

QUAY VALLEY, INC.

Bobby Gray/Gray Pumping

JULY, 1996

915/943-4397

NEMU #56

Status	(TA) Formerly: Payne #9
County & State	Lea County, New Mexico
Spud Date:	04/20/1960
Completion	04/29/1960
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	4635' - 4640' w/4 SPF, 4639' has 8 holes, (4716' - 22' covered by CIBP)
Packer Size & Type	
Bridge Plug, If one	Arrow "PDQ" CIBP @ 4,585' Also CIBP @ 4,675'

NEMU #56
Added "Covered by CIBP" to
perf

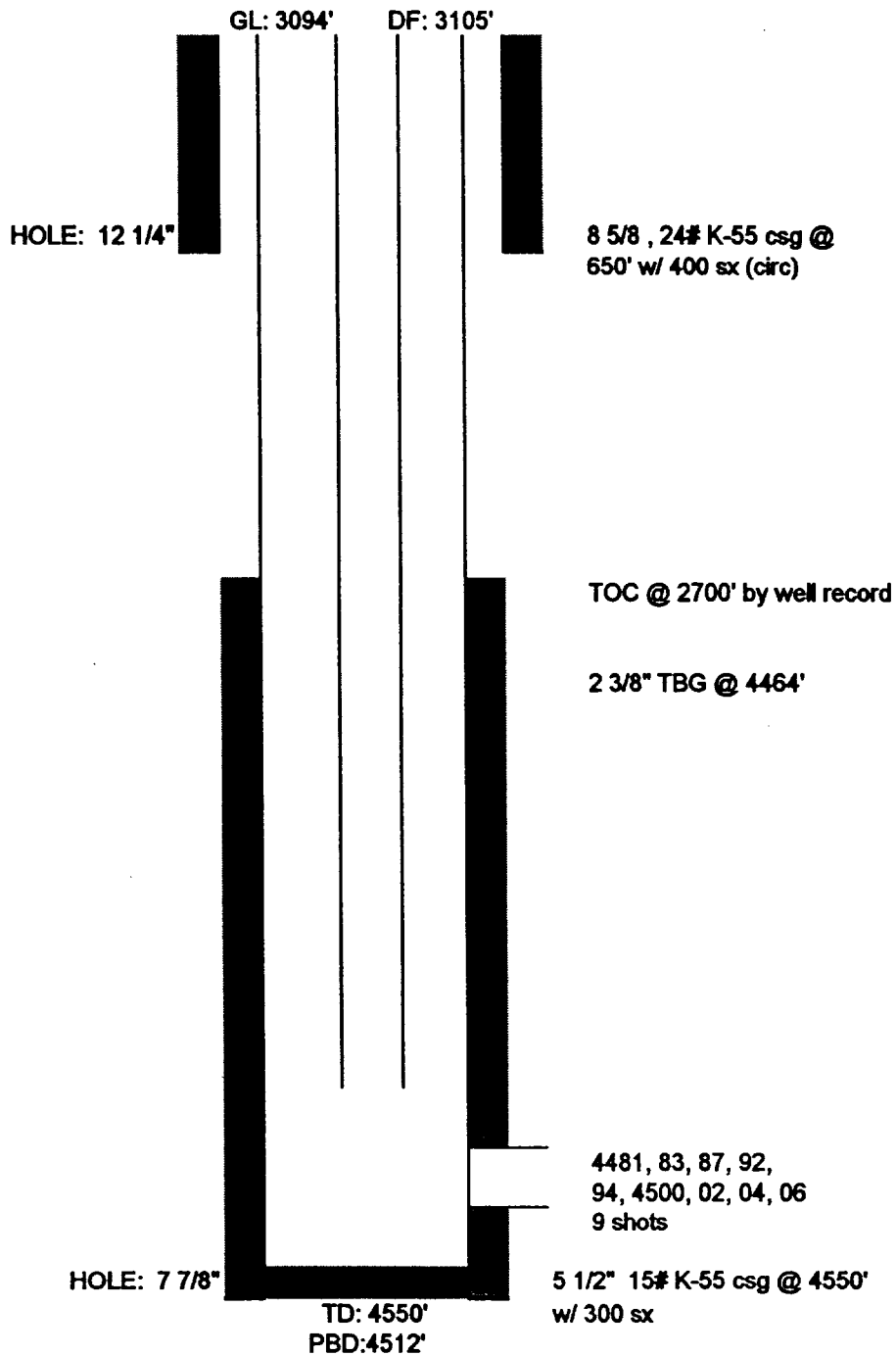
Quay Valley, INC

North El Mar Unit #59

(AP# 30-025-253890)

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

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



QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #59

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

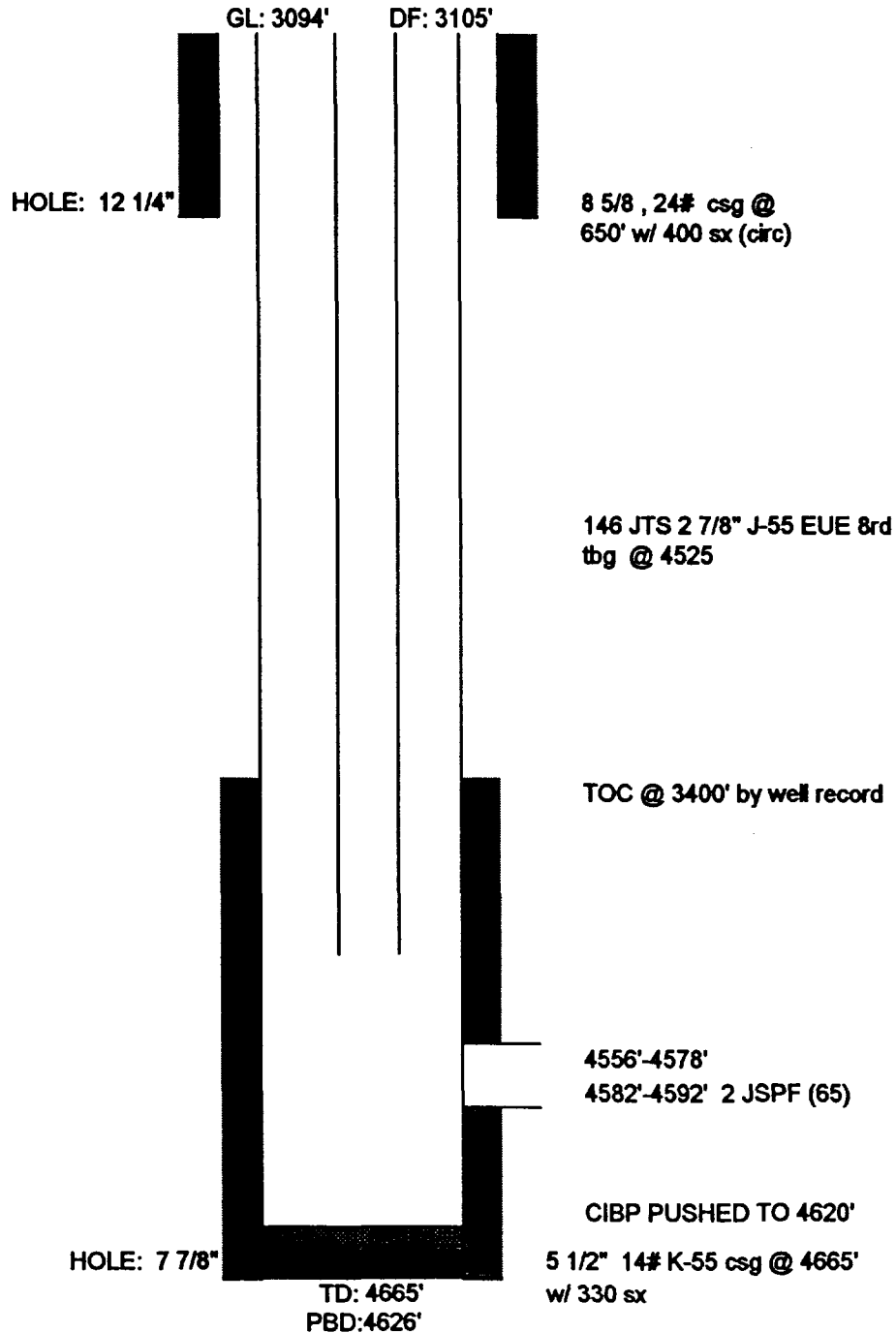
Quay Valley, INC

North El Mar Unit #60

(API# 30-025-253900)

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

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



QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/Gray Pumping
915/943-4397

NEMU #60

Status	(POW)
County & State	Lea County, New Mexico
Spud Date:	12/23/76
Completion	01/27/77
Total Depth	4,665' PBTD: 4626'
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 7/8" @ 4,525'
Perforations	4,556'-78', 4,582'-92'
Packer Size & Type	
Bridge Plug, If one	CIBP @ 4,620' (Drilled out 10/95)

Quay Valley, INC

North El Mar Unit #61

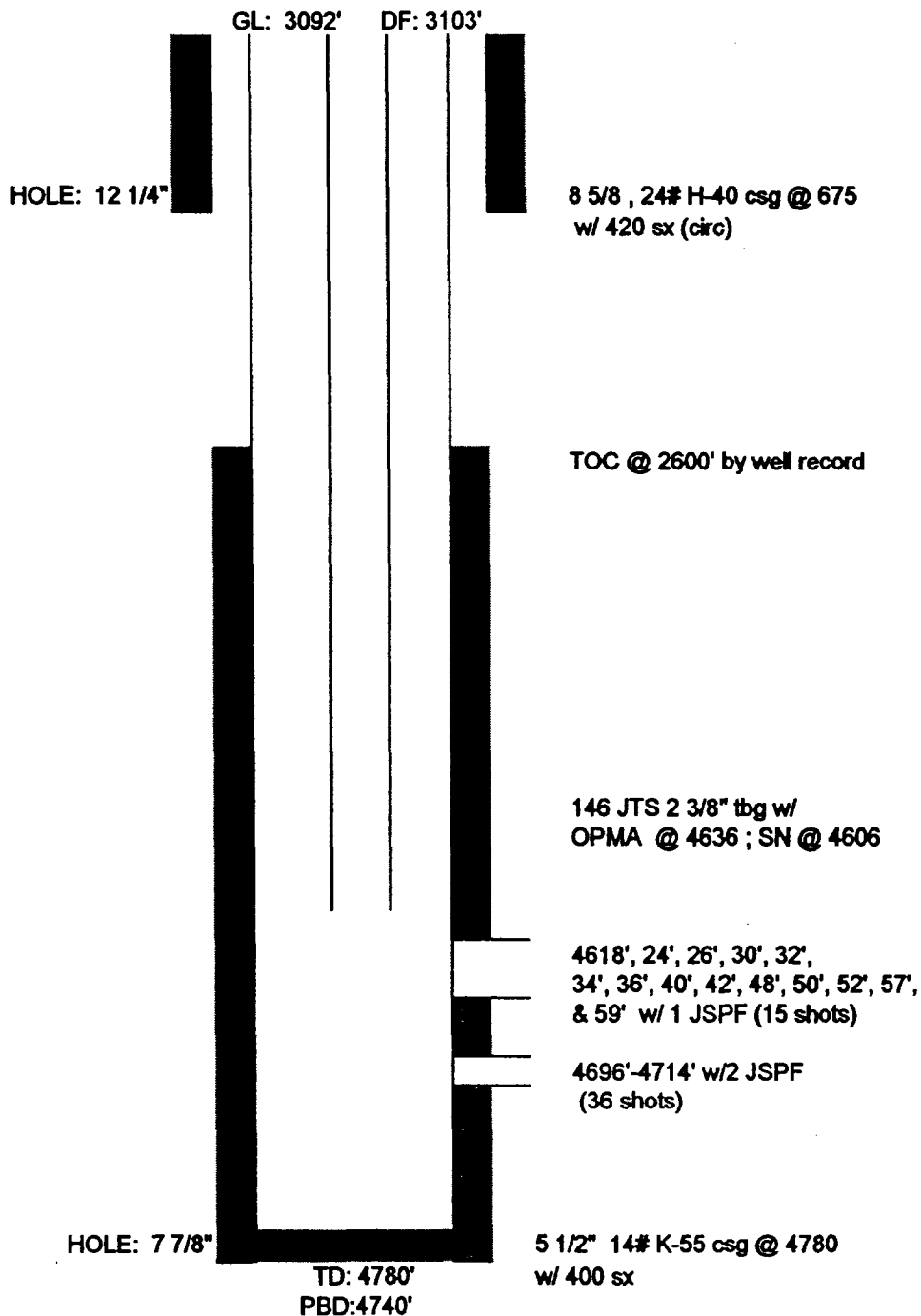
(API# 30-025-253820)

