CASING SIZE	WT #/FT.	DEPTH	1361	MULTISTAGE		& AMO	,	HOLE SI	ZE	TOP ( CEME		1	RY VOL. . R.
0.5/0"	20"	4001		TOOL DEPTH	<del> </del>	MENT (s		10 1 / 4 /				!	R.
8 5/8"	32#	433			~ <del></del>	SXS		$\frac{12}{2} \frac{1/4}{4}$		irc.		Unk.	
4 1/2"	9.5#	4586			150	SXS		5 3/4"		nk.		Unk.	<del></del>
	<del></del>											·	
44.				LINE	R RECORD								
Size		TOP		1	Bottom			Sacks Cer	nent			Screen	
L													
45	TURING	RECORD			5. Producu	ng Interv	ral (this co	inpistion) In	dicate dept	h of perfo	ration or	open hole	
Size	Depth		Packer		From 44		·		<del></del>	To 452		<del>'</del>	~
2 3/8"	4444		4444	-	From	<u> </u>				To	.4		<del></del>
2 0/0	1 7 7 7 7 7				From			***************************************		To			
					From					То			
47.			ACID, SH	IOT, FRACTU	RE, CEME	NT SQU							
4400: 4504:	Depth	Interval		<del></del>		10000		Amount and				<u> </u>	10 -1
4490 - 4524								155 F6	erchec	K HUL	acto	1 + 100	JU GIS
					<u> </u>	reu L	brine						
			<del></del>	<del></del>	+				<del></del>				<del></del>
<u> </u>		<del></del>							<del></del>	<del></del>			
48.	FORMA	TION RECORD	(LIST DEPT	HS OF PRINC	IPAL GEO	LOGICA	AL MARK	ERS AND F	ORMATI	ON TOPS	)		
Formati	ons		Depth				Formatio	ns			D	epth	<del></del> -
	<del></del>				<u> </u>								
REMARKSClen	aed out,	restimula	ated, an	d return	ned to	<u>inje</u>	ection	1					

# EL MAR/DELAWARE/UNIT # 1123 FORMERLY UNK (NMOCD # \_\_\_\_, API# 42-301-00785) 1650' FNL & 990' FEL

Section 4, BLK 54, SURVEY	′ T&P	SPUD DATE: 9/28/59 COMPLETION: 10/1/59
County: LOVING, STATE: T	EXAS	Drilling comments:
EL: GL: KB:		Completion Comments:
HOLE: 11*	8 5/8" 32# casing @ 493' cemented w/ 150 Circ	Well Type POW No other information available in public records
	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	

Type or print only

#### RAILROAD COMMISSION OF TEXAS

Oil	and	Gas	Div	/isio	n	
			2-	21	-9	1

			Γ	API No. <b>42</b> - 4	2-301-00785	7. RRC District N	0.
						8. RRC Lease No.	
Oil Well Poten	tial Test, Compl	etion or Recomplet	ion Report, a	nd Log		8. RRC Lease No. 21246	
1. FIELD NAME (as per RR)	C Records or Wildow)	12. LEASE NA	ME.			9. Well No.	
El Mar (Delaware)	c records or winder,		Delaware/Unit			1123	
3. OPERATOR'S NAME (E)	ractly as shown on P-5 C		RRC Oper	ator No.		10. County of well	site
3. OF ERATOR 3 NAME (EX	cactly as shown on 1-5, C	rganization Report)					
Burlington Resource	ces Oil & Gas Com	nany	109338	3		Loving	
4. ADDRESS	300 017 u uu uu uu					11. Purpose of filin	g
P.O. Box 51810 M	idland, TX 79710	-1810				Initial Potential	
5. If Operator has changed w	thin the last 60 days, nan	ne the former operator					
						Retest	$\times$
6a. Location (Section, Block,		l l	and direction to neare		county.		
4 54 12. If workover or reclass, given	T & F		es northwest o	<u>f Mentone</u>   Oil - O	WELL NO.	Reclass	
FIELD & RESERVOIR	ve lotinet neid (with tese	(VOIL) or Ray ID of oil lease in	OIL LEASE #	Gas - G	WELL NO.		X
						Well record only (explain in Remar	
13. Type of electric or other	log nin		<u> </u>	14. Completic	on or recompletion		
, p. o. o. o. o. o. o. o.				1/22/9	•		
······································							
SECTION I: POTENT	IAL TEST DATA	IMPORTANT: Test	should be for 24	hours unless	s otherwise spe	cified in field rule	es.
15. Date of test	16. No. of hours tested	17. Production met		ft, Jetting, Pum	ping - 1	8. Choke size	
1/23/97	24	Size & Type of		pumping		<del>,</del> _	
19. Production during	Oil - BBLS	Gas - MCF	Water - BBLS	G	as - Oil Ratio	Flowing Tubing Pre	
Test Period  20. Calculated 24-	Oil - BBLS	57 Gas - MCF	35 Water - BBLS	00.5	vity - API - 60 *	85 Casing Pressure	PSI
	Oil - BBG	Gas - MCF	. Water - Both	on Gn		Casing Plessure	PS!
Hour Rate  21. Was swab used during this	10512	22 Oil produced	prior to test (New &	Paworked well	41.3	3. Injection Gas-Oil	121
21. Was swap used during tills	Yes No		prior to test (1404 ac	TO WOLKES WELL	3)	Ratio	
PEMARKS: Class out	possidize and	return to production	<del></del>			<del></del>	
tesmade. Clean out,	reacturze, and	recurn to production	1				
	<del></del>						
INSTRUCTIONS	S: File an original	and one copy of the co	ompleted Form \	W-2 in the a	appropriate R	RC District Offic	e
results of a poten	iter completing a we itial test within the I	ll and within 10 days at 0-day period, the effec	tive date of the a	st. It all ope	rator does not signed to the w	property report in	d d
back more than	10 days before the	W-2 was received in the	e District Office	. (Statewid	e Rules 16 an	d 51) To report	a
		th sides of this form. T				•	
WELL TESTER'S		11 142 T W I D			otan dia trin ana a tao		_
		1.143, Texas Natural Resour each tank into which product					
	ct, and complete, to the b				, .	40 m	
Signature: Well T	ester	Nam	ne of Company	RRC Represen	tative	AD SE	
						17 7 1/3 1/3	
					Mir	~ y 790. "	r.Y.
Open (200)	TIPLE ATION				্ৰ,	V.G	
OPERATOR'S CER		c. 91.143, Texas Natural Re	sources Code, that I	am authorized s	to make this repor	t, that this report was	
prepared by me un	der my supervision and	direction, and that data and	facts stated therein	are true, con	ect, and complet	e, to the best of my	
knowledge.			, /	\ -	_	**	
_Donna Williams	<u></u>		Regulatory (	Compliance			
Typed or printed name of op-	<u> </u>		Title of Person	/ ( )	. )	-	
915-688-6		03 / 18 / 97		uu			
Telephone: Area Code Nu	mber Date:	mo. day year	Signature				

SECTION II		DA	TA ON WE	ELL COM	PLETION	AND	LOG	(Not Requi	red on Re	eset)		
24 Type of Completi	on _					· · · · · · · · · · · · · · · · · · ·	<u> </u>	25. Permit to	Drill,	DATE	PER	MIT NO.
	New Well	Deepen	ing	Plug Back		ther	7	Plug Bac Deepen	k or,			
24							_ 	Rule 37			C,	ASE NO.
25. Notice of Intentio	on to Drill this well	was filed in Name	ot					Exceptio				
								Water in	ection		PER	MIT NO.
27. Number of produ	sian malle on this t		28 Total su	mber of acres				Permit				
this field (reserve	ort) including this w	ell	in this le					1	er Disposal		PER	MIT NO.
		:		9,440				Permit			DED	MIT NO.
29. Date Plug Back, I		Commenced	Completed		ce to nearest			Odier			PER	MII NO.
Workover or Drill Operations:	- !		 	Same	Lease & Rese	rvoir						
	ļ	1/13/97	1/22/97									
	relative to nearest I	ease boundaries		1650	Feet	from	N	orth	Line and	990 .	Feet fr	om
				East		of the		El Mar/De	laware/L	nit	Lease	
32. Elevation (DF, F	CKB, RI, GR, EIC	-)		33. Was than	irectional sur inclination (	vey made W-12)?	other		Yes	X No	•	
34. Top of Pay	35. Total Depth	36. P. B. D	enth   37 G	Surface Casing					· ·	<del></del>		
4490	4572	4548		Determined by:	1			ndation of T.D.		Dt. of		
38. Is well multiple c		. If multiple com	pletion, list all r	eservoir names	Rules L			ommission (Sp	ocial)	Dt. of		Cable
		or Gas ID No.			/-outlinenous	GAS II	D or 1	Oil-O	WELL	40. Interv		Tools
Y=5	No	;	FIELD & RESE	R∨OIR		OIL LE	ASE #	Gas-G	,	by:	į	į
41. Name of Drilling	Contractor	<del></del>								42. Is Carr	ienting Affidavi	<del>1</del>
Yale E. I	Va			····		<u> </u>				Attache		Į
L	Key										Yes X	No
43.			CASING R	ECORD (Rep	ort All Strin	35 Set in V	Vell)					
CASING SIZE	WT #/FT	DEPTH	1361	ULTISTAGE		AMOUN		HOLE SIZE		P OF SENT	SLURRY cu. ft.	
}	<del></del>			OOL DEPTH	CEM	ENT (sack	2)		<del></del>		Cu. It.	
8 5/8"	32#	493						11"		rf.		
4 1/2"	9.5#	457	<del></del>					6 3/4"	34	35		
					-				+			
			<del></del>		<del></del>							
44.				LINE	RECORD							
Size		TOP		В	ottom			Sacks Cement			Screen	
										ļ. ———		
L		<del></del>			·					<u> </u>		
45	TI DINC	RECORD		14	5 Producing	Interval ()	his com	pletion) Indicat	death of ser	forstion or	anen hole	
Size	Depth		Packer S		<u> </u>				To			
2 3/8"	<del></del>	13'	I ACKOI 3	-	From 44	<u>90 ′ - 45</u>	<u> </u>		To			
<u> </u>	45.	17	<del></del>		From				To			
<del></del>					From				То			
			. <del></del>									
47			ACID. SH	OT, FRACTU	RE, CEMEN	T SQUEE2	ZE, ETC	3.				
	Depth	Interval						mount and Kind			<del></del>	
400'-436'					Sqzed	ho1e	<u>in cs</u>	g w/300 s	xs 'C' n	<u>eat + 4</u>	% CaC12	
4490'-4520'	<del></del>				A w/3	000 gl:	s 15%	HV-60 +	500# roc	k salt		
			<del></del>									
					1						<del></del>	
48	FORMA	TION RECORD	(LIST DEPTH	IS OF PRINCI	PAL GEOL	OGICAL N	<b>ARKE</b>	RS AND FORM	ATION TO	PS)		
Format	<del></del>		Depth	··			rmation				e p th	
	<del></del>				<del> </del>				1			
						·						
REMARKS Clea	ined out, sq	ueezed hol	e, reacid	ized, & r	eturned	to pro	ducti	on				
	<del></del> .											
	<del></del>											

#### EL MAR/DELAWARE/UNIT #1211 FORMERLY

(NMOCD # \_\_\_\_, API# 42-301-00393 )