660' FNL & 330' FEL

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

Section 36, Township 26 South, Range 32 East

Lea County, NM



QUAY VALLEY, INC.
JULY, 1996

Bobby Gray/ray Pumping
915/943-4397

NEMU #61

Status	(POW)
County & State	Lea County, New Mexico
Spud Date:	01/04/77
Completion	02/14/77
Total Depth	4,780' PBTD @ 4,740'
Surface Casing	8 5/8" @ 675' 420 sx TOC: Surface Hole Size: 12 1/4"
Production Casing	5 1/2" @ 4,780' 400 sx TOC: 2,600' Hole Size: 7 7/8"
Tubing Size	2 3/8" @ 4,636'
Perforations	4,696'-4,714' (Old perms) 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 (0.50 MMCF/WELL)	15 MMCF (0.75 MMCF/WELL)
WATER VOLUME	2400 BWPD (100 BWPD/WELL)	4700 BWPD (200 BWPD/WELL)

2. WHETHER THE SYSTEM IS OPEN OR CLOSED: CLOSED

3. PROPOSED AVERAGE AND MAXIMUM INJECTION PRESSURE:

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

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

WATER: PRODUCED FORMATION WATER

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

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

NOT APPLICABLE.

Quay Valley, Inc.

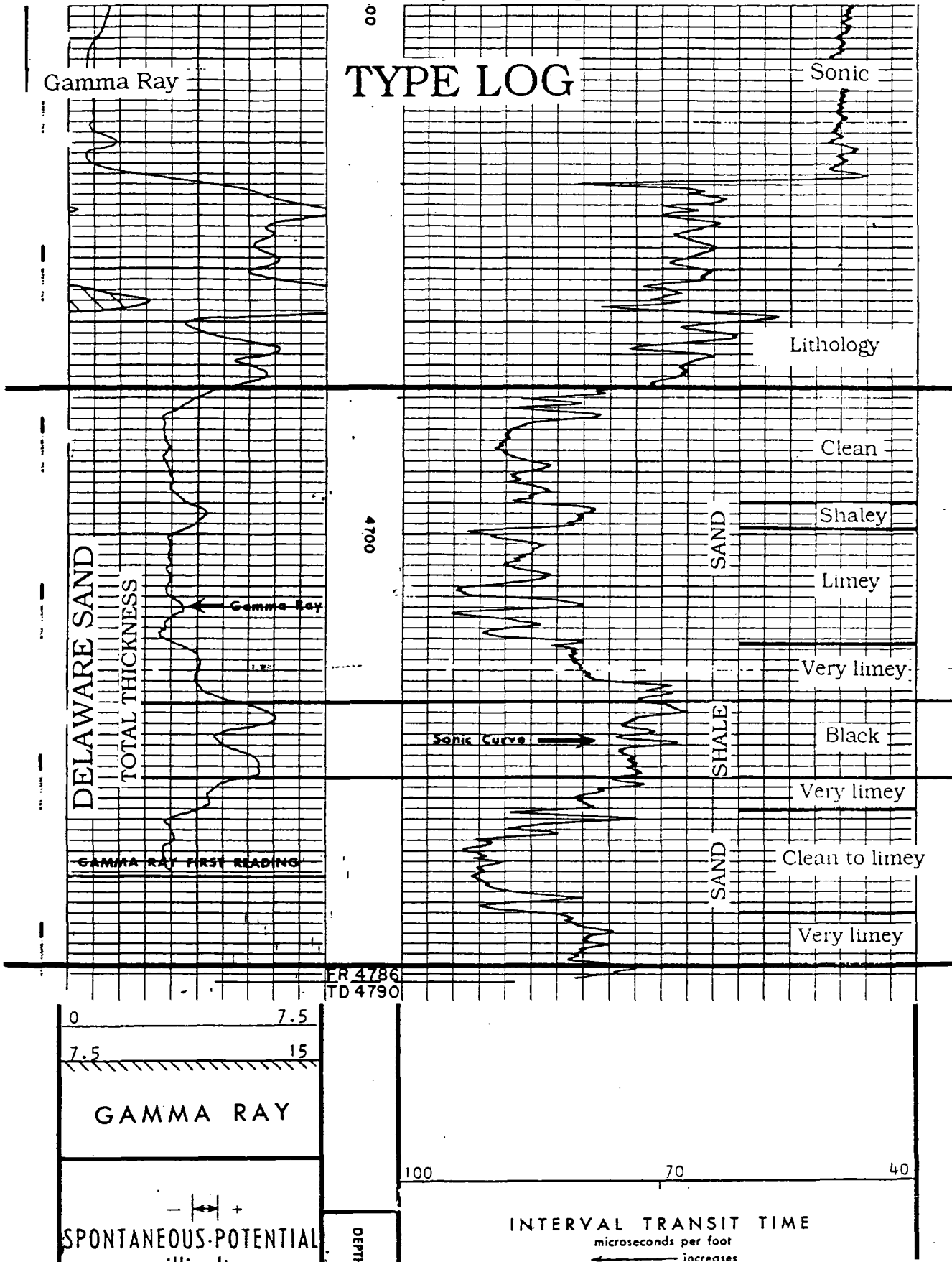
#39 NEMU

(Conoco # 11 Payne Federal)

Section 30N, T26S, R33E

KB 3113'

Gamma Ray - Sonic Log



NEMU UNIT FM

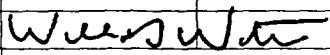
FORM C-108						
VIII GEOLOGIC DATA ON INJECTION ZONE						
NORTH EL MAR UNIT Lea County, New Mexico						
The injection zone for the North El Mar Unit is known as the Delaware Sand unit.						
The unitized Delaware Sand unit is a sand - shale sequence found near the top of the Bell Canyon Formation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

NEMU UNIT FM

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

NEMU UNIT FM

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

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

QUAY VALLEY, INC.

C-108 REQUIREMENT - X

LOGS: ON FILE AT OCD

FILED WITH EACH WELL AT TIME OF COMPLETION.

New Mexico Offset Wells

GEORGE L. BUCKLES COMPANY

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

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

EL: 3119'
GL: KB:

SPUD DATE: COMPLETION: PLUGED 11/59

Drilling comments:

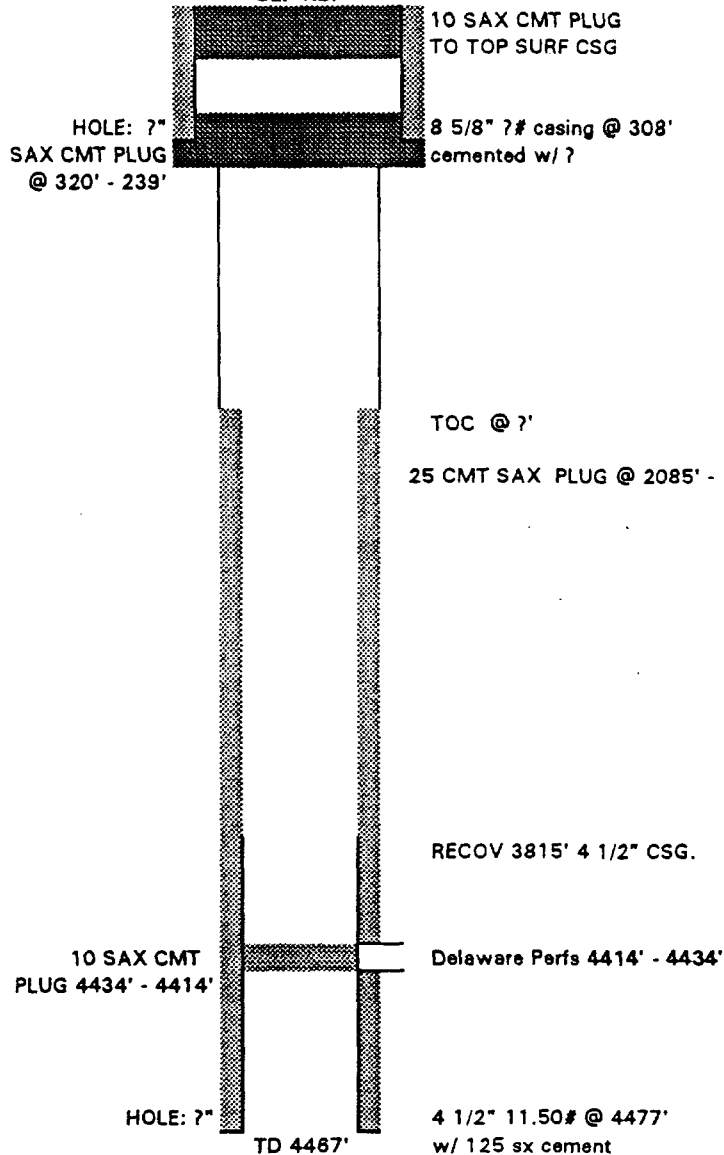
Completion Comments:

RE- ENTERING COMMENCED 3/25/60

RE- ENTERING FINISHED 3/29/60

WELL PLUGGED 10/16/63

No other information available in public records



MORRIS R. ANTWELL

FEDERAL - LITTLEFIELD "DQ" WELL #1

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

660' FSL & 660' FWL

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

SW 1/4 SW 1/4 UNIT M

COUNTY: LEE, STATE: NEW MEXICO

EL: 3146'

GL: KB:

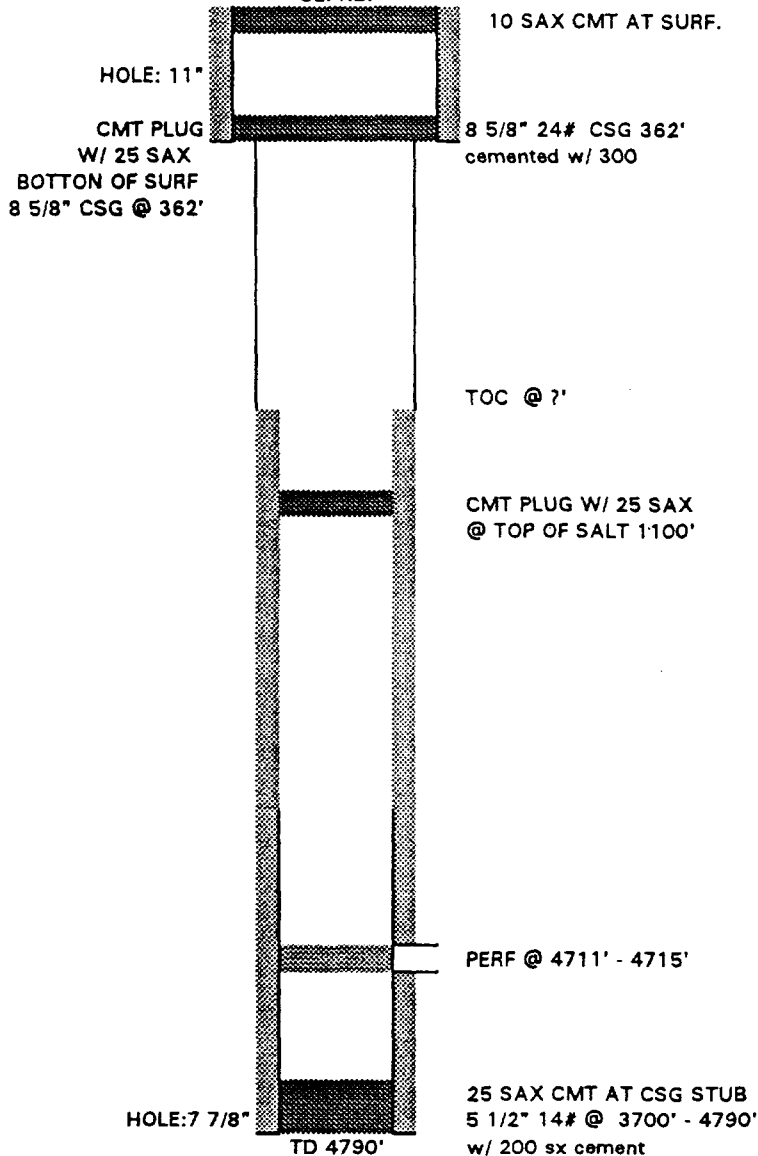
SPUD DATE: 8/15/59 COMPLETION: 8/28/59

Drilling comments:

Completion Comments:

PLUGGED 1/4/62

No other information available in public records



X			

(SUBMIT IN TRIPLICATE)

E. W. STANDLER
DISTRICT ENGINEER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Los Angeles**

Loan No. **035880-A**

Unit **Federal-Littlefield**
"DQ"

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

January 4, 1962

Well No. 1 is located 660 ft. from N line and 660 ft. from E line of sec. 12

SW/4 Sec.19 26S 33E N.H.P.M.
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
El Mar (Delaware) Lea New Mexico
(Field) (County or Subdivision) (State or Territory)

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

DETAILS OF WORK

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

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

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

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

CompanyMorris E. Antwail.....

Address P. O. Box 1058

~~Hobbs, New Mexico~~

By Karlson Vello

Burton Veteto
Agent

Title Station Vehicle Agent

HILL & MEEKER

GULF FEDERAL WELL #2

FORMERLY
(NMOCD # _____, API#)

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

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

Completion Comments:
PLUGGED 8/59
CORE #1 - 4627' TO 4639', RECOVERED 12'
VERY TIGHT SAND. NO SHOW
CORE #2 - 4639' TO 4704', RECOVERED 65'
VERY TIGHT SAND. NO SHOW

No other information available in public records

HOLE: 7"
10 SAX CMT
PLUG @ 365'

10 SAX CMT PLUG SURF &
GROUND LEVEL

8 5/8" 24# casing @ 354'
cemented w/ ?
Circ

15 SAX CMT PLUG @ 665'

TOC @ 7'
25 SAX CMT PLUG @ 1080'

25 SAX CMT PLUG @ 4617'

DRILLED TO A TD OF 4627'

HOLE: 7"
TD 4704'?

? ? # @ 7'
w/ ? sx cement

Duff Federal
#2

HISTORY OF OIL OR GAS WELL

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

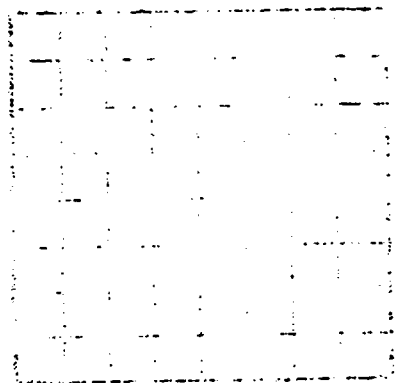
Drilled to a T.D. of 4627'.
Core #1 - 4627 to 4639, recovered 12'; very tight sand. No Shows.
Core #2 - 4639 to 4704, recovered 65'; very tight sand. No shows.
354' - 8 5/8" 24# casing set at 363' - Left in well. Hole full of mud laden material.

Cement Plugs at:

- 10 sks at Surface and Ground level
- 10 sks at 365'
- 15 sks at 665'
- 25 sks at 1080'
- 25 sks at 4617'

GEOLOGICAL TOPS:

- Red beds 85'
- Rustler 665'
- Salado 1080'
- Castile 3138'
- Lamar 4586'
- Delaware Sd. 4617'



FOOT OR OF GE...
RECEIVED
BUREAU OF LAND MANAGEMENT
U.S. DEPARTMENT OF THE INTERIOR
WASHINGTON, D.C.

HILL & MEEKER

GULF FEDERAL WELL #3

FORMERLY

(NMOCD # _____, API#)

1650' FSL & 330' FEL

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

NE 1/4 SE 1/4 UNIT I

COUNTY: LEE, STATE: NEW MEXICO

EL: 3152'

GL: KB:

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

Drilling comments:

Completion Comments:

PLUGGED 3/61

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

LAMINATED SAND

THE TOP 4' HAD SLIGHT SHOWS

No other information available in public records

HOLE: 7"
10 SAX CMT
PLUG @ 360'

10 SAX CMT PLUG SURF &
GROUND LEVEL

cemented w/ ?
Circ

15 SAX CMT PLUG @ 695'

TOC @ 7'
25 SAX CMT PLUG @ 1080'

25 SAX CMT PLUG @ 4710'
TOP OF DELAWARE

DRILLED TO A TD OF 4706'

HOLE: 7"

TD 4767'

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

Form 9-331a
(Feb. 1951)

MAR 16 1961

E. W. STANDLEY
DISTRICT ENGINEEROFFICE COPY
(SUBMIT IN TRIPPLICATE)

UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYBudget Bureau No. 12-R-228
Approval expires 2-11-61
Land Office Las Cruces

Lease No. 065876-A

Unit RE

NOV 3 1959

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

October 31, 1959

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

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

26S

32E

NMPM

Undesignated

Lea

New Mexico

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

DETAILS OF WORK

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

T. D. 4767: - Well drilled to 4706 - Cored 4706 to 4767 - Recovered 61:

laminated sand - The top 4' had slight shows - Prepare to plug & abandon

Plugged as follows:

10 sks at top of surface pipe & ground level

10 sks at 360: bottom of surface casing

15 sks at 695: top of Rustler

25 sks at 1080: bottom of Rustler

25 sks at 4710: Top of Delaware sand.

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

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

Company HILL & MEEKER

Address 519 Midland Savings &

Loan Bldg.

Midland, Texas

By H. Manning
Title Production Clerk

GEORGE L. BUCKLES COMPANY

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

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

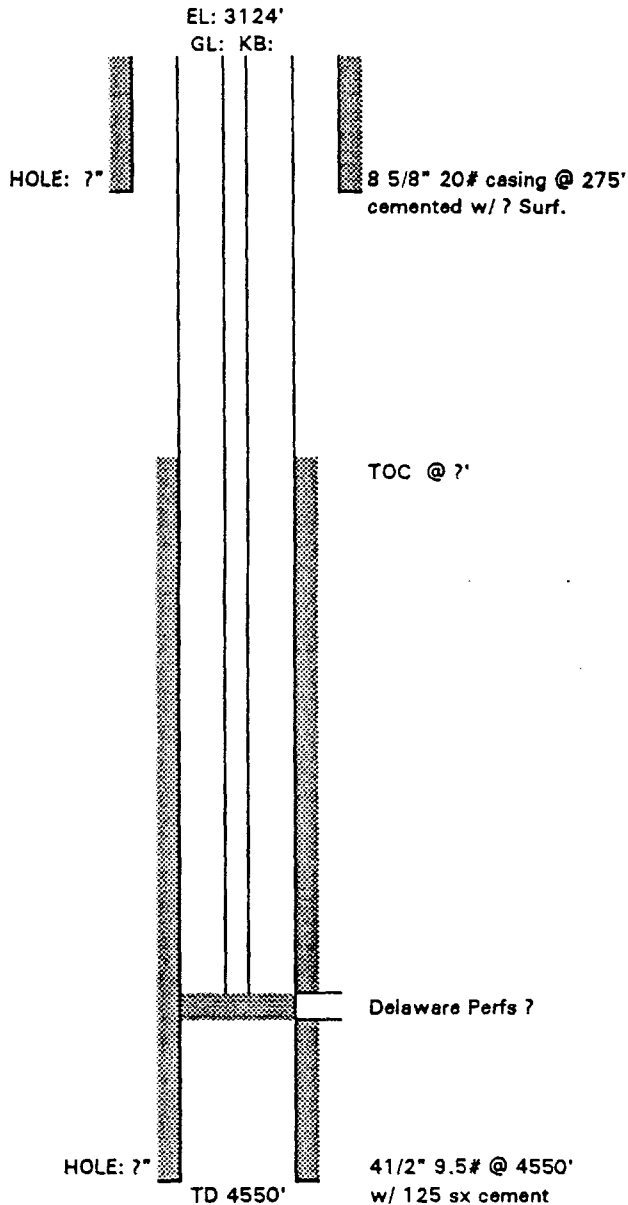
SPUD DATE: 12/15/59 COMPLETION: PLUGGED 12/59

Drilling comments:

Completion Comments:

NO DRILLING OR PLUGGING INFO.

No other information available in public records



APPROVED

DEC 10 1959	
A. E. KLEEMAN	DISTRICT ENGINEER

Y TO O. C. C.

OBBS

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4
Approval expires 12-31-60.