664' FNL & 660 Section 3, BLK. 54, T& County: LOVING, STATE EL: 3085' GL: KB: 10'	PRR	SPUO DATE:10/10/59 COMPLETION: 10/20/59 Drilling comments:  Completion Comments:
HOLE: 12 1/4"	8 5/8" 24# J-55 casing @ 532' cemented w/ 250 Circ/SURF	Well Type POW No other information available in public records
	TOC @ 3555'	
	PUMP: 2" X 1 1/2" X 12' RODS: 161 - 3/4" 2 3/8" tubing @ ?'  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	

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

(NMOCD # \_\_\_\_, API# 42-301-00394) 664' FNL & 1980' FWL Section 3, BLK 54, T & P RR SPUD DATE:10/22/59 COMPLETION: 11/9/59 County: LOVING, STATE: TEXAS Drilling comments: EL: GL: KB: 10.2' **Completion Comments:** Well Type WIW No other information available in public records 8 5/8" 24# J-55casing @ 528' HOLE: 12 1/4" 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 4 1/2" 9.5 # @ 4664' TD 4665' w/ 130 sx cement

#### RAÎL-ROAD COMMISSION OF TEXAS Oil and Gas Division Type or print only Rev. 4/1/83 483-046 Surface Caping 3.14.54 API No. 42-301-00394 7. RRC District No. 0.8 D. Yoif Well Potential Test, Completion or Recompletion Report, and Log 8. RRC Lease No. 21246 2 LEASE NAME 9. Well No. 1. FIELD NAME (as per RRC Records or Wildcat) El Mar (Delaware) El Mar/Delaware/Unit 1212W 3. OPERATOR'S NAME (Exactly as shown on Form P-5. Organization Report) RRC Operator No. 10. County of well site Union Royalty, Inc. 876825 Loving 4. ADDRESS 11. Purpose of filing Texas, Suite 1460, Midland, TX 79701 500 W. Initial Potential 5. If Operator has changed within last 60 days, name former operator Retest 6b. Distance and direction to nearest town in this county. 6a. Location (Section, Block, and Survey) Sec. 3, Blk. 54, T&P RR 20 Miles North of Mentone Reclass WELL NO. 12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no. GAS ID or 011 - 0 OIL LEASE " FIELD & RESERVOIR Cas - C Well record only (explain in Remarks) E1-Mar-(Delaware) Sand 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. 17. Production method (Flowing, Gas Lift, Jetting, Pumping-18. Choke size 15. Date of test 16. No. of hours tested Size & Type of pump) Flowing Tubing Pressure 19. Production during OIL - BBLS Gas - MCF Water - BBLS Gas - Oil Ratio Test Period Oil Gravity-AP!-60° 20. Calculated 24-Oil - BBLS Gas - MCF Water - BBLS Casing Pressure Hour Rate PSi 21. Was swab used during this test? 22. Oil produced prior to test (New & Reworked wells) 23. Injection Gas-Oil No 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

Ideclare 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.

03/04

Title of Person

Signature

T. N. McKnight, Jr.

Date:

Typed or printed name of operator's representative

Number

914) 686-1991

Telephone: Area Code

SECTION II			DAT	TA ON WI	ELL CO	MPLETIC	ON A	ND LOG (	Not I	Required	on Retest)							
24. Type of Complet	tion: New Well	П	Deepen	[	] ,	lug Back		01	bas	П	25. Pern Plug Deer	Back o		DA	TE	F	PERM	MIT NO.
						mg rack			tiet		Rule	37					CA	SE NO.
26. Notice of Intenti	on to Ortil th	ils well	was filed t	n Name	of						Exce	ption						
											Wate	r Inject	ion			F	PERM	MIT NO.
											Pern	nit				F	11	82
27. Number of prod						er of acr	res				Salt	Water I	Disposal			F	PERM	MIT NO.
this fleid (reserv	oir) including	this v	well	In t	his leas	c					Регл	nit						
											Othe	r				F	ERN	MIT NO.
29. Date Plug Back, WorkOver or Dri Operations:		Con	nmenced	Comp	leted			to nuare ase & Re										
31. Location of well.			ase boundar	tes				Feet	From	1		Lis	ne and			Fee	t fro	ın
of lease on which	i this well is in	ocated						Line	of the	e						Lea	se	
32. Elevation (DF. RI	KB. RT. GR. E	rc.)								made oth W—121?		Yes			No			
34. Top of Pay	35. Total Dep	oth	36. P. B. D	epth	37. St	irface Ca	ising	le l		n		T D W	, [	] ],	-61			
	4665	}			ι×	termine		Rules			endation of Commissio		ı	I	of Lett			
38. Is well multiple o		39. If	multiple cor	mpletion.	list all r	eservoir				s in this	well) and Oi	Lease		40. ln	tervals		ary <sub>l</sub>	
		or	Gas ID No.	FIELD &	DECEDI	/OIP				AS ID or LEASE		WE		Di by	rilled	Too	ols	T∞ls
				FIELD •		VOIR			011.	, ILAGE	Gas-U			- Oy	·	<u> </u>		<u>.</u>
41. Name of Drilling	Contractor									·				42. Is	Cemen tached	ting Af	Mdav	иt
														, A		•		l
									L.					L	Ye	3	$\underline{\sqcup}$	No
43.				CAS	ING RE	CORD (R	Repor	t All Stri	ags S	et in Wel	1)							
CASING SIZE	WT */	FT.	DEPTI	H SET	l .	LTISTAC OL DEPT		TYPE &			HOLE SI	ZE		OP OF MENT		SLUI	RRY '	
8 5/8		4#		28				Unkno	own			1/4		ırf.		Un]	<u>knc</u>	own
4 1/2	9.	5#	46	64				Unkno	own	130	6	3/4	38	310		<u>Un</u>	<u>knc</u>	own
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44.						LIN	ER R	ECORD										
Size			TOP				Bott			T	Sacks Co	ment		Т		creen		
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45.	TUBI	NG RE	CORD				46.	Producin	g Int	erval (this	completion	n) Indic	ate depti	h of per	foration	n or op	en h	iole
Size	1	epth S	iet	Pa	cker Se	ì.	Fre	om	4.5	0.0			To	46	50_		_	
2 3/8	4.4	137			1440		Fre	om					To					
							Fre	om			······································		To					
						-	Fre	om					To					
47.				ACID.	SHOT.	FRACTU	JRE. C	CEMENT	SQU	EEZE. ET	C.							
		epth In	nterval								Amount an	d Kind	of Mate:	tal Use	d			
<del>-</del> ,																		
48	EX.1	MATTO	N PECODO	() IST DE	DTUC	TE DOING	CIDAL	CEOLO:	210 41	MADUR	DS AND EX	PMATT	N TOP	S1				
48.		WA HO	N RECORD	Dep		OF PRINC	LIPAL	. 020100	A)،ر	Formation		ICALL I	JN 10P	J1	Dept	h		
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DEMARKS	<del></del>		<u> </u>															
REMARKS			<del></del>															
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#### **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: HOLE: 12 1/4" 8 5/8" 24# casing @ 530" cemented w/ 250 Circ SURF TOC @ 3720' **PACKER @ 4453'** CIBP @ 4489' 2 3/8" tubing @ 4574' Delaware Perfs @ 4549' - 4634' PBD @ 4650' HOLE: 7 7/8" 4 1/2 " 9.5# @ 4689' TD ' @ 4689' w/ 130 sx cement

mpleti	on Comments:
Well 1	Type POW
No ot	her information available in public re
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SPUD DATE:8/31/59 COMPLETION: 9/11/59

# EL MAR Type or print only

### RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

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

					[ADIAI-	42 2	01 00100	17. RRC Distr	ict No
		<del></del>	<del></del>		<del></del>		01-80188	- 08	.ct 110.
	itial Test, Comple		_	-	and L	og		8. RRC Lease 21246	No.
1. FIELD NAME (as per RF			EASE NAM		.,			9. Well No. 1213	
El Mar (Delawa 3. OPERATOR'S NAME (E				elaware/Ur	oerator No	<del> </del>		10. County of	well site
	ources Oil & Ga			109:				Loving	well 21fe
4. ADDRESS	· · · · · · · · · · · · · · · · · · ·				<del>,-</del>			11. Purpose of	<u> </u>
P.O. Box 51810		79710 - 181						Initial Pote	ntial 🛣
Meridian Oil I	•	e the former oper	ator					Retest	$\nabla$
6a. Location (Section, Block		6b.	Distance ar	d direction to nea	arest town	in this c	ounty.	Retest	لحب
3 54	T & F		18 mile	es northwe	st of	Ment	one	Reclass	
12. If workover or reclass, g FIELD & RESERVOIR	ive former field (with reser	voir) & gas ID or	oil lease no.	GAS ID or OIL LEASE #	t	- O - G	WELL NO.		[ <u>v</u>
				OIL LLASE #	Cas	- 0		Well record (explain in I	
13. Type of electric or other	r log run	···	·	L			on or recomplet		
					/	/10/9	6		
SECTION I: POTENT	TIAL TEST DATA	IMPORTAI	NT: Test:	should be for	24 hours	s unless	s otherwise s	pecified in field	d rules.
15. Date of test	16. No. of hours tested			od (Flowing, Gas	Lift, Jetti	ng, Pum	ping -	18. Choke size	<del></del>
8/26/96	24		& Type of p	ump) pmp 2	2"x1.5				
19. Production during	Oil - BBLS	Gas - MC	F	Water - BB	BLS	G	as - Oil Ratio	Flowing Tubi	-
Test Period  20. Calculated 24-	Oil - BBLS	Gas - MC	F	250 Water - BE	BIS	Oil Gra	N/A vity - API - 60	100 Casing Pressu	<del></del>
Hour Rate						J.,	,	70	
21. Was swab used during th	is test?	22. 0	il produced ;	prior to test (New	& Rewor	ked well	s)	23. Injection Gas-	
	Yes No	X NO	one				ļ	Ratio	
INSTRUCTION within 30 days results of a pote back more than	IS: File an original a after completing a well test within the 1 10 days before the Vecompletion, fill in both	and one copy I and within 1 0-day period, V-2 was recei	of the co 10 days aff the effect ved in the	mpleted Former a potential ive date of the District Offi	test. If e allowa ice. (St	an ope ble ass atewide	rator does no igned to the Rules 16 a	ot properly repo well will not e and 51) To re	ort the extend
I declare under perendings or (b) the above is true, corrections.	S CERTIFICATION  nalties prescribed in Sec. 9  top and bottom gauges of  ect, and complete, to the bo	each tank into wh	iich producti						
Signature: Well	Tester		Name	of Company	RRC I	Represen	tative		4.
								Willy Co	<sup>79</sup> 96 ``
OPERATOR'S CI I declare under the prepared by me u knowledge.	ERTIFICATION  penalties prescribed in Secunder my supervision and	c. 91.143, Texas direction, and th	Natural Res	ources Code, that	t I am auth	horized t	o make this reg	port, that this repor	Ţ.was Σ my
Donna Williams	_			R'egu ato	ry Com	ıpl (aı	nce		
Typed or printed name of o	operator's representative	00 / 00	/ ==	Title of Person		ſ -			
915-688-6943	lumbar D	08 / 30	<u> 96</u>		<u> </u>				
Telephone: Area Code N	lumber Date:	mo. day	year	Signature					

SECTION II			DAT	A ON W	ELL COMPL	FTIO	N AND L	OG (N	ot Requ	ired on Pa						
24. Type of Completic	n				000 00	2110	117110 0	<i>30</i> (11	ot requ	25. Per:	nt to D			DATE	PE	RMIT NO.
	New We	,,	Deepen	200	Plug Ba	ack		her	X	Plug Dec	Back o	r,				
										Ruie						CASE NO.
25. Notice of Intentior	to Drill this	well was	filed in Name	of						1	puon					
										1	er injec	tion			PE	RMIT NO.
27 Number of produc	ing wells on t	bio lasas		78 70	tal number of ac					Per						RMIT NO.
27. Number of produc this field (reservoi	r) including the	nis lease iis well	וחי		this lease	162				l l		Disposal			PE	KMIL NO.
					9,44	0				Peri					DE	RMIT NO.
29. Date Plug Back, D		Con	nmenced	Comp	pleted 30. D	istance	to nearest v	vell.	<del></del>	Oth	er				PE	KVIII NO.
Workover or Drilli Operations:	ng	6/	29/96	7/10		ame Le	case & Reser	voit								
31. Location of well, r			boundaries	<u> </u>	664		Feet f		Vorth			Line and		30'	Feet	from
32. Elevation (DF, R.	KB, RT, GR,	ETC.)			East	₩as di:	Line o	L	de other	r/Dela	<u>ware</u>	/Unit				<del></del>
			· <u>·</u>			than in	elination (V				<u>,</u>	es	X	No		
	35. Total De 4689 '		36. P. B. D 4650	epth	<ol> <li>Surface Car Determined</li> </ol>		Field		Recomm	nendation of	r.d.w.	R. [	4	Dt. of I	Letter	
						•	Rules L	<u> </u>	Railroad	Commission				Dt. of		<del></del>
38. Is well multiple co	impletion?		multiple com Gas ID No.	pletion, li	st all reservoir n	ames (	completions		well) and S ID or	Oil Lease	,	/ELL	40	). Intervi Driiled		Cable at
Yes ()	No No			FIELD &	RESERVOIR			OIL	LEASE	Gas-G	ľ	#		by;		
41. Name of Drilling	Contractor												42		enting Affid	vit
Pride														Attache	u:  ⊽	7
43.			<del></del> _							<u></u>	<u> </u>				Yes ^	No
43.				CAS	ING RECORD		rt All String	s Set i	n Well)							<del></del>
CASING SIZE	wr	//FT.	DEPTH	I SET	MULTISTA TOOL DEP		TYPE 8	AMO ENT (s	- 1	HOLE SI	ZE		OP C MEI		SLUR cu.	RY VOL. ft.
8 5/8"	24#		530'				Unk_s	xs		12 1/4	11	Surf			Unk.	
4 1/2"	9.5#		4689				Unk s	XS		7 7/8"		TOC@	37	20,	Unk.	
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44.	<del></del> -				L	INER	RECORD	-								
Size			TOP			Во	ttom			Sacks Co	ment		Т		Screen	
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45.		SING RE		<u>-</u> -					al (this co	ompletion) I	ndicale					<del>-</del>
Size		epth Set			icker Set		From 454 From	<u>9'</u>				To 4	<u>63</u>	<u>4 '</u>		
2 3/8"	4574	·		4453	<u> </u>		From					To		-		
	+						From					То				
47.				ACI	D, SHOT, FRA	CTUR	E, CEMEN	T SQU	EEZE, E	ETC.					-	
2.00		Septh Inte	erva!							Amount and			Usc	1		
CIBP@ 4489	м/20° с	mt					Drld	out	t to		(PBT			100	<u></u>	1
4549'-4634'					· · · · · · · · · · · · · · · · · · ·		A w/	3000	J gls	15% H	<u>v - 6(</u>	acio	+	. T00	J gis i	ie i
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48.	FO	RMATIC	ON RECORD	(LIST I	EPTHS OF PR	INCIE	AL GEOL	OGICA	AL MAR	KERS AND	FORM	ATION TO	OPS	)		
Formati	ons			De	pth				Format	ions			_	0	epth	
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REMARKS	(011L-		d pater	anod :	ha ======	<del>- + -</del>										
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# 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 SPUD DATE: 8/17/59 COMPLETION: 9/3/59 County: LOVING, STATE: TEXAS Drilling comments: EL: GL: KB: Completion Comments: Well Type TA (INJ) No other information available in public records HOLE: 12 1/4" 8 5/8" 24# casing @ 524' cemented w/ 275 Circ/ SURF. TOC @ 3940" 2 3/8"tubing @4495' PACKER @ 4498' Delaware Perfs @ 4528' - 4678' HOLE: 6 3/4" 4 1/2" 9.5# @ 4705' TD 4705' w/ 130 sx cement

#### RAILROAD COMMISSION OF TEXAS Form W-2 Oll and Gas Division Type or print only Rev. 4/1/83 Exception Dated 483-048 3.14.74 API No. 42-310-00388 7. RRC District No. 08 5, y Oil Well Potential Test. Completion or Recompletion Report, and Log 8. RRC Lease No. 21246 2. LEASE NAME 1. FIELD NAME (as per RRC Records or Wildcat) 9. Well No. El Mar (Delaware) El Mar/Delaware/Unit 1214W 3. OPERATOR'S NAME (Exactly as shown on Form P-5. Organization Report) RRC Operator No. 10. County of well site Union Royalty, Inc. 876825 Loving 4. ADDRESS 11. Purpose of filling 500 W. Texas, Suite 1460, Midland, TX 79701 Initial Potential 5. If Operator has changed within last 60 days, name former operator Retest 6a. Location (Section, Block, and Survey) 6b. Distance and direction to nearest town in this county. Sec. 3, Blk. 54, T&P RR 20 Miles North of Mentone Reclass 12. If workover or reclass, give former field (with reservoir) & gas (D) or oil lease no GAS ID or WELL NO Oil - O FIELD & RESERVOIR OU, LEASE # Gas - G Well record only El Mar (Delaware) Sand (explain in Remarks) 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 18. Choke size 17. Production method (Flowing, Gas Lift, Jetting, Pumping-16. No. of hours tested Size & Type of pump) 19. Production during OII - BBLS Gas - Oil Ratio Gas - MCF Water - BBLS Flowing Tubing Pressure Test Period 20. Calculated 24-Oil - BBLS Gas - MCF Oil Gravity-AP!-600 Casing Pressure Water - BBLS Hour Rate PSi 21. Was swab used during this test? 23. Injection Gas-Oil 22. Oil produced prior to test (New & Reworked wells) 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 penalities 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 by me or under my supervision and direction, and that data and facts sta	Code, that I am authorized to make this report, that this report was prepared
y by the drawler my daper vision and direction, and that data and facts sta	ned merent are true, correct, and complete, to the oest of my knowledge.
T. N. McKnight, Jr.	President / /
yped or printed name of operator's representative	Title of Person
	901 90 AL
(915) 686-1991 03/04/94 Telephone: Area Code Number Date: mo. day year	Signature The All

SECTION II			DAT	A ON WE	LL CO	MPLETIC	A NC	ID LOG (	Not F	Required	on Retest	)			
24. Type of Complett	on: New Well		Deepen	una [	] ,	Plug Back		]	her		Plu	mil to D ig Back o epen		DATE	PERMIT N
	, NEW 17622		Deepen		, ,	ang i sa s					Ru	le 37			CASE N
26. Notice of Intention	on to Drill th	his wei	was filed !	n Name	ρĺ						Ex	ception			
											Wa	ter Injec	tion		PERMIT N
										_	Per	mit			F 1182
27. Number of produ				1		iber of acr	11-5				Sal	t Water	Disposa	i	PERMIT N
this field (reserve	iri including	g this	weil	In I	his lea	541					Per	mil			
				Ì							011	ner			PERMIT N
29. Date Plug Back. D WorkOver or Drill Operations:		Co	nımenced	Comp	leted			to neures ase & Res							
31. Location of well, r	elative to nea	arest le	ase boundar	les	T	l		Feet i	rom			Li	ne and		Feet from
of lease on which	this well is l	ocated			<del></del> -			Line	of the						Lease
32. Elevation (DF, RK	B. RT. GR. E	TC.I			1					made oth W-12)?		Yes	6	☐ No	-
34. Top of Pay	35. Total Dep	oth T	36. P. B. De	epth	37 S	urface Ca	sing							7	• • • • • • • • • • • • • • • • • • • •
. ,	•	İ		•		x-te-rimine	d by i	1			endation o			Dr. ot	
	4705							Rules			Commissi			Dt. of	
38. Is well multiple co	ompletion?		multiple con Gas ID No. F	npletion. l TELD & I			name	s a emple	G,	s in this ( AS ID or LEASE *	1 011-0	WE	ELL •	40. Inter- Driller by-	rals   Rotary   Cab d   Tools   Too
41. Name of Drilling (	Contractor										+			42. Is Cer	nenting Affidavit
											+	+		Attach	
											+	<del></del>			Yes No
43.		l	<del>_</del>	CASI	NG RF	CORD (R	enort	All Strin	øs S	er in Wel	1)				
	Т		T			JLTISTAG		TYPE &		т	·,		т.	OP OF	SLURRY VOL.
CASING SIZE	WT */		DEPTI			OL DEPT	Ή	CEME	VT (s	acks)	HOLE S		CE	MENT	cu. ft.
8 5/8 4 1/2	24		<del></del>	24				Unkno				1/4		rf.	Unknown
4 1/2	9.5	<del>#</del>	47	05				Unkno	JWI.	130	6	3/4	<u>39</u>	4 V	Unknown
	+														<del> </del>
	1		1								· · · · · · · · · · · · · · · · · · ·				1
44.						LIN	ER R	ECORD							
Size			TOP				Botto				Sacks C	`ement		1	Screen
														<del> </del>	
<del></del>										<del>                                     </del>				<del></del>	
· · · · · · · · · · · · · · · · · · ·										<u> </u>					
45.	TUBI	ING RE	CORD	·			46 3	Producing	Inte	rval (this	completic	n) Indic	ate dent	h of perfora	ition or open hole
Size	<del></del>	Depth S		Par	ker Se	>r	Fro			528			То	46	
			-				Fro		4	1320			To	40	7.0
2 3/8	+ 4	495	-	4.4	<u> 198</u>		Fro						To		
	<del> </del>				<del> </del>		Fro						To		
	J						F10								
47.	<del></del>		<del></del>	ACID	CHOT	, FRACTU	DE C	SEA GENT	5011	CC7C ET	···	<del></del>	<del></del>		
<del></del>		\		ACID.	SHOT.	. FRACTO	RE. C	ENENT	390		Amount a		0()/04=	mal Hand	
<del></del>		Depth I	ntervai								Amount a	na Kina	oi Mate	nai Osec	<del> </del>
															<u></u>
<del></del>	<u> </u>														
							L								
<del></del>				<del></del>											
48.		RMATIC	N RECORD	(LIST DE	PTHS	OF PRINC	TPAL.	GEOLOC	ICAI			ORMATI	ON TOP		
Format	lons			Dep	l h					Formatio	ons				epth
	<del></del>		<u></u>												
	···-		<u></u>	·						<del></del>					
REMARKS															
														<del> </del>	

# EL MAR DELAWARE UNIT # 1221W FORMERLY UNION ROYALTY

(NMOCD # \_\_\_\_, API# 42-301-80190 )

1992' FNL & 660' FWL Section 3, BLK. 54, T & P RR SPUD DATE: 9/1/59 COMPLETION: 9/12/59 County: LOVING, STATE: TEXAS Drilling comments: EL: GL: KB: 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' HOLE: 6 3/4" 4 1/2" 9.5 # @ 4644" TD 4644 w/ 130 sx cement