Land Office
OBBS OFFICE 000 LC 071985

Unit
10 32

DEC 10 1959

U. S. GEOLOGICAL SURVEY
OBBS, NEW MEXICO

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

December 9, 1959

Elliott-Federal

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

NE 1/4 SE 1/4 Unit I Sec. 27 26-3 32-3 RPM
(Sec. and Sec. No.) (Twp.) (Range) (Meridian)
El Har-Delaware **Lee** **New Mexico**
(Field) (County or Subdivision) (State or Territory)

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

DETAILS OF WORK

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

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

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

Company George L. Dickles Company
Address P. O. Box 56
Normans, Texas
By Robert M. Orr (Robert M. Orr)
Title Chief Engineer

Texas Offset Wells

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT #1112

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

1000' FNL & 2350' FWL

Section 4, BLK.54, T&P SURVEY

County: LOVING, State: TEXAS

EL: 3088' GR

GL: KB:

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

Drilling comments:

Completion Comments:

Plug back date: 4/11/97

Completed: 4/30/97

Well Type WIW

No other information available in public records

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"

TD 4554'

4 1/2" 11.6 # @ 4554'
w/ 300 sx cement

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Form W-2

Rev. 4/1/83

483-046

Type or print only

ft.

13(A) Exception Data

API No. 42-301-80174

7. RRC District No.

08

8. RRC Lease No.

21246 ✓

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

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

El Mar (Delaware)

2. LEASE NAME

El Mar (Delaware) Unit

9. Well No.

1112 WI ✓

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

Union Royalty, Inc.

RRC Operator No.

876825 ✓

10. County of well site

Loving

4. ADDRESS

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

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

11. Purpose of filling

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

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

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

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

17 mi. S of Mentone, TX

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

WELL NO.

13. Type of electric or other log run

14. Completion or recompletion date

8/30/61

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

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

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

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

WELL TESTER'S CERTIFICATION

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

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

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

T. N. McKnight, Jr.

President

Typed or printed name of operator's representative

Title of Person

915-686-1991

09 / 18 / 89

Telephone: Area Code Number

Date: mo. day year

Signature

SECTION II		DATA ON WELL COMPLETION AND LOG (Not Required on Retest)					
24. Type of Completion: New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>					25. Permit to Drill Plug Back or Deepen DATE 7/19/61 PERM CAS		
26. Notice of Intention to Drill this well was filed in Name of Kern County Land Company					Rule 37 Exception Water Injection Permit Salt Water Disposal Permit Other PERM		
27. Number of producing wells on this lease in this field (reservoir) including this well		28. Total number of acres in this lease 9440					
29. Date Plug Back, Deepening, WorkOver or Drilling Operations:		Commenced	Completed	30. Distance to nearest well, Same Lease & Reservoir			
31. Location of well, relative to nearest lease boundaries of lease on which this well is located			Feet From Line of the	Line and Lease	Feet from		
32. Elevation (IDF, RKB, RT, GR, ETC.) 3088 (GR)			33. Was directional survey made other than inclination (Form W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
34. Top of Pay 4461	35. Total Depth 4554 ✓	36. P. B. Depth 4524	37. Surface Casing Determined by: Field <input checked="" type="checkbox"/> Rules <input type="checkbox"/>	Recommendation of T.D.W.R. Railroad Commission (Special) <input type="checkbox"/> Dt. of Letter			
38. Is well multiple completion? No		39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR			40. Intervals Drilled by: Rotary Tools		
41. Name of Drilling Contractor					42. Is Cementing Affidav Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/>		
43. CASING RECORD (Report All Strings Set in Well)							
CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY cu. ft.
8-5/8	32#	548		225A 50 Neat	12 1/2	Circ	
4-1/2	9.5#	4554 ✓		250A 50 Latex	6-3/4		
44. LINER RECORD							
Size	TOP		Bottom		Sacks Cement		Screen
45. TUBING RECORD				46. Producing Interval (this completion) Indicate depth of perforation or open hole			
Size	Depth Set	Packer Set	From	To			
2-3/8	4257	4257	From 4461	To 4469			
			From	To			
			From	To			
47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
Depth Interval				Amount and Kind of Material Used			
48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)							
Formations	Depth		Formations	Depth			
Delaware	4456						
REMARKS Set PKR @ 4257 W/PC TBG. Install wellhead. Converted to water injection. Well tested for future transfer of allowable (10/18/76).							

Type or print only

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Form W-2

Rev. 4/1/83

483-048

5-9-97

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

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

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

REMARKS: Cleaned out, repaired holes in csg w/sqz jobs, and ran 2 7/8" liner

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

WELL TESTER'S CERTIFICATION

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

Signature: Well Tester

Name of Company

RRC Representative

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

OPERATOR'S CERTIFICATION

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

Donna Williams

Typed or printed name of operator's representative

915-688-6943

Telephone: Area Code Number

Date: 05 / 06 / 97
mo. day year

Regulatory Compliance

Title of Person

Signature

MIDLAND TEXA.

SECTION II				DATA ON WELL COMPLETION AND LOG (Not Required on Resel)			
24. Type of Completion				25. Permit to Drill, Plug Back or, Deepen			
New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>				DATE PERMIT N			
26. Notice of Intention to Drill this well was filed in Name of				Rule 37 CASE N			
				Exception			
				Water Injection PERMIT N			
				Permit 11/30/93 F-1182			
27. Number of producing wells on this lease in this field (reservoir) including this well		28. Total number of acres in this lease		Salt Water Disposal PERMIT N			
		9,440		Permit		Other PERMIT N	
29. Date Plug Back, Deepening, Workover or Drilling Operations:		Commenced Completed		30. Distance to nearest well. Same Lease & Reservoir			
		4/11/97 4/30/97					
31. Location of well, relative to nearest lease boundaries of lease on which this well is located				1000' Feet from North Line and 2350' Feet from West Line of the El Mar/Delaware/Unit Lease			
32. Elevation (DF, RKB, RT, GR, ETC.)				33. Was directional survey made other than inclination (W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
34. Top of Pay 4461'		35. Total Depth 4554'		36. P. B. Depth 4524'		37. Surface Casing Determined by: Field Rules <input type="checkbox"/> Recommendation of T.D.W.R. Railroad Commission (Special) <input type="checkbox"/>	
38. Is well multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No.		GAS ID or OIL LEASE		Oil-O Gas-G WELL	
		FIELD & RESERVOIR					
41. Name of Drilling Contractor Dawson						42. Is Cementing Affidavit Attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
43. CASING RECORD (Report All Strings Set in Well)							
CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.
8 5/8"	32#	548'		275 SXS	12 1/4"	Surf.	
4 1/2"	11.6#	4554'		300 SXS	6 3/4"	1686'	

44. LINER RECORD				
Size	TOP	Bottom	Sacks Cement	Screen
2 7/8"	Surf.	4380'	310 SXS	

45. TUBING RECORD			46. Producing Interval (this completion) Indicate depth of perforation or open hole	
Size	Depth Set	Packer Set	From	To
1.9	4350'	4355'	4461'	4480'
			From	To
			From	To

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Depth Interval	Amount and Kind of Material Used
747'-873'	Sqzd holes w/150 sxs 'C' + 2% CaCl2, Drld out
4380'-Surface	Ran 2 7/8" liner w/310 sxs cmt

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

REMARKS Cleaned out, repaired csq leak, and ran 2 7/8" liner

Operator: Fill in other items.		RAILROAD COMMISSION OF TEXAS Oil and Gas Division		Cementing Report Rev. 4/1/83 483-045	
1. Operator's Name (As shown on Form P-5, Organization Report) BURLINGTON RESOURCES OIL & GAS		2. RRC Operator No. 109338		3. RRC District No. 08	
4. County of Well Site LOVING		5. Field Name (Wildcat or exactly as shown on RRC records) EL MAR (DELAWARE)		6. API No. 42-301-00151	
7. Drilling Permit No.		8. Lease Name EL MAR/DELAWARE/UNIT		9. Rule 37 Case No. 21246	
10. Oil Lease/Gas ID No. 1112		11. Well No.			

CASING CEMENTING DATA:	SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			Single String	Multiple Parallel Strings	LINER	Shoe
12. Cementing Date						
13. *Drilled hole size						
*Est. % wash or hole enlargement						
14. Size of casing (in. O.D.)					2 7/8	

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT #1113

FORMERLY

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

330' FNL & 1263' FEL

Section 4, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL: 3100' DF

GL: KB: 9'

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

Drilling comments:

Completion Comments:

Well Type POW

No other information available in public records

HOLE: 12 1/4"

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

TOC @ 3450'

2 3/8" tubing 4.7# J-55 @ ?'
SN @ 4480'
PUMP: 2" X 1/2" X 12'
RODS: 178 - 3/4"
Delaware Perfs : 4489' - 4476'
4488' - 4500' @ 2JSPF

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

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

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT #1114W

FORMERLY :MERIDIAN OIL INC. EL MAR DELAWARE #1114W

(NMOCD # ____, API# 42-301-00786)

330' FNL & 330' FEL

SEC. 4, BLK 54 SURVEY T & P RR

County: LOVING, STATE: TEXAS

EL: 3098'

GL: KB:

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

Drilling comments:

Completion Comments:

RECOMPLETION DATE 5/14/96

Well Type WIW

No other information available in public records

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"

TD 4586'

4 1/2" 9.5# @ 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

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

SECTION I: POTENTIAL TEST DATA

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

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

REMARKS

Cleaned out, restimulated, and returned to injection.

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

WELL TESTER'S CERTIFICATION

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

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

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

Donna Williams

Typed or printed name of operator's representative

15-688-6943

Telephone: Area Code Number

05 / 16 / 96

Date: mo. day year

Regulatory Compliance

Title of Person

Signature

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

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

24. Type of Completion		25. Permit to Drill, Plug Back or Deepen		DATE	PERMIT NO.
New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>		Rule 37		CASE NO.	
26. Notice of Intention to Drill this well was filed in Name of		Exception		PERMIT NO.	
27. Number of producing wells on this lease in this field (reservoir) including this well		Water Injection Permit		11/30/93	F-1182
28. Total number of acres in this lease		Salt Water Disposal Permit		PERMIT NO.	
29. Date Plug Back, Deepening, Workover or Drilling Operations:		Other		PERMIT NO.	
Commenced	Completed	30. Distance to nearest well. Same Lease & Reservoir			
5/8/96	5/14/96				

31. Location of well, relative to nearest lease boundaries of lease on which this well is located		330' Feet from North		Line and 330' Feet from	
		East		Line of the El Mar/Delaware/Unit	
32. Elevation (DF, RKB, RT, GR, ETC.)		33. Was directional survey made other than inclination (W-12)?			
3098'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

34. Top of Pay	35. Total Depth	36. P. B. Depth	37. Surface Casing Determined by	Field Rules <input type="checkbox"/>	Recommendation of T.D.W.R. Railroad Commission (Special) <input type="checkbox"/>	Dt. of Letter
4490'	4586'	4553'				
38. Is well multiple completion?		39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No.		GAS ID or OIL LEASE	Oil-O Gas-G	WELL
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		FIELD & RESERVOIR				
40. Name of Drilling Contractor		41. Intervals Drilled by:		Rotary Tools	Cable Tools	
Pride						
		42. Is Cementing Affidavit Attached?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

43. CASING RECORD (Report All Strings Set in Well)							
CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.
8 5/8"	32#	433'		150 SXS	12 1/4"	Circ.	Unk.
4 1/2"	9.5#	4586'		150 SXS	6 3/4"	Unk.	Unk.

44. LINER RECORD				
Size	TOP	Bottom	Sacks Cement	Screen

45. TUBING RECORD			46. Producing Interval (this completion) Indicate depth of perforation or open hole	
Size	Depth Set	Packer Set	From	To
2 3/8"	4444'	4444'	4490'	4524'
			From	To
			From	To
			From	To

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Depth Interval	Amount and Kind of Material Used
4490' - 4524'	A w/2000 qls 155 Fercheck HCL acid + 1000 qls gelled brine

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

REMARKS: Cleaned out, restimulated, and returned to injection

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT # 1123

FORMERLY UNK

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

1650' FNL & 990' FEL

Section 4, BLK 54, SURVEY T&P

County: LOVING, STATE: TEXAS

EL:

GL: KB:

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

Drilling comments:

Completion Comments:

Well Type POW

No other information available in public records

HOLE: 11"

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

TOC @ 3485'

2 3/8" @ 4513'

Delaware Perfs @ 4490' - 4520'

PBD @ 4548'

HOLE: 6 3/4"

TD 4572'

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

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Form W-2
Rev. 4/1/83
483-048

Type or print only

3-21-97

API No. 42- 42-301-00785				7. RRC District No. 08	
Oil Well Potential Test, Completion or Recompletion Report, and Log					8. RRC Lease No. 21246
1. FIELD NAME (as per RRC Records or Wildcat) El Mar (Delaware)		2. LEASE NAME El Mar/Delaware/Unit		9. Well No. 1123	
3. OPERATOR'S NAME (Exactly as shown on P-5, Organization Report) Burlington Resources Oil & Gas Company			RRC Operator No. 109338		10. County of well site Loving
4. ADDRESS P.O. Box 51810 Midland, TX 79710-1810					11. Purpose of filing Initial Potential <input type="checkbox"/> Retest <input checked="" type="checkbox"/> Reclass <input type="checkbox"/> Well record only <input checked="" type="checkbox"/> (explain in Remarks)
5. If Operator has changed within the last 60 days, name the former operator					
6a. Location (Section, Block, and Survey) 4 54 T & P		6b. Distance and direction to nearest town in this county. 18 miles northwest of Mentone			
12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no. FIELD & RESERVOIR		GAS ID or OIL LEASE #	Oil - O Gas - G	WELL NO.	
13. Type of electric or other log run			14. Completion or recompletion date 1/22/97		

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

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

REMARKS: Clean out, reacidize, and return to production

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

WELL TESTER'S CERTIFICATION

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

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

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

Donna Williams

Typed or printed name of operator's representative

915-688-6943

Telephone: Area Code Number

Date:

03 / 18 / 97

mo. day year

Regulatory Compliance

Title of Person

Signature

RECEIVED
R.R.C. OF TEXAS
MAR 19 1997
MIDLAND O.G.

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

24. Type of Completion New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>				25. Permit to Drill, Plug Back or, Deepen DATE _____ PERMIT NO. _____ Rule 37 _____ CASE NO. _____ Exception _____ Water Injection _____ PERMIT NO. _____ Permit _____ Salt Water Disposal _____ PERMIT NO. _____ Permit _____ Other _____ PERMIT NO. _____	
26. Notice of Intention to Drill this well was filed in Name of _____				27. Number of producing wells on this lease in this field (reservoir) including this well _____ 28. Total number of acres in this lease <div style="text-align: center; font-size: 1.2em;">9.440</div>	
29. Date Plug Back, Deepening, Workover or Drilling Operations: Commenced 1/13/97 Completed 1/22/97		30. Distance to nearest well. Same Lease & Reservoir _____			

31. Location of well, relative to nearest lease boundaries of lease on which this well is located <div style="display: flex; justify-content: space-between;"> 1650' Feet from North Line and 990' Feet from </div> <div style="display: flex; justify-content: space-between;"> East Line of the E1 Mar/Delaware/Unit Lease </div>		32. Elevation (DF, RKB, RT, GR, ETC.) _____ 33. Was directional survey made other than inclination (W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
--	--	---	--

34. Top of Pay 4490'	35. Total Depth 4572'	36. P. B. Depth 4548'	37. Surface Casing Determined by: Field Rules <input type="checkbox"/> Recommendation of T.D.W.R. Railroad Commission (Special) <input type="checkbox"/>	Dt. of Letter _____		
38. Is well multiple completion? <input type="checkbox"/> Yes <input type="checkbox"/> No		39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. <div style="text-align: center; font-weight: bold;">FIELD & RESERVOIR</div>		40. Intervals Drilled by: <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">Rotary Tools</td> <td style="width:33%;">Cable Tools</td> </tr> </table>	Rotary Tools	Cable Tools
Rotary Tools	Cable Tools					
41. Name of Drilling Contractor Yale E. Key			42. Is Cementing Affidavit Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

43. CASING RECORD (Report All Strings Set in Well)							
CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.
8 5/8"	32#	493'			11"	Surf.	
4 1/2"	9.5#	4572'			6 3/4"	3485'	

44. LINER RECORD				
Size	TOP	Bottom	Sacks Cement	Screen

45. TUBING RECORD			46. Producing Interval (this completion) Indicate depth of perforation or open hole	
Size	Depth Set	Packer Set	From	To
2 3/8"	4513'		4490' - 4520'	
			From	To
			From	To
			From	To

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Depth Interval	Amount and Kind of Material Used
400' - 436'	Sqzed hole in csq w/300 sxs 'C' neat + 4% CaCl2
4490' - 4520'	A w/3000 gls 15% HV-60 + 500# rock salt

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

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

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT #1211

FORMERLY

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

664' FNL & 660' FWL

Section 3, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL: 3085'

GL: KB: 10'

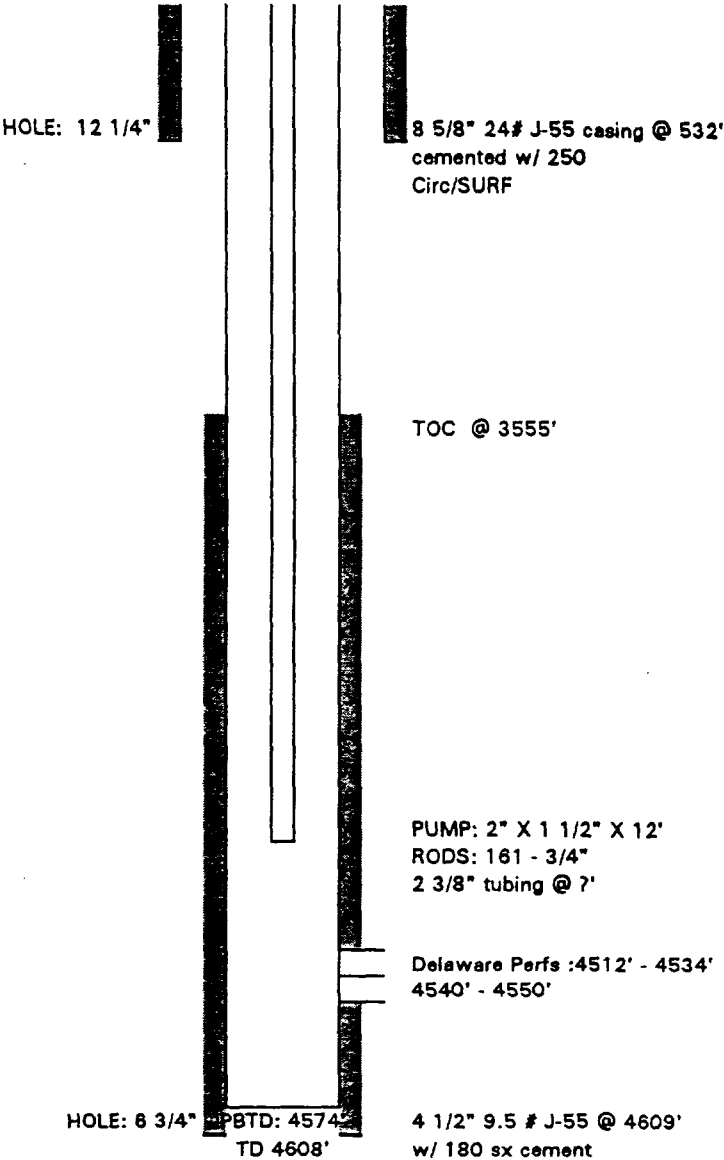
SPUD DATE:10/10/59 COMPLETION: 10/20/59

Drilling comments:

Completion Comments:

Well Type POW

No other information available in public records



BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT # 1212W

FORMERLY UNION ROYALTY, INC, UNIT #1212W

(NMOCD # _____, API# 42-301-00394)

664' FNL & 1980' FWL

Section 3, BLK 54, T & P RR

County: LOVING, STATE: TEXAS

EL:

GL: KB: 10.2'

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

Drilling comments:

Completion Comments:

Well Type WIW

No other information available in public records

HOLE: 12 1/4"

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

TOC @ 3810'

2 3/8" tubing @ 4437'

PACKER @ 4440'

Delaware Perfs @ 4500' - 4650'

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

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

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Form W-2

Rev. 4/1/83

483-046

Type or print only

Exception Dated

Surface Casing

3 14 94

API No. 42-301-00394

7. RRC District No.

08

8. RRC Lease No.

21246

9. Well No.

1212W

10. County of well site

Loving

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

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

El Mar (Delaware)

2. LEASE NAME

El Mar/Delaware/Unit

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

Union Royalty, Inc.

RRC Operator No.

876825

4. ADDRESS

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

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

11. Purpose of filing

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

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

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

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

20 Miles North of Mentone

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

El Mar-(Delaware) Sand

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

WELL NO.

13. Type of electric or other log run

14. Completion or recompletion date

2/7/94

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

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

REMARKS:

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

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

WELL TESTER'S CERTIFICATION

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

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

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

T. N. McKnight, Jr.

Typed or printed name of operator's representative

(914) 686-1991

03 / 04 / 94

Telephone: Area Code Number Date: mo. day year

President

Title of Person

Signature

SECTION II

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

24. Type of Completion: New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>				25. Permit to Drill, Plug Back or Deepen DATE _____ PERMIT NO. _____ Rule 37 _____ CASE NO. _____ Exception _____ Water Injection Permit PERMIT NO. F 1182 Salt Water Disposal Permit PERMIT NO. _____ Other _____ PERMIT NO. _____	
26. Notice of Intention to Drill this well was filed in Name of _____					
27. Number of producing wells on this lease in this field (reservoir) including this well _____		28. Total number of acres in this lease _____			
29. Date Plug Back, Deepening, WorkOver or Drilling Operations: _____		30. Distance to nearest well. Same Lease & Reservoir _____			
31. Location of well, relative to nearest lease boundaries of lease on which this well is located _____					
32. Elevation (DF, RKB, RT, GR, ETC.) _____					
33. Was directional survey made other than Inclination (Form W-12)? <input type="checkbox"/> Yes <input type="checkbox"/> No					
34. Top of Pay _____		35. Total Depth 4665			
36. P. B. Depth _____		37. Surface Casing Determined by: Field Rules <input type="checkbox"/> Recommendation of T.D.W.R. Railroad Commission (Special) <input type="checkbox"/>			
38. Is well multiple completion? <input type="checkbox"/>		39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR _____			
40. Intervals Drilled by: _____		41. Name of Drilling Contractor _____			
42. Is Cementing Affidavit Attached? <input type="checkbox"/> Yes <input type="checkbox"/> No		43. CASING RECORD (Report All Strings Set in Well)			

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

44. LINER RECORD				
Size	TOP	Bottom	Sacks Cement	Screen

45. TUBING RECORD			46. Producing Interval (this completion) indicate depth of perforation or open hole	
Size	Depth Set	Packer Set	From	To
2 3/8	4437	4440	4500	4650

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

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

REMARKS _____

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT #1213

FORMERLY: MERIDIAN OIL INC.