#### EL MAR Type or print only

#### RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Form W-2 Rev. 4/1/83 483-045

		12	<i>'</i> ろ30 г	API No. 42-301 - 801	7. RRC District No.
Oil Well Poter	ntial Test, Comple	etion or Recompl			8. RRC Lease No.
	· -	_			21246
I. FIELD NAME (as per R		2. LEASE		Τ	9. Well No. 1221W
EL MAR (DELAWA 3. OPERATOR'S NAME (B			DELAWARE/UNI/ RRC Oper		10. County of well site
MERIDIAN OIL		Sampanon Reports	56113		LOVING
4. ADDRESS					11. Purpose of filing
P.O. BOX 51810  5. If Operator has changed	0, Midland, TX				Initial Potential
UNION ROYALTY	within the last oo days, han	ie the former operator			Retest
6a. Location (Section, Bloc	* '	1	ce and direction to neare		
3 54 12. If workover or reclass, g	T &		ILES NORTH OF	MENTONE Oil - O   WELL NO	Reclass
FIELD & RESERVOIR	51.0101.11010 (11111.110301	Tony & gas is of on four	OIL LEASE #	Gas - G	Well record only (explain in Remarks)
13. Type of electric or other	er log run		<del></del>	14. Completion or recomple 7/28/95	etion date
······································				7720730	
SECTION I: POTEN	- <del>,</del>			hours unless otherwise	
15. Date of test	16. No. of hours tested	17. Production n	nethod (Flowing, Gas Li of pump)	itt, Jetting, Pumping -	18 Choke size
19. Production during	Oil - BBLS	Gas - MCF	Water - BBLS	Gas - Oil Ratio	Flowing Tubing Pressure
Test Period  20. Calculated 24-	Oil - BBLS	Gas - MCF	Water - BBL	S Oil Gravity - API - 6	0° Casing Pressure
Hour Rate	Oll - BBLS	Gas - MCF	water - BBL	on Gravity - APT - 0	Po
21. Was swah used during th	ris test? Yes No	1 1 1 .	ced prior to test (New &	Reworked wells)	23 Injection Gas-Oil Ratio
INSTRUCTION within 30 days results of a pote back more than completion or re	after completing a well- ential test within the 1- 10 days before the Vecompletion, fill in bo	and one copy of the and within 10 days 0-day period, the eff W-2 was received in the sides of this form.	completed Form safter a potential te fective date of the athe District Office To report a retest,	W-2 in the appropriate st. If an operator does rallowable assigned to the (Statewide Rules 16 fill in only the front sides)	not properly report the e well will not extend and 51). To report a e.
readings or (b) the		each tank into which prod		ducted or supervised this test ne test. I further certify that the	he potential test data shown
Signature: Well	Tester	N	lame of Company	RRC Representative	
		<del>-</del>			-
	penalties prescribed in Sec			am authorized to make this re	
DONNA WILLIAMS			REGULATORY	COMPLIANCE	
Typed or printed name of o	operator's representative	00 / 05 / 05	Title of Person	7	
915 - 688 - 6943 Telephone: Area Code N	lumber Date:	08 / 25 / 95 mo. day year	Signature	<u> </u>	

FORESTON OF		<del></del>	ON 11/1	77.7	201/01/0		N . S. V	30.0						<u> </u>	
SECTION II  24. Type of Completio		D.	ATA ON WE	CLL (	LOMPLE".	HO	N AND LO	OG (N	Not Req	ured on Re		)ri-l	DATE	PE	RMIT NO.
24. Type of Completio	n New Well	Dear	ening	7	Plug Back	:	Ot	her	X	Plu	g Back o		5,5		
		·								Rul	<b>e</b> 37				CASE NO
25. Notice of Intention	i to Drill this w	rell was tiled in Na	ime of							L	eption				
TXL Corpora	tion									i	ter injed init	ition			- 1182
27 Number of produc	one wells on th	is lease in	28. Tota	i num	ber of acres							Disposa:			RMIT NO
this field (reserver	concluding the	S Well		his lea	se					1	mit	Disposa:			
					9,440					Oth				PE	RMIT NO
29 Date Play Back, D Workover or Drilli Operations		7/26/95	Comple   7/28/		t		to nearest v ase & Ruser								
31 Location of wall 3	7.1				0001				<del></del>			<del>,</del>		<del></del>	<del>-,</del>
of lease on which :			:		.992' lest	_	Foet f		<u>North</u> El Ma	n ar/Dela		Line and 6	060	Foot Leas	from se
32 Elevation (DF R)	KB. RT. GR. E	ETC )					ectional sur clination (V		ade other		7	 r: = s	X		
	35 Tota Dep	th 35 P B	Depth 3		rface Casin			<u> </u>					71 D i	Lester	
4512	4644 '	4610		D	etermined b	y:	Field Rules	]		mendation of d Commission			D: .4		
38 Is well multiple co	engéstion	39 Il matipie c or Gas ID N		all re	servoir nam	es (c	ompletions	_			. ,	VELL	to totaty Drole		Cable   Fools
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			FIELD & R	RESER	VOIR			OIL	LEASE	# Gas-G		YELL	، ن	1	
41 Name of Drilling	Contractor												42 Is Cen Attachi	ienting Affid.	avit
PRIDE	}	<del></del>		<del></del>			<del></del>	<del> </del>						Yes X	No.
43			CASIN	VG RE	CORD (R	epor	t All String	s Set i	in Well)	·	<u></u>				
CASING SIZE	WT #	'FT DLF	TH SET		ULTISTAGI	- 1	TYPE &		;	HOLE SI	IZE		P OF (IENT)	SLUR:	RY VOL
8 5/8"	24#	521			OOL DEPTH	-	250 s	XS	(acks	12 1/4	11	Unk.		Unk.	· · · · · · · · · · · · · · · · · · ·
4 1/2"	9.5#	4644	,					XS_		6 3/4"			(Cal)	Unk.	
L			1		<del></del>		<del></del>			<u> </u>		<u> </u>		!	
44					LIN.	ER I	RECORD								
5125		TOP				Bott	om		<del> </del>	Sacks Ce	ment			Screen	
<b> </b>				$\dashv$					<del></del>				<del> </del>		
L		· <del></del>	<del></del> -		<del></del>		·· · ·		<u> </u>				·		
45	TUB	ING RECORD			-	46	Producing	Interv	al (this c	ompletion) I	ndicate	lepth of per	foration or s	open hole	
Size	D	epth Set	l	ker Se	:t	F	rom 4512	2,				To 4	550' (	Injecti	on)
2 3/8"	4410	, 	4410	<u> </u>			rom					To			
	<del> </del>						rom					To			
<u> </u>	-L		_ <del></del>									То			
17		······································	ACID	SHO	T, FRACT	URE	, CEMENT	SQU	EEZE, I	ETC.					
4575	D:	epth Interval					6-1-6	TDE		Amount and			s <b>e</b> d		
4575'							Set (	TRE	W/1	lu cmt	on	top.			
			•		<del></del>	_	<b> </b>			<del> </del>					
48.	E()0	MATION RECO	DD /LICT DE	DTU	OF PRING	CID	V CEOLO	CICA	f 161 P	KEDE AND	20014	T(1) 5' T(1)	DC)		
Formati		anna i On ROCO	Dep		OF LKIIA	-112	TE GEOLG	OICA	Format		UKM	110.4 10		epth	
						$\dashv$						-		·	
						$\dashv$									
REMARKS In je	ction w	ell.													
		<del></del>													:·
										- · · · · · · · · · · · · · · · · · · ·					
															_

#### 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 SPUD DATE: 9/13/59 **COMPLETION: 9/29/59** County: LOVING, STATE: TEXAS Drilling comments: EL: 3073' GL: KB: **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. HOLE: 12 1/4" 8 5/8" 24# casing @ 540' cemented w/ 200 Well Type POW SURF. No other information available in public records TOC @ 3860' CIBP@ 4471' W/20' CMT DRLD OUT TO 4609' (PBTD) 2 3/8" tubing @ 4588' A W/3000 GLS 15% hv-60 ACID Delaware Perfs @ 4521' - 4604' PBD 4609' HOLE: 7 7/8" 4 1/2" 9.5 # @ 3515' - 4545'?' TD 4645 w/ 100 sx cement

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

96

vear

08

tle of Person

OPERATOR'S CERTIFICATION

Typed or printed name of operator's representative

knowledge.