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

664' FNL & 1980' FEL

Section 3, BLK. 54, T & P RR

County: LOVING, STATE: TEXAS

EL:

GL: KB:

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

Drilling comments:

Completion Comments:

Well Type POW

No other information available in public records

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"

TD ' @ 4689'

4 1/2 " 9.5# @ 4689'
w/ 130 sx cement

FL MAR

RAILROAD COMMISSION OF TEXAS
Oil and Gas DivisionForm W-2
Rev. 4/1/83
483-046

Type or print only

API No. 42-301-80188

7. RRC District No.
08

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

8. RRC Lease No.
21246

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

El Mar (Delaware)

2. LEASE NAME

El Mar/Delaware/Unit

9. Well No.
1213

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

Burlington Resources Oil & Gas Company

RRC Operator No.

109338

10. County of well site
Loving

4. ADDRESS

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

11. Purpose of filing

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

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

Meridian Oil Inc. (561132)

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

3 54 T & P RR

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

18 miles northwest of Mentone

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

WELL NO.

13. Type of electric or other log run

14. Completion or recompletion date

7/10/96

SECTION I: POTENTIAL TEST DATA

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

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

REMARKS:

Cleaned out wellbore and returned to production.

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

WELL TESTER'S CERTIFICATION

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

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

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

Anna Williams

Typed or printed name of operator's representative

915-688-6943

Telephone: Area Code Number

08 / 30 / 96

Date: mo. day year

Regulatory Compliance

Title of Person

Signature

SECTION II DATA ON WELL COMPLETION AND LOG (Not Required on Reset)									
24. Type of Completion					25. Permit to Drill, Plug Back or, Deepen				
New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input checked="" type="checkbox"/>					DATE _____ PERMIT NO. _____				
26. Notice of Intention to Drill this well was filed in Name of _____					Rule 37 _____ CASE NO. _____				
					Exception _____				
27. Number of producing wells on this lease in this field (reservoir) including this well _____					Water Injection Permit _____ PERMIT NO. _____				
28. Total number of acres in this lease 9.440					Salt Water Disposal Permit _____ PERMIT NO. _____				
29. Date Plug Back, Deepening, Workover or Drilling Operations: _____					Other _____ PERMIT NO. _____				
Commenced 6/29/96 Completed 7/10/96									
30. Distance to nearest well, Same Lease & Reservoir _____									
31. Location of well, relative to nearest lease boundaries of lease on which this well is located					32. Elevation (DF, RKB, RT, GR, ETC.) _____				
664' Feet from North _____ Line and 1980' Feet from East _____					Line of the El Mar/Delaware/Unit _____				
33. Was directional survey made other than inclination (W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No									
34. Top of Pay 4549'	35. Total Depth 4689'	36. P. B. Depth 4650'	37. Surface Casing Determined by:	Field Rules <input type="checkbox"/>	Recommendation of T.D.W.R. Railroad Commission (Special) <input type="checkbox"/>		Dt. of Letter _____		
38. Is well multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No.			GAS ID or OIL LEASE # _____		Oil-O Gas-G _____		WELL # _____
		FIELD & RESERVOIR _____							
41. Name of Drilling Contractor Pride									42. Is Cementing Affidavit Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
43. CASING RECORD (Report All Strings Set in Well)									
CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.		
3 5/8"	24#	530'		Unk sxs	12 1/4"	Surf.	Unk.		
4 1/2"	9.5#	4689'		Unk sxs	7 7/8"	TOC@3720'	Unk.		
44. LINER RECORD									
Size	TOP		Bottom		Sacks Cement		Screen		
45. TUBING RECORD									
Size	Depth Set		Packer Set		46. Producing Interval (this completion) Indicate depth of perforation or open hole				
2 3/8"	4574'		4453'		From 4549' To 4634'				
					From _____ To _____				
					From _____ To _____				
47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
Depth Interval					Amount and Kind of Material Used				
CIBP@ 4489 w/20' cmt					Drld out to 4650' (PBTD)				
4549' - 4634'					A w/3000 gls 15% HV-60 acid + 1000 gls gel				
brine									
48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)									
Formations	Depth		Formations		Depth				

REMARKS

Cleaned out wellbore and returned to production.

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT # 1214W

FORMERLY UNION ROYALTY, INC

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

664' FNL & 660' FEL

Section 3, BLK. 54, T & P RR

County: LOVING, STATE: TEXAS

EL:

GL: KB:

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

Drilling comments:

Completion Comments:

Well Type TA (INJ)

No other information available in public records

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"

TD 4705'

4 1/2" 9.5# @ 4705'
w/ 130 sx cement

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Form W-2

Rev. 4/1/83

483-046

Type or print only

10(A) Exception Date

F.

3.14.94

API No. 42-310-00388

7. RRC District No.

08

8. RRC Lease No.

21246

9. Well No.

1214W

10. County of well site

Loving

11. Purpose of filling

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

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

1. FIELD NAME (as per RRC Records or Wildcat) El Mar (Delaware)		2. LEASE NAME El Mar/Delaware/Unit	
3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report) Union Royalty, Inc.		RRC Operator No. 876825	
4. ADDRESS 500 W. Texas, Suite 1460, Midland, TX 79701			
5. If Operator has changed within last 60 days, name former operator			
6a. Location (Section, Block, and Survey) Sec. 3, Blk. 54, T&P RR		6b. Distance and direction to nearest town in this county. 20 Miles North of Mentone	
12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no. FIELD & RESERVOIR El Mar (Delaware) Sand		GAS ID or OIL LEASE #	OIL - O Gas - G
		WELL NO.	
13. Type of electric or other log run		14. Completion or recompletion date 2/7/94	

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

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

REMARKS:

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

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

WELL TESTER'S CERTIFICATION

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

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

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

T. N. McKnight, Jr.

Typed or printed name of operator's representative

(915) 686-1991

03/ 04 / 94

Telephone: Area Code Number

Date: mo. day year

President

Title of Person

Signature

SECTION II

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

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

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

44. LINER RECORD				
Size	TOP	Bottom	Sacks Cement	Screen

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

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

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

REMARKS

BURLINGTON RESOURCES

EL MAR DELAWARE UNIT # 1221W

FORMERLY UNION ROYALTY

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

1992' FNL & 660' FWL

Section 3, BLK. 54, T & P RR

County: LOVING , STATE: TEXAS

EL:

GL: KB:

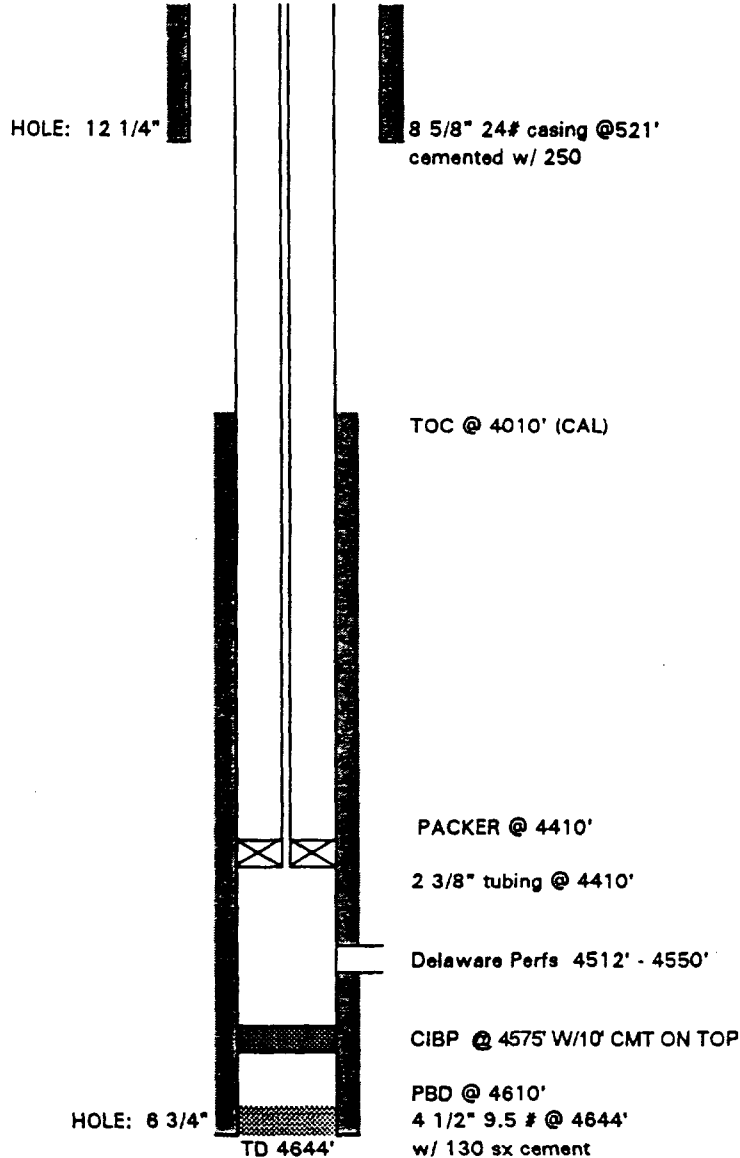
SPUD DATE: 9/1/59 COMPLETION: 9/12/59

Drilling comments:

Completion Comments:

Well Type CIW

No other information available in public records



EL MAR

Type or print only

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Form W-2

Rev. 4/1/83
483-045

API No. 42-301-80,90

7. RRC District No.
08

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

8. RRC Lease No.
21246

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

EL MAR (DELAWARE)

2. LEASE NAME

EL MAR/DELAWARE/UNIT

9. Well No.
1221W3. OPERATOR'S NAME (Exactly as shown on P-5, Organization Report)
MERIDIAN OIL INC.RRC Operator No.
56113210. County of well site
LOVING

4. ADDRESS

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

11. Purpose of filing

Initial Potential ☐Retest ☐Reclass ☐Well record only ☒
(explain in Remarks)5. If Operator has changed within the last 60 days, name the former operator
UNION ROYALTY

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

3 54 T & P RR

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

18 MILES NORTH OF MENTONE

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

WELL NO.