Donna Williams

Telephone: Area Code Number

915-688-6943

24. Type of Completion	<del></del>		DAT	A ON W	ELL (	COMPLETI	ON AND LO	G (Not l	Requ	ired on Reset)						
		₩.		<u></u>	٦ -				 	25. Permit to Plug Back	or	۔ ۔	DATE			AIT NO.
	New We	11 X	Deepen	ing		Plug Back	Oti	ner	_]	Deepen Rule 37		6/2	27/96	5		1434 SE NO
6. Notice of Intention	to Drill this v	well was f	filed in Nam	e of						Exception	ı					
Meridian Oi	l Inc.									Water in	ection				PERN	ON TIN
7. Number of produci	ing wells on th	his lease i		28 Tot	aloum	ber of acres				Permit	Diament.				DEDA	IIT NO.
this field (reservoir	r) including th	is well	ın		this lea	ise				Salt Wate	r Disposal				PERM	TIT NO.
	95					9,440				Other	<del></del>				PERN	IIT NO.
<ol> <li>Date Plug Back, De Workover or Drillin</li> </ol>		1	unenced	Comp	leted		ce to nearest w Lease & Reser			7						
Operations:		7/9	9/96	7/23	/96	1	249									
1. Location of well, re	elative to near	rest lease	boundaries	l	! 1	992'	, ,	om NO	rth		Line and	198	80'		Feet fro	orn
of lease on which th						lest	Line o	(the E]	Ma	r/Delawar	e/Uni		30		Lease	
2. Elevation (DF, RK 3073)	KB, RT, GR, 1	ETC.)					lirectional surv inclination (W		other		Yes	X	No	o		
	35. Total Der	pth	36. P. B. D	Pepth	37. Su	urface Casing	<del></del>								5-1	<del></del>
	4645'		4609'			etermined by:	Field Rules	1 1		endation of T.D.\ Commission (Sp	v.R.	읨		Letter	3-1	/ - 7
8. Is well multiple con	mpletion?			npletion, lis	st all re	servoir names				·•		40	). Interv	als , F	Rotary	Cable
Yes X	7 No	or	Gas ID No.	FIELD &	RESER	RVOIR		GAS IE		Oil-O Gas-G	WELL		Driile by:	a i	Tools	Tools
I. Name of Drilling C		<del></del>	<del></del>			<del></del>						42	Je Can		Affidavi	<u>i</u>
Pride	Zonii acioi			<del></del>						-		- "	Attach		Allicavi	
												1		Yes	X	No
3				CASI	NG RE	ECORD (Rep	ort All String	s Set in W	(ell)		-					
CASING SIZE	WT #	VFT.	DEPTI	H SET	į.	ULTISTAGE OOL DEPTH		AMOUN NT (sacks		HOLE SIZE		OP C EMEI		3	SLURRY cu. fl.	
5/8"	24#		540		<u> </u>		Unk s		-+	12 1/4"	Suri	<u> </u>		Unk		
1/2"	9.5#		3515	-4545			Unk s		$\neg \uparrow$	7 7/8"	Toce		60'	Unk		
	1		1	55 11.6	# (1.	jt) at cs	g stub de	epth of	f 35				5 K-5	5 LT	C 11.6	# csq
<u>tie</u>	back on	to cs	<u>q.                                    </u>		1											
<del></del>							4			<del></del>	Lett.	//	<u>H</u>	L		
•.	- <del></del>	<del></del>				LINE	RECORD				19604	<u>//</u>				
Size			TOP			<del></del>	R RECORD			Sacks Cement				Ser	een	
<del></del>			TOP			<del></del>								Ser	een	
<del></del>			TOP			<del></del>						\(\frac{1}{2}\)		Ser	een	
Size	TUB	BING RE				В	ettorn	Interval (t	this co				ation of			
Size Size	D	Depth Set	CORD	Pa	cker Se	B	b. Producing		this co	Sacks Cement	e depth of To	perfor				
Size Size	<del></del>	Depth Set	CORD	Pa	cker Se	B	b. Producing From 452.		this co	Sacks Cement	e depth of p	perfor				
Size Size	D	Depth Set	CORD	Pa	cker Sø	B	b. Producing		this co	Sacks Cement	e depth of To	perfor				
Size Size 3/8"	D	Depth Set	CORD	Pa	cker Se	B	b. Producing From 452		this co	Sacks Cement	to To	perfor				
Size Size 3/8"	4588	Depth Set	CORD			B	b. Producing From 452. From From			Sacks Cement impletion) Indica	e depth of p To To To To	perfor	4.			
Size Size 3/8"	4588	Depth Set	CORD			B det	b. Producing From 452. From From From	SQUEEZ	ZE, E	Sacks Cement impletion) Indica  TC.  Amount and Kinc	e depth of p To To To To	perfor	4.			
Size  Size  3/8"  CIBP@ 4471 v	4588	Depth Set	CORD			B det	b. Producing From 452 From From Prom Drld	out 1	ZE, E	Sacks Cement impletion) Indica  TC.  Amount and Kinc 4609' (PE	e depth of p To To To To Of Material	performance 460	4.			
Size  3/8"  CIBP@ 4471 w	4588	Depth Set	CORD			B det	b. Producing From 452 From From Prom Drld	out 1	ZE, E	Sacks Cement impletion) Indica  TC.  Amount and Kinc	e depth of p To To To To Of Material	performance 460	4.			
Size  Size  3/8"  CIBP@ 4471 w	4588	Depth Set	CORD			B det	b. Producing From 452 From From Prom Drld	out 1	ZE, E	Sacks Cement impletion) Indica  TC.  Amount and Kinc 4609' (PE	e depth of p To To To To Of Material	performance 460	4.			
Size 3/8" CIBP@ 4471 v	4588 4588	Depth Set	CORD	ACIE	D, SHC	et 4	From From Production P	squeez out 1	ze, e to gls	Sacks Cement impletion) Indica TC.  Amount and Kinc 4609' (PE 15% HV - 6	e depth of p To To To To Of Material	460	4			
Size 3/8" CIBP@ 4471 v	4588 4588 p.w/20' Cl	Depth Set	CORD	ACIE	D, SHC	et 4	From From Production P	out 1	ze, e to gls	Sacks Cement Impletion) Indica  TC.  Amount and Kinc 4609' (PE 15% HV - 6	e depth of p To To To To Of Material	460	4.			
Size  3/8"  CIBP@ 4471 w  521'-4604'  Formatic	4588 4588 p.w/20' Cl	Depth Set	CORD	ACIE	O, SHO	et 4	From From Production P	out 1	ze, e to gls	Sacks Cement Impletion) Indica  TC.  Amount and Kinc 4609' (PE 15% HV - 6	e depth of p To To To To Of Material	460	4.	open h		
Size  3/8"  CIBP@ 4471 w 4521'-4604'  Formatic	4588 4588 p.w/20' Cl	Depth Set	CORD	ACIE	O, SHO	et 4	From From Production P	out 1	ze, e to gls	Sacks Cement Impletion) Indica  TC.  Amount and Kinc 4609' (PE 15% HV - 6	e depth of p To To To To Of Material	460	4.	open h		
Size  3/8"  CIBP@ 4471 w 4521'-4604'  Formatic	4588 4588 M/20' C	Depth Set	CORD  Fival  ON RECORD	ACIE  D (LIST D	D, SHC	B 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	b. Producing From 452. From From Prom Prom Prom Prom Prom Prom PAL GEOLO	Out 1 3000 o	to gls	TC.  Amount and Kine 4609' (PE 15% HV - 6	e depth of p To To To To Of Material	460	4.	open h		
Size  3/8"  CIBP@ 4471 w 4521'-4604'  Formatic	4588 4588 by/20' C	Depth Set	cord  Fival  ON RECORD	ACIE D (LIST D De	D, SHO	S OF PRINCE	b. Producing From 452. From From Prom Prom Drld A W/3	out 1 3000 c	to gls	Sacks Cement  Impletion) Indica  TC.  Amount and Kinc  4609' (PE  15% HV - 6	of Material	460	4.	open h		
Size  3/8"  CIBP@ 4471 v 4521'-4604'  8.  Formatic	4588  D N/20' CI  FOR	Depth Set	CORD  Fival  ON RECORD	ACIE D (LIST D De	D, SHO	S OF PRINCE	b. Producing From 452. From From Prom Prom Drld A W/3	out 1 3000 c	to gls	TC.  Amount and Kine 4609' (PE 15% HV - 6	of Material	460	4.	open h		
5.  Size  3/8"  7.  CIBP@ 4471 v  4521'-4604'  8.  Formatic  with Forms G.    and geothermatic	4588 4588 by/20' C	Depth Set	cord  Fival  ON RECORD	ACIE D (LIST D De	D, SHO	S OF PRINCE	b. Producing From 452. From From Prom Prom Drld A W/3	out 1 3000 c	to gls	Sacks Cement  Impletion) Indica  TC.  Amount and Kinc  4609' (PE  15% HV - 6	of Material	460	4.	open h		////

#### EL MAR/DELAWARE/UNIT # 1223W FORMERLY UNION ROYALTY, INC.

(NMOCD # \_\_\_\_ API# 42-301-00392 ) 1992' FNL & 1980' FEL

Section 3, BLK, 54, T		SPUD DATE: 9/27/59 COMPLETION: 10/7/59			
County: LOVING, STAT EL:	E: TEXAS	Drilling comments:			
GL: KB:		Completion Comments:			
		Well Type CIW			
		No other information available in public record			
HOLE: 12 1/4"	8 5/8" ?# casing @ 538'	<del></del>			
	cemented w/ 250 SAX				
	CIR TO SURF	<del></del>			
1					
1					
1					
i					
	TOC @ 3855'				
		<del></del>			
		<del></del>			
		<del></del>			
	CIBP @ 4510' W/20' CEMENT ON TO	· · · · · · · · · · · · · · · · · · ·			
	(2/7/86)				
	Delaware Perfs @ 4510' - 4634'				
		<del></del>			
HOLE: 6 3/4"	4 1/2" 7 # @ 4685'				
TD 4685'	w/ 130 sx cement				
		<del></del>			

# Form H-5

RAILROA	D COMMI	SSION OF TE	XAŞ	06/03/85
1.74-40	Oil and Gas			UIC CONTROL NO.
READ INSTRUCTIONS ON DACK	isposal/Inj			
PLEASE TYPE OR PRINT	Pressure Te	est Report		TypeFOR RRC USE ONLY
1. OPERATOR'S NAME		-::::::::::::::::::::::::::::::::::::::		2. RRC OPERATOR NO.
UNION ROYALTY, INC.		HUCEIVED LAC OF TEXAS		876825 4. RRC DISTRICT NO.
3. ADDRESS 500 W. TEXAS				8
SUITE 1460 MIDLAND, TEXAS 7970	1	JUL 05 1990		5. COUNTY LOVING
6. FIELD NAME (Exactly as shown on proration schede EL MAR (DELAWARE)	dule)	MID 4280195	ş. 30	8. API NO. 42-301-00392
9. LEASE NAME		10a. OIL LE		10b. GAS ID NO. 11. WELL NO.
EL MAR/DELAWARE/UNIT  12. REASON FOR TEST	13. DATE O	21246	IIA DET	1223W
12. REASON FOR TEST	NONE	or lesi		EST? YES NO  S. see Instruction No. 5
☐ Initial Test Prior to Injection		COMPLETION		size depth set
☐ After Workover	Surface			5/8 538
☐ Annual Test Required By Permit	Long St. Tubing	ring Casing	1/2 4685 DNE	
☐ Five-Year Test Required By Rule	ISO DACKE	ER MAKE AND M	(ODE)	16b. DEPTH SET
☑ Other (Specify) WELL IS T/A WITH	NONE	ER WARE AND W	IODEL	N/A
CIBP ABOVE INJECTION INTERVAL @ 4510 W/20' CEMENT ON TOP.	17. AUTHO	RIZED INJECTION	ON PRESS	URE (PSIG): N/A
18a. PERMITTED INJECTION INTERVAL		18b. COMPLETE		
Top 4453 Bottom 4588		Top 45	553	Bottom 4634
19. TEST PRESSURE (PSIG) [see Instructions 4(compared to the compared to the c	CE CSG	TIME	TUBING	CASING SURFACE CSG.
30 min	<del></del>	<del></del>		
	<del></del>			
20. CHARACTERISTICS OF INJECTION FLUID (see Instruction 4(e))		(see Instruct)		ANNULUS FLUID nd 4(f)
N/A		N/A		
		****		
22. TEST WITNESSED BY RRC? YES NO If NO. see Instruction 4(a) If YES, Name of RRC Representative N/A		23. WERE OTHE THIS TIME?		SURVEYS PERFORMED AT  NO. If YES, List: N/A
24. OPERATOR COMMENTS ON TEST (attach sepai	rate sheet if n	ecessary)		
THIS WELL WAS T/A BY TEXACO I	INC ON	FEBRUARY 3	1986	
Janes III II II II II II II II II II II II I		I LBROAKI /	, 100	SEE ATTACHED W-13
25. WELL STATUS: ☐ Active   ☐ Temporari	ly Abandone	d D Other (	Specify) _	
CERTIFICATE:			20-	P
I declare under penalties prescribed in Sec. 91.143.		11 22	Signatur	<u>/</u>
Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me	T. N.	MCKNIGHT,	JR.	PRESIDENT Title
or under my supervision and direction, and that data and facts stated herein are true, correct, and complete.		(915) 686-1	991	Date 6-29-90

Form W-15 Cementing Report Rev. 4/1/83 483-045

# RAILROAD COMMISSION OF TEXAS Oil and Gas Division

Operator's Name (As shown on Form P-5, Organization Report)     TEXACO, INCORPORATED	2. RRC Operator No.	3. RRC District No.		4. County of Weil 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 (OEINWARE) Unit	9. Rule 37 Case No.	10. OULEASSE/Gas	ID No.	11. Well No. 1223		

CASING CEMENTING DATA:		1	SURFACE INTER- CASING MEDIATE		PROD	WCTON 1990	MULTI-STAGE CEMENTING PROCESS		
					CASING	Single String	OMAHIPLE AS	Tool	Shoe
12. 0	Cementing Date			9/28/59		10/8/59			
13.	*Drilled hole size			12/4"		43/4"			
	•Est. % wash or hole en	largement							
14. 3	Size of casing (in. O.D.)			8 5/2"		41/2"			
15. 1	Top of liner (ft.)			o'		0′			
16.	Setting depth (ft.)		_	538'		4685'			
17. 1	Number of centralizers u	sed		2		4			
18. 1	irs, waiting on cement t	sefore drill-out							
Ļ	19. API cement used:	No. of sacks	<b>&gt;</b>	200		100			
t Slurry		Class	<b>&gt;</b>	A		Α			
1st		Additives	<b>&gt;</b>	6% Gel		4% G.1			
Ę		No. of sacks	<b>&gt;</b>	5 D		30			
2nd Slurry		Class	<b>&gt;</b>	Α		A			
2n		Additives	<b>&gt;</b>	HA5		LAtex			
ту		No. of sacks	<b>&gt;</b>						
ઉત્તે કોપ્પાપ્		Class	<b>&gt;</b>						
ည်		Additives	<b>&gt;</b>	,					
1 s t	20. Sturry pumped:	Volume (cu. ft.)	>						
_		Helght (ft.)	<b>&gt;</b>	!		3155'			
2nd		Volume (cu. ft.)	<b>&gt;</b>						
		Height (ft.)	<b>&gt;</b>	-				_	
3rd		Volume (cu. ft.)	<b>&gt;</b>						: ,
		Height (ft.)	<b>&gt;</b>						
Total		Volume (cu. ft.)	<b>&gt;</b>						
	<u> </u>	Height (ft.)	<b>&gt;</b>						-
21.	Was cement circulated to for bottom of cellar) outs	o ground surfac	e	Yes				<del></del>	

				•	-			
CEMENTING CO 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 ½"							
25. 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 (	CIB	P 62 45	10' wit	\$ 20'C	ement	on to	P

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 penormed 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		C Wirel	ine, I	nc. Signatu	Do file	حزكم			
2401 Catlin O	dessa,	Texas	79764	915	362-6351		2-7-	86	
Address	City.	State.	ZIp Code	Tel.: Area Code	Number	Date: 1	mo.	day	yr.
OPERATOR'S CERTIFICATE: I declare under pecertification, that I have knowledge of the well data true, correct, and complete, to the best of my knowledge.	and Informati	on presented i	n this report.	and that data and f					
Typed or printed name of operator's representative	Title			Signatu	re				
Address	City.	State.	ZJp Code	Tel.: Area Code	Number	Date:	mo.	day	ут.