13. Type of electric or other log run

14. Completion or recompletion date
7/28/95

SECTION I: POTENTIAL TEST DATA

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

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

REMARKS

Injection well. Set CIBP above lower perms

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

WELL TESTER'S CERTIFICATION

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

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

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

DONNA WILLIAMS

Typed or printed name of operator's representative

915-688-6943

Telephone: Area Code Number

Date: 08 / 25 / 95
mo. day year

REGULATORY COMPLIANCE

Title of Person

Signature

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

24. Type of Completion New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input checked="" type="checkbox"/>				25. Permit to Drill, Plug Back or Deepen DATE _____ PERMIT NO _____ Rule 37 _____ CASE NO _____ Exception _____ Water Injection Permit _____ PERMIT NO F-1182 Salt Water Disposal Permit _____ PERMIT NO _____ Other _____ PERMIT NO _____	
26. Notice of Intention to Drill this well was filed in Name of TXL Corporation					
27. Number of producing wells on this lease in this field (reservoir) including this well		28. Total number of acres in this lease 9,440			
29. Date Plug Back, Deepening, Workover or Drilling Operations Commenced 7/26/95 Completed 7/28/95		30. Distance to nearest well, Same Lease & Reservoir			

31. Location of well, relating to nearest lease boundaries of lease on which this well is located 1992' Feet from North Line and 660' Feet from West Line of the El Mar/Delaware/Unit Lease	
--	--

32. Extension (D.F., R.K.B., R.F., OR, ETC.)		33. Was directional survey made other than inclination (W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
--	--	--	--

34. Top of Pav. 4512'	35. Total Depth 4644'	36. P. B. Depth 4610'	37. Surface Casing Determined by: Field Rules <input type="checkbox"/> Recommendation of T.D.W.R. Railroad Commission (Special) <input type="checkbox"/>	<input type="checkbox"/> D. of Letter <input type="checkbox"/> D. of Letter
-----------------------	-----------------------	-----------------------	--	--

38. Is well multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR				GAS ID or OIL LEASE # Oil-O Gas-G	WELL #	40. Intervall Drilled or Rotary Tools Cable Tools	41. Name of Drilling Contractor PRIDE	42. Is Cementing Affidavit Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
--	--	--	--	--	--	--------------------------------------	--------	---	--	--

43. CASING RECORD (Report All Strings Set in Well)							
CASING SIZE	WT #/FT	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL cu. ft.
8 5/8"	24#	521'		250 SXS	12 1/4"	Unk.	Unk.
4 1/2"	9.5#	4644'		130 SXS	6 3/4"	4010' (Cal)	Unk.

44. LINER RECORD				
Size	TOP	Bottom	Sacks Cement	Screen

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

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

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

REMARKS Injection well.

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT #1222

FORMERLY MERIDIAN OIL, INC.

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

1992' FNL & 1980' FWL

Section 3, BLK. 54, T&P RR
County: LOVING, STATE: TEXAS

EL: 3073'

GL: KB:

SPUD DATE: 9/13/59 COMPLETION: 9/29/59

Drilling comments:

Completion Comments:

RE- ENTERED PLUGGED WELL 7/23/96

returned to production.

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

LTC 11.6# csg. Tie back on to csg.

Well Type POW

No other information available in public records

HOLE: 12 1/4"

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

TOC @ 3860'

CIBP@ 4471' W/20' CMT

2 3/8" tubing @ 4588'

Delaware Perfs @ 4521' - 4604'

PBD 4609'

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

HOLE: 7 7/8"

TD 4645'

DRLD OUT TO 4609' (PBD)

A W/3000 GLS 15% hv-60 ACID

Type or print only

Oil and Gas Division

API No. 42-301-00391

7. RRC District No.
08

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

8. RRC Lease No.
212469. Well No.
1222

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

El Mar (Delaware)

2. LEASE NAME

El Mar/Delaware/Unit

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

Burlington Resources Oil & Gas Company

RRC Operator No.

109338

10. County of well site

Loving

4. ADDRESS

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

11. Purpose of filing

Initial Potential ☒Retest ☐Reclass ☐Well record only ☒

(explain in Remarks)

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

Meridian Oil Inc. (561132)

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

3 54 T & P RR

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

18 miles northwest of Mentone

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

WELL NO.

13. Type of electric or other log run

14. Completion or recompletion date

7/23/96

SECTION I: POTENTIAL TEST DATA

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

15. Date of test 8/26/96	16. No. of hours tested 24	17. Production method (Flowing, Gas Lift, Jetting, Pumping - Size & Type of pump) 1 1/2" x 24'		18. Choke size
19. Production during Test Period Oil - BBLS 1	Gas - MCF 0	Water - BBLS 125	Gas - Oil Ratio N/A	Flowing Tubing Pressure 100 PSI
20. Calculated 24-Hour Rate Oil - BBLS	Gas - MCF	Water - BBLS	Oil Gravity - API - 60° 40.1	Casing Pressure 70 50 PSI
Was swab used during this test? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		22. Oil produced prior to test (New & Reworked wells) None		23. Injection Gas-Oil Ratio

REMARKS:

Re-entered plugged well. Returned to production.

RECEIVED
R.R.C. OF TEXAS

OCT 25 1996

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

WELL TESTER'S CERTIFICATION

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

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

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

Donna Williams

Typed or printed name of operator's representative

915-688-6943

Telephone: Area Code Number

Date:

08 / 30 / 96

mo. day year

Regulatory Compliance

Title of Person

Signature

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

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT # 1223W

FORMERLY UNION ROYALTY, INC.

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

1992' FNL & 1980' FEL

Section 3, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL:

GL: KB:

SPUD DATE: 9/27/59

COMPLETION: 10/7/59

Drilling comments:

Completion Comments:

Well Type CIW

No other information available in public records

HOLE: 12 1/4"

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

TOC @ 3855'

CIBP @ 4510' W/20' CEMENT ON TOP
(2/7/86)
Delaware Perfs @ 4510' - 4634'

HOLE: 6 3/4"

TD 4685'

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

06/03/85

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Disposal/Injection Well
Pressure Test Report

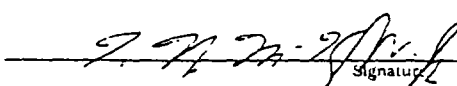
UIC CONTROL NO.

Type

FOR RRC USE ONLY

7-24-90
READ INSTRUCTIONS ON BACK

PLEASE TYPE OR PRINT

1. OPERATOR'S NAME UNION ROYALTY, INC.				2. RRC OPERATOR NO. 876825			
3. ADDRESS 500 W. TEXAS SUITE 1460 MIDLAND, TEXAS 79701				4. RRC DISTRICT NO. 8			
6. FIELD NAME (Exactly as shown on proration schedule) EL MAR (DELAWARE)				7. FIELD NO. MIDLAND TEXAS 28019500		5. COUNTY LOVING	
9. LEASE NAME EL MAR/DELAWARE/UNIT				10a. OIL LEASE NO. 21246		8. API NO. 42-301-00392	
				10b. GAS ID NO.		11. WELL NO. 1223W	
12. REASON FOR TEST <input type="checkbox"/> Initial Test Prior to Injection <input type="checkbox"/> After Workover <input type="checkbox"/> Annual Test Required By Permit <input type="checkbox"/> Five-Year Test Required By Rule <input checked="" type="checkbox"/> Other (Specify) <u>WELL IS T/A WITH</u> <u>CIBP ABOVE INJECTION INTERVAL</u> <u>@ 4510 W/20' CEMENT ON TOP.</u>				13. DATE OF TEST NONE		14. RETEST? <input type="checkbox"/> YES <input type="checkbox"/> NO If YES, see Instruction No. 5	
				15. WELL COMPLETION			
				size depth set			
				Surface Casing 8 5/8 538			
				Long String Casing 4 1/2 4685			
				Tubing NONE			
				16a. PACKER MAKE AND MODEL NONE		16b. DEPTH SET N/A	
				17. AUTHORIZED INJECTION PRESSURE (PSIG): <u>N/A</u>			
18a. PERMITTED INJECTION INTERVAL Top 4453 Bottom 4588				18b. COMPLETED INJECTION INTERVAL Top 4553 Bottom 4634			
19. TEST PRESSURE (PSIG) [see Instructions 4(c) and 4(d)]							
TIME	TUBING	CASING	SURFACE CSG.	TIME	TUBING	CASING	SURFACE CSG.
Initial	N/A						
15 min.							
30 min.							
20. CHARACTERISTICS OF INJECTION FLUID [see Instruction 4(e)] N/A				21. CHARACTERISTICS OF ANNULUS FLUID [see Instructions 4 (e) and 4(f)] N/A			
22. TEST WITNESSED BY RRC? <input type="checkbox"/> YES <input type="checkbox"/> NO If NO, see Instruction 4(a) If YES, Name of RRC Representative <u>N/A</u>				23. WERE OTHER TESTS/SURVEYS PERFORMED AT THIS TIME? <input type="checkbox"/> YES <input type="checkbox"/> NO. If YES, List: <u>N/A</u>			
24. OPERATOR COMMENTS ON TEST (attach separate sheet if necessary) <u>THIS WELL WAS T/A BY TEXACO INC. ON FEBRUARY 7, 1986. SEE ATTACHED W-15</u>							
25. WELL STATUS: <input type="checkbox"/> Active <input checked="" type="checkbox"/> Temporarily Abandoned <input type="checkbox"/> Other (Specify) _____							
<p>CERTIFICATE:</p> <p>I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated herein are true, correct, and complete, to the best of my knowledge.</p> <p style="text-align: right;">  <u>T. N. MCKNIGHT, JR.</u> <u>PRESIDENT</u> Name of Person (type or print) Title </p> <p> Telephone No. <u>(915) 686-1991</u> Date <u>6-29-90</u> </p>							

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

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

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

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

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

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

Allen James, Dist. Mgr. CRC Wireline, Inc. Allen James
 Name and title of cementer's representative Cementing Company Signature
2401 Catlin Odessa, Texas 79764 915 362-6351 2-7-86
 Address City, State, Zip Code Tel.: Area Code Number Date: mo. day yr.

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

 Typed or printed name of operator's representative Title Signature

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

Instructions to Form W-15, Cementing Report

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

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

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

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

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

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

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

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

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

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

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT # 1224

FORMERLY MERIDIAN OIL, INC.

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

1992' FNL & 660' FEL

Section 3, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL:

GL: KB:

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

Drilling comments:

Completion Comments:

Well Type POW

No other information available in public records

HOLE: 12 1/4"

8 5/8" 24# casing @ 538'
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'

HOLE: 7 7/8"

TD 4695'

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

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

Type or print only

API No. 42-301-80193

7. RRC District No.
08

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

8. RRC Lease No.
21246

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

El Mar (Delaware)

2. LEASE NAME

El Mar/Delaware/Unit

9. Well No.
1224

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

Burlington Resources Oil & Gas Company

RRC Operator No.

109338

10. County of well site
Loving

4. ADDRESS

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

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

Meridian Oil Inc. (561132)

11. Purpose of filing

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

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

3 54 T & P RR

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

18 miles northwest of Mentone

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

WELL NO.

13. Type of electric or other log run

14. Completion or recompletion date
7/12/96

SECTION I: POTENTIAL TEST DATA

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

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

REMARKS:

Cleaned out wellbore and returned to production.

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

WELL TESTER'S CERTIFICATION

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

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

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

Donna Williams

Regulatory Compliance

Typed or printed name of operator's representative

Title of Person

15-688-6943

08 / 30 / 96

Telephone: Area Code Number

Date: mo. day year

Signature

SECTION II

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

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

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

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

44. LINER RECORD

Size	TOP	Bottom	Sacks Cement	Screen

45. TUBING RECORD			46. Producing Interval (this completion) Indicate depth of perforation or open hole	
Size	Depth Set	Packer Set	From	To
2 3/8"	4555'	4555'	From 4562'	To 4648'
			From	To
			From	To

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

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

REMARKS

Cleaned out wellbore and returned to production.