#### 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 comenting 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 easing. 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.

#### **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 SPUD DATE:11/7/59 COMPLETION: 11/18/59 County: LOVING, STATE: TEXAS Drilling comments: EL: GL: KB: 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' DRLD OUT TO 4658' (PBTD) 7/12/96 HOLE: 7 7/8" 4 1/2" 9.5 # @ 4695' TD 4695' w/ 180 sx cement

·Type or print only

## RAILROAD COMMISSION OF TEXAS Oil and Gas Division (1-23-92)



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

V		\[\bar{A}\]	API No. 42- 301-80193	7. RRC District No.
Oil Wall Potential Test Complete	tion or Pagamala			08
Oil Well Potential Test, Comple	non or kecomple	tion Keport, a	uu Log	8. RRC Lease No. 21246
1. FIELD NAME (as per RRC Records or Wildcat)	2. LEASE NA	ME		9. Well No.
El Mar (Delaware)		<u>Delaware/Unit</u>		1224
3. OPERATOR'S NAME (Exactly as shown on P-5, Org Burlington Resources Oil & Ga		RRC Opera		10. County of well site Loving
4. ADDRESS	3 00mpany	1 10933	0	11. Purpose of filing
P.O. Box 51810, Midland, TX	79710-1810			Initial Potential
5. If Operator has changed within the last 60 days, name	the former operator			
Meridian Oil Inc. (561132)  6a. Location (Section, Block, and Survey)	6b. Distance	and direction to neares	st town in this county.	Retest
3 54 T&P	RR18 mi	les northwest	•	Reclass
12. If workover or reclass, give former field (with reserv FIELD & RESERVOIR	oir) & gas ID or oil lease r	o. GAS ID or OIL LEASE #	Oil - O WELL NO.	
PILLO & RESERVOIR		OIL LEASE #	Gas - G	Well record only (explain in Remarks)
13. Type of electric or other log run			14. Completion or recompletion 7/12/96	on date
<u> </u>			1/12/30	<del></del>
SECTION I: POTENTIAL TEST DATA	IMPORTANT: Tes	st should be for 24	hours unless otherwise sp	ecified in field rules.
15. Date of test 16. No. of hours tested	17. Production me Size & Type o	thod (Flowing, Gas Lif	, ,	18. Choke size
8/18/96 24 19. Production during Oil - BBLS	Gas - MCF	Water - BBLS	x1.5"x24'	64/64" Flowing Tubing Pressure
Test Period 1	Oas - Mer	75	N/A	118 PSI
20. Calculated 24- Oil - BBLS	Gas - MCF	Water - BBLS		Casing Pressure
Hour Rate		·		118 PSI
21. Was swab used during this test? Yes No	1 X 1 1	d prior to test (New &	Reworked wells) 2	<ol> <li>Injection Gas-Oil Ratio</li> </ol>
REMARKS:	None			
Cleaned out wellbore and ret	urned to produ	ction		
	a. nea to p. caa			
INSTRUCTIONS: File an original a within 30 days after completing a well results of a potential test within the 10 back more than 10 days before the V completion or recompletion, fill in both	l and within 10 days: 0-day period, the effe V-2 was received in t	after a potential test ctive date of the a the District Office	st. If an operator does not llowable assigned to the v (Statewide Rules 16 ar	t properly report the well will not extend
WELL TESTER'S CERTIFICATION				
I declare under penalties prescribed in Sec. 91 readings or (b) the top and bottom gauges of e				
above is true, correct, and complete, to the be	-	g	,	TO CECE
			•	See a light
Signature: Well Tester	Na	me of Company	RRC Representative	CP TO THE
			MIDL	~ 1996
				4W. C.
OPERATOR'S CERTIFICATION  I declare under the penalties prescribed in Sec prepared by me under my supervision and				
knowledge.		. /		•
Donna Williams			Compliance	
Typed or printed name of operator's representative 915-688-6943	08 / 30 /_ 96	Title of Person	(i.( ,)	
T-land and Golden	08 / 30 / 96 mo. day year	Signature		
		<b>U</b>		

SECTION II	<del></del>	<del></del>	DAT	A ON Y	WELL (	COMPLET	ION	AND LO	G (N	ot Regi	uired on Res	set)						
14. Type of Comp	letion									•	25. Perii	nit to D			DATE	P£	RMIT NO.	
	New	well	Despen	ing [		Plug Back		Oti	her	X	Deep	Back o ∝n	۲,					
76 Nave 61				_		·					Rule	37					CASE NO.	
25. Notice of Inter	nion to Drill	this well w	as Itled in Name	e of							t	ption					<del></del>	
												er inject	tion			PE	RMIT NO.	
27. Number of pro	Mucina wells	on this less		1 28 T	'otal muu	per of acres					Peri		0:			ĎF.	RMIT NO.	
this field (reser	rvoir) includi:	ng this well	1		n this les	ise					j		Disposal				104111 14O.	
						9,440					Peri					PE	RMIT NO.	
29. Date Plug Back	c, Deepening,	, c	ommenced	Con	npleted	30. Dista					-	-1						
Workover or D Operations:	rilling	7	/10/96	7/1:	2/96	Same	Lease	e & Reser	voir									
		i		1 / 1	2,00						_							
31. Location of we of lease on whi	ll, relative to ich this well i	nearest lea s located	se boundaries			992'		Feet fi	_ '	North			Line and		0,		from	
32. Elevation (DF	DVD DT (	GP ETC 1				ast	diese	Line o		_ , , ,	ar/Dela	ware	/Uni	<u>t</u>		Leas	e	
	, ida, ki,							nation (W				] <sub>Y</sub>	'es	X	. No	•		
34. Top of Pay	35. Total		36. P. B. D	epth		rface Casing		Field	_	Recount	nendation of 1	ישמי	P.		Dt. of	Letter		
4562	4695		4658				•	Rules	_		d Commission				Dt. of	Letter		
38. Is well multiple	e completion?	? 39.	If multiple con or Gas ID No.	ipletion,	list all re	servoir name	s (con	npletions i		well) and S ID or				40	0. Interv		Cable	
Yes	X No			FIELD &	reser	RVOIR				LEASE	# Oil-O Gas-G		/ELL		by:	-		
41. Name of Drilli	ing Contracto	,								· <u>-</u>	-			42	Is Cerr	l nenting Affida		
Pride	ing contracto	" <del> </del>									<del></del> -			-	Attache	ed?		
rrue														1		Yes X	No	
43.		<del></del>		CA	SING RI	ECORD (Re	port /	All String	s Set i	in Well)		·		-			<del></del>	
CASING SIZE	: "	YT #/FT.	DEPTI	I SET	1	ULTISTAGE		TYPE &		1	HOLE SI	ZE		OP C		SLUR.	RY VOL.	
8 5/8"	24#		536		<del>  ``</del>	JOE DEFIN		Jnk s		acks)	12 1/4		Sur					
4 1/2"	9.57		4695		+			Jnk s			7 7/8"		TOC		00'	Unk.		
	12.91	ш	1000		+		+	<u> </u>	<u> </u>		7 770		1000	<u> </u>	00	O,iic.		
44.	<u>.                                    </u>																	
Size		Ţ	TOP				Bottor	ECORD		<del></del>	Sacks Ce			-		Screen		
		<del></del>	101		+		Bonoi			<del></del>	34005 CC			$\dashv$		3616611		
		-		·						<del>                                     </del>				+				
										<u></u>								
45.		TUBING	RECORD				_			al (this c	ompletion) I	ndicate				open hole		
Size		Depth S	Set		Packer S	et		<sup>2</sup> 456	5,					464	ł8'			
2 3/8"	45	555'		455	5'		Fro						To To					
		<del></del> -					Fro						To				<del> </del>	
<del>-</del>				Ĺ		1												
47.				AC	CID, SHO	OT, FRACT	URE,	CEMEN'	T SQU	JEEZE, I	ETC.							
		Depth I	interval								Amount and			ıl Use	.d			
CIBP@ 451	6 w/20'	cmt										(PBT			4 6 6	0 1	==1	
4562'-4648	8′						_+	A w/	300	<u>0 gls</u>	s 15% H	<u>V - 60</u>	acı	<u>d</u> +	- 100	U gis	geı	
brine																		
<u> </u>																	<u>.</u>	
48.	<del></del>	FORMA?	TION RECOR	D (LIST	DEPTH	S OF PRIN	CIPAI	L GEOL	)GIC.	AL MAR	KERS AND	FORM.	ATION	TOPS	j)			
For	mations			1	Depth					Forma	tions				1	Depth		
							_											
REMARKS	·														<del></del>	<del></del>	<del> </del>	
Cleaned ou	+ 1/0711	hore =	nd ratio	rned	to r	product	ior											
Siediled Off	c wern	טטופ פ	ing letu	11160	<u> </u>	or Jude L	. 101	1.										
			<del></del>															

### EL MAR/DELAWARE/UNIT #1311

	EL MAR/DELAWARE/UNIT #	1311
	FORMERLY (NMOCD #, API# 42-301-0085	5)
660' FNL & 6		.,
Section 2, BLK. 54,		SPUD DATE:11/1/59 COMPLETION: 11/13/59
County: LOVING, STA		Drilling comments:
EL: 3097' Di	F	
GL: KB:10'		Completion Comments:
	\$0	TA: 8/27/82
		Well Type TA
		No other information available in public record
HOLE: 11"	7 5/8" 26.4# J-55 casing @ 477'	
	cemented w/ 750	
}	Circ/ SURF	
l l		
ſ		<del></del>
	- Hank	
	TOC @ 3839' CALC	
		<del></del>
		<del></del>
		**************************************
		<del></del>
	PLUG @ 4538'	
	<b>_</b>	
	Delaware Perfs; 4588' - 4611'	<del></del>
	4615' - 4630' @ 2JSPF	
	OLDS PERFS:	<del></del>
	4664' - 4684' @ 2JSPF	<del></del>
		<del></del>
HOLE: 6 3/4" PBTD:4712	2 7/8" 6.5# J-55@ ?'	
TD 4724'	w/ 150 sx cement	

## EL MAR/DELAWARE/UNIT # 1312W FORMERLY UNION ROYATY, INC.

(NMOCD # \_\_\_\_, API# 42-301-00855 )

660' FNL & 1650' FWL Section 2, BLK. 54, T&P RR SPUD DATE: 3/29/59 COMPLETION: 4/13/59 County: LOVING, STATE: TEXAS Drilling comments: EL: GL: KB: Completion Comments: PLUGED IN 11/29/96 CMT. PLUG @ 33' W/ 10 SAX CMT Well Type P&A'D (PROD) No other information available in public records HOLE: 11" 7 5/8" 24# casing @ 688' cemented w/ 300 SX CIR. CEMT PLUG @ 901' W/ 250 SAX CMT CMT PLUG @ 3030' W/ 70 SAX CMT. CIBP @ 3438' W/ 25 SAX CMT (1996) TOC @ 3459' 2 3/8" CGS 6.5# @ 3759' ( 1996) **LEFT IN WELL** Perfs @ 4600' - 4682' PBTD @ 46981 HOLE: 6 3/4" 150 SX CMT TD 4710

#### RAILROAD COMMISSION OF TEXAS Oil and Gas Division Form W-2 Rev. 4/1/83 483-046 API No. 42- 301-00855 7. RRC District No. O. VOII Well Potential Test, Completion or Recompletion Report, and Log 8. RRC Lease No. 21246 1. FIELD NAME (as per RRC Records or Wildcat) 2. LEASE NAME 9. Well No. El Mar (Delaware) El Mar/Delaware/Unit 1312W 3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report) RRC Operator No. 10. County of well site 876825 Union Royalty, Inc. Loving 4. ADDRESS 11. Purpose of filing 500 W. Texas, Suite 1460, Midland, TX 79701 initial Potential 5. If Operator has changed within last 60 days, name former operator Retest 6a. Location (Section, Block, and Survey) 6b. Distance and direction to nearest town in this county. Reclass 12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no. GAS ID or 011 - 0 WELL NO. OIL LEASE \* FIELD & RESERVOIR Gas · G Well record only (explain in Remarks) El Mar (Delaware) Sand 14. Completion or recompletion date 13. Type of electric or other log run 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 17. Production method (Flowing, Gas Lift, Jetting, Pumping-18. Choke size 16. No. of hours tested Size & Type of pump) Water - BBLS Gas - Oil Ratio 19. Production during Oil - BBLS Gas -- MCF Flowing Tubing Pressure Test Period OIL BBLS Gas - MCF Water - BBLS Oil Gravity-API-600 Casing Pressure 20. Calculated 24-Hour Rate PSI 21. Was swab used during this test? 22. Oil produced prior to test (New & Reworked wells) 23. Injection Gas-Oil Yes REMARKS:

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.

I declare under penalties prescribed in Sec. 91.	143, Texas Natural Resources Code, that I con	ducted or supervised this test b	y observation of (a) meter
readings or (b) the top and bottom gauges of eac above is true, correct, and complete, to the bes		the test. Hurther certify that the	potential test data shown
above is true, contact and complete, to the ses	or my mioritage.		
above is true, correct and complete, to the ses	com, morreager		- <u>- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -</u>

U	ľ	Ŀŀ	(A)	UH	. 5	CEF	$c_{11}$	ric	AII	ON	
7	a.	امہ			4		-1				

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

scribed 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	
yped or printed name of operator's representative	ve .	Title of Person	
(915) 686-1991	03/04/94	1911/11	18
Telephone Area : ste Number Dare	me di yen	Stgnahure	7

7. Number of p this field (res 9. Date Plug Bac WorkOver or Operations:	pletion:  New Wei ention to Drill t  roducing wells of servoir) including		Deepe	ening [	 7	OMPLETION A	LND LOG (		25. Per Plu	mit to D g Back o		DATE	PER	MIT NO	
Notice of into Number of p this field (res Date Plug Bac WorkOver or Operations:	New Wei				] ,	Plug Back	Ot		Plu	g Back of		DATE	PER	MIT NO	
7. Number of p this field (res 9. Date Plug Bac WorkOver or Operations:	ention to Drill t				] ,	Plug Back	O:				or				
. Number of p this field (res  Date Plug Bac WorkOver or Operations:	roducing wells o	his wei	il was filed					ner 🗀	I —						
. Number of p this field (res  Date Plug Bac WorkOver or Operations:	roducing wells o	his wei	il was filed						<b>-</b>	le 37			C.	ASE NO	
Date Plug Bac WorkOver or Operations:	roducing wells overvoir) including			in Name	of					eption					
Date Plug Bac WorkOver or Operations:	roducing wells of servoir) includin								Wa	ter Injec	tion			MIT NO	
Date Plug Bac WorkOver or Operations:	roducing wells o servoir) includin									mit			F 1	<u> 182</u>	
Date Plug Bac WorkOver or Operations:	civon, madani	on this	lease in		tal num this lea	ber of acres			Sai	t Water	Disposal		PER	MIT NO	
WorkOver or Operations:		gs	wcn	""	tins ica	<b>.</b>				mit					
WorkOver or Operations:	de Deservator					Tao 201	<del></del>		Ot1	ier			PER	MIT NO	
	or, Deepening, Orilling	0	ommenced	l Com	pleted	30. Distanc Same L	e to neare: ease & Re:								
	ell, relative to ne			_l urles	Ţ	<u></u>	Feet	rom		Li	ne and		Feet In		
of lease on wi	nich this well is	located						of the					Lease		
Elevation (DF	. RKB, RT, GR, E	TC.)				33. Was dir than in	ectional su clination (	irvey made o Form W—12	ther )?	Ye	5	☐ No			
. Top of Pay	35. Total De	pth	36. P. B. I	Depth		urface Casing		71.		(#D	. [	D			
	4709			)	D	etermined by:	Rules		mendation o id Commissi			Dt of L			
. Is well multip			multiple co	mpletion.	list all	reservoir nam							ls , Rotary	Cable	
•	•	O	r Gas ID No				•	GAS ID o	r   011-0		ELL	Drilled	Tools		
		1	_	FIELD #	ベエンじド	LVOIR		OIL LEASE	Gas-G		-	by:	1	1	
. Name of Drilli	ng Contractor												enting Affida	vit	
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				CAS	ING RE	CORD (Repor	rt All Stris	igs Set in W	cll)	- <del></del>					
CASING SIZE	WT #	/FT	DEPT	H SET	ML	ILTISTAGE	<del></del>			HOLE SIZE TO			SLURRY	VOL	
······	W1 -	/1 1-	DEPI	361	ТО	OL DEPTH	CEME	VT (sacks)	LIOLES		CEN	MENT	cu. ft		
7 5/8		4#		88			Unkno				Su	rf.	Unknow		
2 7/8	6.		4.7	09			Unkno			/4	34		Unkn		
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Size			ТОР			Bot	tom		Sacks C	ement	Screen				
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<del></del>	TUB	ING RE	ECORD		<del>- ·</del> .	46.	Producing	g Interval (th	ils completio	n) Indic	ate depth	of perforat	tion or open i	nole	
Size		Depth S	Set	Pa	cker Se		om		544		То		694		
1 1/2		940			3943		om		<del></del>		To				
		<del></del>	<del></del>				om				То				
						<del></del>	om				То				
			<del> </del>	ACID	SHOT.	FRACTURE.	CEMENT	SQUEEZE. E			<del></del>				
		æpth li	nterval						Amount a	nd Kind	of Materi	al Used			
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	FOI	RMATIC	ON RECORD	(LIST DI	EPTHS	OF PRINCIPAL	L GEOLO	ICAL MARK	ERS AND F	ORMATI	ON TOPS	}			
For	mations			Deg	oth			Forma	tions			De	pth		
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MARKS															
1ARKS													·		

# S-(1-95 RAILROAD COMMISSION OF TEXAS OIL AND GAS DIVISION

FORM W = 3 Rev. 12/92

Q-N'	AND GRO DIV		220
75/1/8		API NO. 42-301-00855	1. RRC District
FILÉ IN DUPLICATE WITH DISTRIC	T OFFICE OF D	DISTRICT IN WHICH	08
WELL IS LOCATED -WITHIN TH		ER PLUGGING	4 RRC Lease or ld.
El Mar (Delaware)	3 Lease Name El Mar/Dela	wana/Unit	5. Well Number
6. OPERATOR	<del></del>		1312W
Burlington Resources Oil & Gas Company	0a, Original Form W-	ried in Name of	Loving
7. ADDRESS  P. O. Roy 51810 Midland, Toyac, 70710, 1010	66, Any Subsequent 9	W-1's Filed in Name of	11 Date Drilling Permit Issued
P.O. Box 51810 Midland, Texas 79710-1810	660' E. E. No	0.mth 16501	
of lease on which this Wall is I conted	ree(rrom	orth Line and 1650' Fee: From Mar/Delaware/Unit Lease	letter
9a. SECTION, BLOCK, AND SURVEY	195. Distance and Dir	ection From Nearest Town in this	113 Date Drilling
Sec. 2, B1k 54, T-1, T & P Survey	County	hwest of Mentone, Tx	3/29/59 /
16. Type Well Total Depth 17. If Multiple Completion List (Oil, Gas, Dry)   4710'	<del></del>		14. Date Drilling Completed 4/13/59
18. If Gas, Amt. of Cond. on			15. Date Well Plugged
Hand at time of Plugging			11/29/96
CEMENTING TO PLUG AND ABANDON DATA:	PLUG #1 PLUG #2	PLUG #3 PLUG #4 PLUG #5 PLU	G = 6   PLUG = 7   PLUG =
*19. Cementing Date	11/26/9611/29/96	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 73438	901 33	
*22. Sacks of Cement Used (each plug)	70 25	250 10	<del></del>
=23 Slurry Volume Pumped (cu. ft.)	92.4 33	330 13.2	<del></del>
=24. Calculated Top of Plug (ft.)	3393 _ 3256	P. /	<del></del>
25. Measured Top of Plug (if tagged) (ft.)	3430	404.	
*26 Sturry Wt. # 'Gal.	Bremium Bremium	14.8 14.8 Premium	<del>-</del>
•27. Type Cement		s any Non-Drillable Material (Other	
23 CASING AND TUBING RECORD AFTER PLUGGING	tha	n Casing) Left in This Well	Yes X N
SIZE WT. = /FT., PUT IN WELL (ft.) LEFT IN WELL (ft.) HO	and	inswer to above is "Yes" state depth to Driefly describe non-drillable material	i top of "junk" left in bir. "Use Reverse Side of
7 5/8"/ 24 688' / 688' /	<del></del>	m if more space is needed.)	
2 7/8" 6.5 4709 3759	6 3/4"		
		· _ · · · · · · · · · · · · · · · · · ·	
30 LIST ALL OPEN HOLE AND/OR PERFORATED INTER			
FROM 4600' TO 4682'	FRO:		
FROM TO	FRO	<del></del>	
FROM TO	FRO		
FROM TO	FRO		
FROM TO	F.RO:		RECEIVED
I have knowledge that the dementing operations, as reflected by * Designates (tems to be completed by Cementing Company). Item	the information found is not so designated shi	on this form, were performed as indicate all be completed by Operator.	***
V · 1,			DEC 1 3 199
fern Carallies	<u>H</u>	Malliburton Energy Services	
Signature of Cementer or Authorized Representative		e of Cementing Company	O.G.
CERTIFICATE			MIDLAND, TEX
I declare under penalties prescribed in Sec. 91.143, T report was prepared by me or under my supervision and	'exas Natural Resources	s Code, that I am authorized to make this a and facts stated therein are this, corre	s report, that this
to the best of my knowledge.			, ,
		- RECE	
Ca. ( Songe WHITTams	Regulatory	HIE ET THE IVED	915-688-6943
REPRESENTATIVE OF COMPANY	TITLE	DATE TEXAS	A/C NUMBER
		UEC 1 & IDA	
the out	)	~ ( 1996)	
SIGNATURE: REPRESENTATIVE OF RAILROAD COMMISSION		MIDLAND, TEXAS	
Aldina are helicesemiative of reletant samming		TEVA	2/ >

## EL MAR/DELAWARE/UNIT # 1313 FORMERLY

(NMOCD # \_\_\_\_, API# 42-301-8020500)

660' FNL & 2310'		
Section 2, BLK. 54, T&P County: LOVING, STATE: T		SPUD DATE:5/8/60 COMPLETION: 5/20/60
EL: 3086' GR	EAAS	Drilling comments:
3095' DF		Completion Comments:
3330 2.		Well Type POW
		No other information available in public record
	7 5 (01 0 4 # @ 600)	
HOLE: 11"	7 5/8" 24# casing @ 690' cemented w/ 300 Circ/SURF	
	5110/00111	
	TOC @ 3850' (CIRC)	
	BAKER BRIDGE PLUG @ 4239'	
2" J-55 TBG @ 189'	W/ 10' CMT ON TOP	
2 353 783 @ 133		
<u> </u>		
	Delaware Perfs @ 4611' - 4620' @ 2JSPF	
	OILDS PERFS: @ 4685' - 4692' @ 2JSPF	
HOLE: 6 3/4" PBTD: 4733	2 7/8" 6.5 # @ 4746'	
TD 4746'	w/ 150 sx cement	
	<del></del>	
	<del></del>	

## EL MAR/DELAWARE/UNIT # 1314W FORMERLY UNION ROYALTY, INC.

(NMOCD # \_\_\_\_, API# 42-301-00860 )

FL & 'FL Section 2, BLK. 54, T&P RR SPUD DATE:3/15/62 COMPLETION: 4/2/62 County: LOVING, STATE: TEXAS Drilling comments: EL: GL: KB: Completion Comments: Well Type WIW No other information available in public records HOLE: 11" 7 5/8" 24# casing @ 754' cemented w/ 350 CIRC TO SURF. TOC @ 3650' 1 1/2" tubing @ 4406' PACKER @ 4410' Delaware Perfs @ 4585' - 4735' HOLE: 6 3/4" 2 7/8" 6.5# @ 4649' TD 4664' w/ 250 sx cement

RAILROAD COMMISSION OF TEXAS Form W-2 Type or print only Oil and Gas Division Rev. 4/1/83 Exception Pated 483-046 £ . Surface Carina API No. 42-301-00860 7. RRC District No. 5-Yoil Well Potential Test Completion or Recompletion Report, and Log 8. RRC Lease No. 21246 2. LEASE NAME 1. FIELD NAME (as per RRC Records or Wildcat) 9. Well No. Mar (Delaware) El Mar/Delaware/Unit 1314W 3. OPERATOR'S NAME (Exactly as shown on Form P-5. Organization Report) RRC Operator No. 10. County of well site Union Royalty, Inc. 876825 Loving 11. Purpose of filing Texas, Suite 1460, Midland, TX 79701 500 W. Initial Potential 5. If Operator has changed within last 60 days, name former operator Retest 6a. Location (Section, Block, and Survey) 6b. Distance and direction to nearest town in this county. 20 Miles North Blk. 54, of Mentone Reclass GAS ID or WELL NO. 12. If workover or reclass, give former field (with reservoir) & gas 1D or oil lease no. Oil · O OIL LEASE # FIELD & RESERVOIR Gas · G Well record only (explain in Remarks) El Mar (Delaware) Sand 14. Completion or recompletion date 13. Type of electric or other log run 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 17. Production method (Flowing, Gas Lift, Jetting, Pumping-Size & Type of pumpl 19. Production during Oil - BBLS Gas - MCF Water - BBLS Gas - Oll Ratto Flowing Tubing Pressure Test Period 20. Calculated 24-Oil - BBLS Gas - MCF Water - BBLS Oil Gravity-API-60° Casing Pressure Hour Rate PSI 23. Injection Gas-Oil 21. Was swab used during this test? 22. Oil produced prior to test (New & Reworked wells) Yes No Ratto 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. N. McKnight, Jr. President Title of Person Typed or printed name of operator's representative (915) 686-1991 03 04 94 Telephone: Area Code

Number

Date

day

year

mo.

Signature

SECTION II			DA1	A ON WE	LL COMPLE	ETION	AND LOG	NOL P	tequired	UII REIESL,						
24. Type of Complet	ion: New Well		Deepen	ung [	Plug B	ack		her		25. Pern Plug Deer	Back o		DATE		PERM	MIT NO.
26. Notice of Intention			<u> </u>					<del></del>		Rule					CA	ASE NO.
20. Notice of litterities	טוו נט באווו נו	ns wen	was illed i	n Name (	)1						ption				DEDI	MIT NO
										Perm	er Inject nu	1011			11	
27. Number of produ	rated wells o	n this	lease in	28 Tou	d number of	1111900				<del></del>		Disposal				MIT NO
this field (reserve					us lease	arres	•			Pern		ларозш				
				]						Othe					PERI	MIT NO
29. Date Plug Back. I WorkOver or Dril Operations:	Deepening. Iing	Con	nmenced	Comp			nce to neare Lease & Re									
31. Location of well.			ase boundar	les			Feet	From			Ļli	ne and		Fe	eet fro	om
of lease on which	this well is i	ocated			l		Line	of the	e					L	ease	
32. Elevation (DF. Ri	(B. RT. GR. E	rc.i					directional s inclination				Yes	•	No			
34. Top of Pay	35. Total Dep	th	36. P. B. D	epth	37. Surface							. [	1			
	4664			İ	Determ	uned	by: Firld Rules	J :		endation of Commission			Di. of i			
38. Is well multiple o	ompletion?	39. 11	multiple cor	mpletion.	list all reserv	oir na			s in this	well) and Oi	Il Lease		40. Intervi	ais <sub>I</sub> Ro		
		or	Gas ID No.	enen p 🤛 រ	RESERVOIR				AS ID or LEASE		W	LL	Drilled by:	i i Te	ools	Tools
1			<u></u> -					1_			ļ			i		<u> </u>
41. Name of Drilling	Contractor							-		<u> </u>	ļ		42. Is Cen Attach		<b>A</b> Mda	ivil
								↓		<del> </del>	<b>├</b> —					1
											L			Yes	<u> </u>	No
43.			<del></del>	CASI	NG RECOR		<del></del>	<u> </u>		11)						
CASING SIZE	WT */	FT.	DEPTI	H SET	MULTIS' TOOL D		1		1	HOLE SI	ZE		TOP OF SLURF			
7 5/8	24	#	<del> </del> 7	54						11			rf. Unknow			
2 7/8	6.5			49							4	365				
		··					1			<u> </u>	6 3/4 36			JO Olikilowii		
44.						LINE	R RECORD									
Size	<del></del>		TOP		<del></del>		Bottom		T	Sacks C	ement		Т	Screen		
	<del></del>				<del></del>				<del> </del>				<del> </del>			
							<del></del>		<u> </u>				<del> </del>			
45.	TUB	ING RE	CORD			4	46. Producti	ıg Int	erval (thi	s completto	n) indic	ate dept	h of perfora	tion or c	open f	hole
Size		Depth S	Set		cker Set		From	4	<u> 1585</u>			To	47	<u>35</u>		
1 1/2	4	406		4	410		Froin					То		<b></b>		
							From					To To				
<u> </u>							From					10				
47.				ACID.	SHOT. FRA	CTUR	E. CEMENT	SQU	EEZE. E	TC.						
	ī	Depth Ir	nterval				T			Amount a	nd Kind	of Mate	rial Used			
												<del></del>				
L			<del></del>													
48.		DRA ATTO	N PECOES	ALLIET DE	PTHS OF P	DIMO	PAL CECLO	VC1C *	1 MADE	EDE AND P	DNA.T	ON TOP	<u></u>			
Forma		Gran I IC	A RECORD	Dep		CHACI	. AL GEOR	OICA	Format		SUMMI	J. 10P		Depth		
			<del>                                     </del>				-					<u> </u>				
REMARKS																
				<del></del>												

## 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 SPUD DATE:12/9/59 COMPLETION: 12/25/59 County: LOVING, STATE: TEXAS Drilling comments: EL: GL: KB: Completion Comments: Well Type WIW No other information available in public records HOLE: 11" 7 5/8" ?# casing @ 515' cemented w/ 250 Circ TOC @ 3820' CIBP @ 4200' HOLE: 6 3/4" 2 7/8" ? # @ 4726' TD 4728' w/ 150 sx cement

### EL MAR/DELAWARE/UNIT #1322

FORMERLY (NMOCD # \_\_\_\_, API# 42-301-00854) 1980' FNL & 1650' FWL

County: LOVING, STATE: TEXAS		Drilling comments:	
EL: 3080' GL: KB:11'	7 5/8" 24# H-40 casing @ 688' cemented w/ 300 Circ/ SURF	Completion Comments:  Well Type P&A'D(PROD)  No other information available in public record	
	TOC @ 3810'(CALC)		
HOLE: 6 3/4" PBTD: 4699 TD: 4710'	RAMSEY Perfs: 4590' - 4596' 4600' - 4609' OLDS PERFS: 4648' 4654' 4660' 2 7/8" 6.5# J-55 @ 4710' w/ 150 sx cement		

## EL MAR/DELAWARE/UNIT # 1323 FORMERLY UNION ROYALTY, INC.

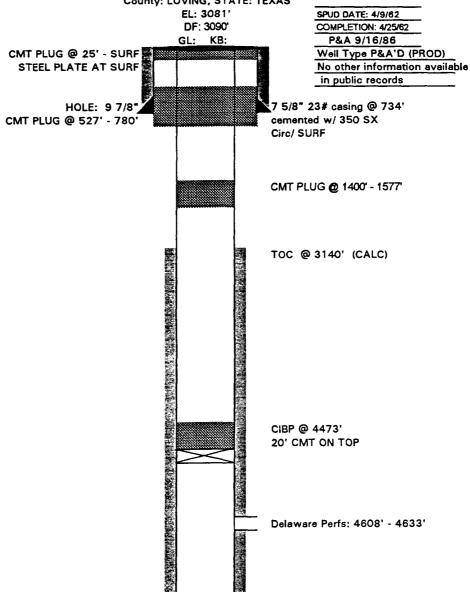
(NMOCD # \_\_\_\_, API# 42-301-80209 ) 1980' FNL &2310 ' FEL Section 2, BLK. 54, T&P RR SPUD DATE:4/26/60 COMPLETION: 5/11/60 County: LOVING, STATE: TEXAS Drilling comments: EL: GL: KB: Completion Comments: Well Type P&A'D (INJ.) No other information available in public records HOLE: 11" 7 5/8" ?# casing @ 691' cemented w/ 300 Circ TOC @ 3860' **PACKER @ 4360'** 1 1/2" tubing @ 4360' Delaware Perfs @ 4595' - 4624' HOLE: 6 3/4" 2 7/8" ? # @ 4744' TD 4734 w/ 150 sx cement

#### 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



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

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.