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT #1311

FORMERLY

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

660' FNL & 660' FWL

Section 2, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL: 3097' DF

GL: KB:10'

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

Drilling comments:

Completion Comments:

TA: 8/27/82

Well Type TA

No other information available in public records

HOLE: 11"

7 5/8" 26.4# J-55 casing @ 477'
cemented w/ 750
Circ/ SURF

TOC @ 3839' CALC

PLUG @ 4538'

Delaware Perfs: 4588' - 4611'
4615' - 4630' @ 2JSPF

OLDS PERFS:
4664' - 4684' @ 2JSPF

HOLE: 6 3/4" PBTD:4712'
TD 4724'

2 7/8" 6.5# J-55@ 7'
w/ 150 sx cement

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT # 1312W

FORMERLY UNION ROYALTY, INC.

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

660' FNL & 1650' FWL

Section 2, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL:

GL: KB:

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

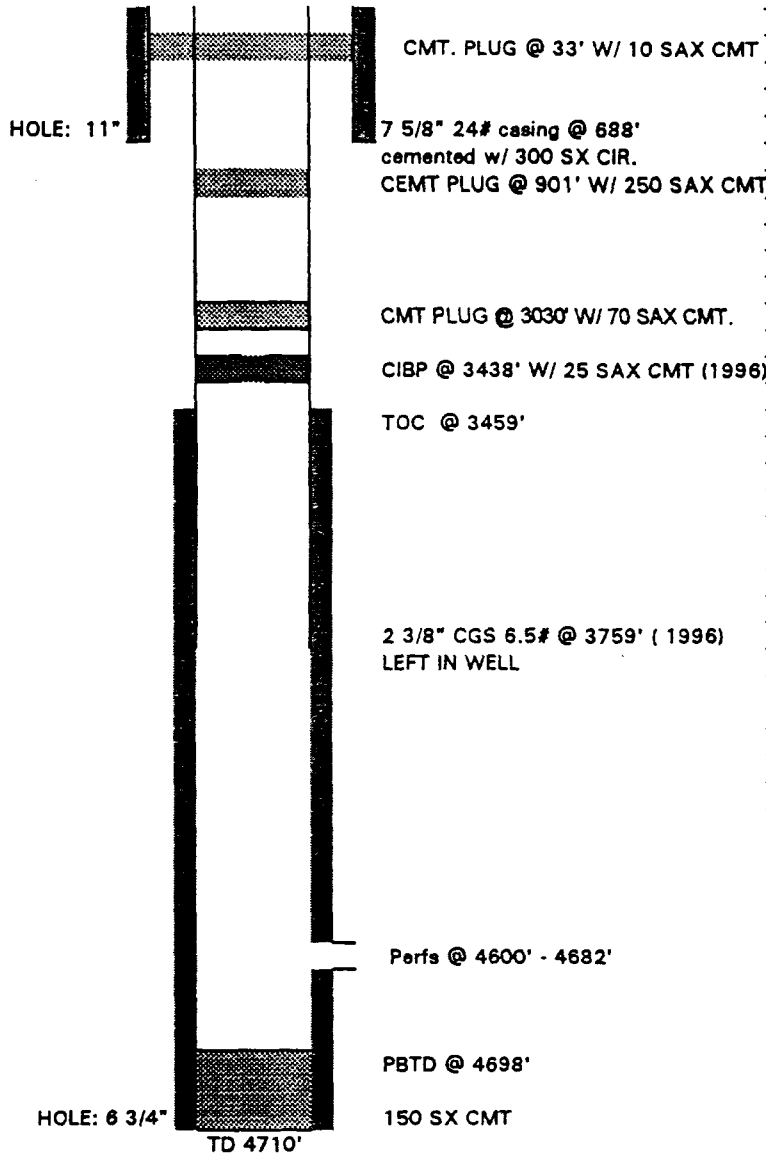
Drilling comments:

Completion Comments:

PLUGED IN 11/29/96

Well Type P&A'D (PROD)

No other information available in public records



RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Form W-2

Rev. 4/1/83

483-046

or print only

Date of Exception Dated

Surface Casing

API No. 42- 301-00855

7. RRC District No.

08

8. RRC Lease No.

21246

9. Well No.

1312W

10. County of well site

Loving

11. Purpose of filing

Initial Potential ☐Retest ☐Reclass ☒Well record only ☒

(explain in Remarks)

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

1. FIELD NAME (as per RRC Records or Wildcat) El Mar (Delaware)		2. LEASE NAME El Mar/Delaware/Unit	
3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report) Union Royalty, Inc.		RRC Operator No. 876825	
4. ADDRESS 500 W. Texas, Suite 1460, Midland, TX 79701			
5. If Operator has changed within last 60 days, name former operator			
6a. Location (Section, Block, and Survey)		6b. Distance and direction to nearest town in this county.	
12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no. FIELD & RESERVOIR El Mar (Delaware) Sand		GAS ID or OIL LEASE #	Oil - O Gas - G
		WELL NO.	
13. Type of electric or other log run		14. Completion or recompletion date 2/7/94	

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

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

REMARKS:

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

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

WELL TESTER'S CERTIFICATION

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

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

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

T. N. McKnight, Jr.

President

Typed or printed name of operator's representative

Title of Person

(915) 686-1991

03/04/94

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SECTION II DATA ON WELL COMPLETION AND LOG (Not Required on Retest)										
24. Type of Completion:					25. Permit to Drill, Plug Back or Deepen					
New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>					DATE _____ PERMIT NO. _____ Rule 37 _____ CASE NO. _____ Exception _____ Water Injection _____ PERMIT NO. _____ Permit _____ F 1182 Salt Water Disposal _____ PERMIT NO. _____ Permit _____ Other _____ PERMIT NO. _____					
26. Notice of Intention to Drill this well was filed in Name of _____										
27. Number of producing wells on this lease in this field (reservoir) including this well			28. Total number of acres in this lease							
29. Date Plug Back, Deepening, WorkOver or Drilling Operations:			Commenced	Completed	30. Distance to nearest well. Same Lease & Reservoir					
31. Location of well, relative to nearest lease boundaries of lease on which this well is located					Feet From _____ Line and _____ Feet from _____ Line of the _____ Lease					
32. Elevation (D.F., R.K.B., RT., GR., ETC.)					33. Was directional survey made other than Inclination (Form W-12)? <input type="checkbox"/> Yes <input type="checkbox"/> No					
34. Top of Pay	35. Total Depth	36. P. B. Depth	37. Surface Casing Determined by: Field <input type="checkbox"/> Rules <input type="checkbox"/>		Recommendation of T.D.W.R. Railroad Commission (Special) <input type="checkbox"/>		Dt. of Letter _____			
	4709						Dt. of Letter _____			
38. Is well multiple completion?		39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No.				40. Intervals Drilled by: Rotary Tools Cable Tools				
		FIELD & RESERVOIR				GAS ID or OIL LEASE #				
						Oil-O Gas-G				
						WELL #				
41. Name of Drilling Contractor						42. Is Cementing Affidavit Attached? <input type="checkbox"/> Yes <input type="checkbox"/> No				
43. CASING RECORD (Report All Strings Set in Well)										
CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL cu. ft.			
7 5/8	24#	688		Unknown 300	11	Surf.	Unknown			
2 7/8	6.5#	4709		Unknown 150	6 3/4	3459	Unknown			
44. LINER RECORD										
Size	TOP		Bottom		Sacks Cement		Screen			
5. TUBING RECORD										
Size	Depth Set	Packer Set	46. Producing Interval (this completion) Indicate depth of perforation or open hole							
1 1/2	3940	3943	From	4544	To	4694				
			From		To					
			From		To					
			From		To					
7. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.										
Depth Interval					Amount and Kind of Material Used					
9. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)										
Formations	Depth		Formations	Depth						
MARKS _____										

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

1 RRC District

08

4 RRC Lease or Id.
Number
21246 ✓FILE IN DUPLICATE WITH DISTRICT OFFICE OF DISTRICT IN WHICH
WELL IS LOCATED WITHIN THIRTY DAYS AFTER PLUGGING

2. FIELD NAME (as per RRC Records) El Mar (Delaware) ✓		3. Lease Name El Mar/Delaware/Unit ✓		5. Well Number 1312W ✓	
6. OPERATOR Burlington Resources Oil & Gas Company ✓		9a. Original Form W-1 Filed in Name of		10. County Loving ✓	
7. ADDRESS P.O. Box 51810 Midland, Texas 79710-1810		9b. Any Subsequent W-1's Filed in Name of		11. Date Drilling Permit Issued	
8. Location of Well, Relative to Nearest Lease Boundaries of Lease on which this Well is Located		660' Feet From North Line and 1650' Feet From West Line of the El Mar/Delaware/Unit Lease		12. Permit Number letter	
9a. SECTION, BLOCK, AND SURVEY Sec. 2, Blk 54, T-1, T & P Survey		9b. Distance and Direction From Nearest Town in this County 18 miles northwest of Mentone, Tx		13. Date Drilling Commenced 3/29/99 ✓	
16. Type Well (Oil, Gas, Dty) injection	Total Depth 4710'	17. If Multiple Completion List All Field Names and Oil Lease or Gas ID No.'s GAS ID or OIL LEASE #		14. Date Drilling Completed 4/13/99	15. Date Well Plugged 11/29/96 ✓
18. If Gas, Amt. of Cond. on Hand at time of Plugging					

CEMENTING TO PLUG AND ABANDON DATA:

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

28. CASING AND TUBING RECORD AFTER PLUGGING				29. Was any Non-Drillable Material (Other than Casing) Left in This Well <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
SIZE	WT. #/FT.	PUT IN WELL (ft.)	LEFT IN WELL (ft.)	HOLE SIZE (in.)	29a. (If answer to above is "Yes" state depth to top of "junk" left in well and briefly describe non-drillable material. Use Reverse Side of Form if more space is needed.)
7 5/8"	24	688' ✓	688' ✓	Unk.	
2 7/8"	6.5	4709' ✓	3759' ✓	6 3/4"	

30. LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS					
FROM	4600'	TO	4682'	FROM	TO
FROM		TO		FROM	TO
FROM		TO		FROM	TO
FROM		TO		FROM	TO
FROM		TO		FROM	TO

I have knowledge that the cementing operations, as reflected by the information found on this form, were performed as indicated by such information as was furnished to me by the Cementing Company.

* Designates items to be completed by Cementing Company. Items not so designated shall be completed by Operator.

Signature of Cementer or Authorized Representative: Karin Carothers

Name of Cementing Company: Halliburton Energy Services

DEC 13 1996

O.G. MIDLAND, TEX.

CERTIFICATE

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

Signature of Representative of Company: Donna Williams

Signature of Representative of Railroad Commission: Donna Williams

Regulatory TITLE

RECEIVED R.R.C. OF TEXAS DEC 18 1996

Phone 915-688-6943

A/C NUMBER

O.G. MIDLAND, TEXAS

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT # 1313

FORMERLY

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

660' FNL & 2310' FEL

Section 2, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL: 3086' GR

3095' DF

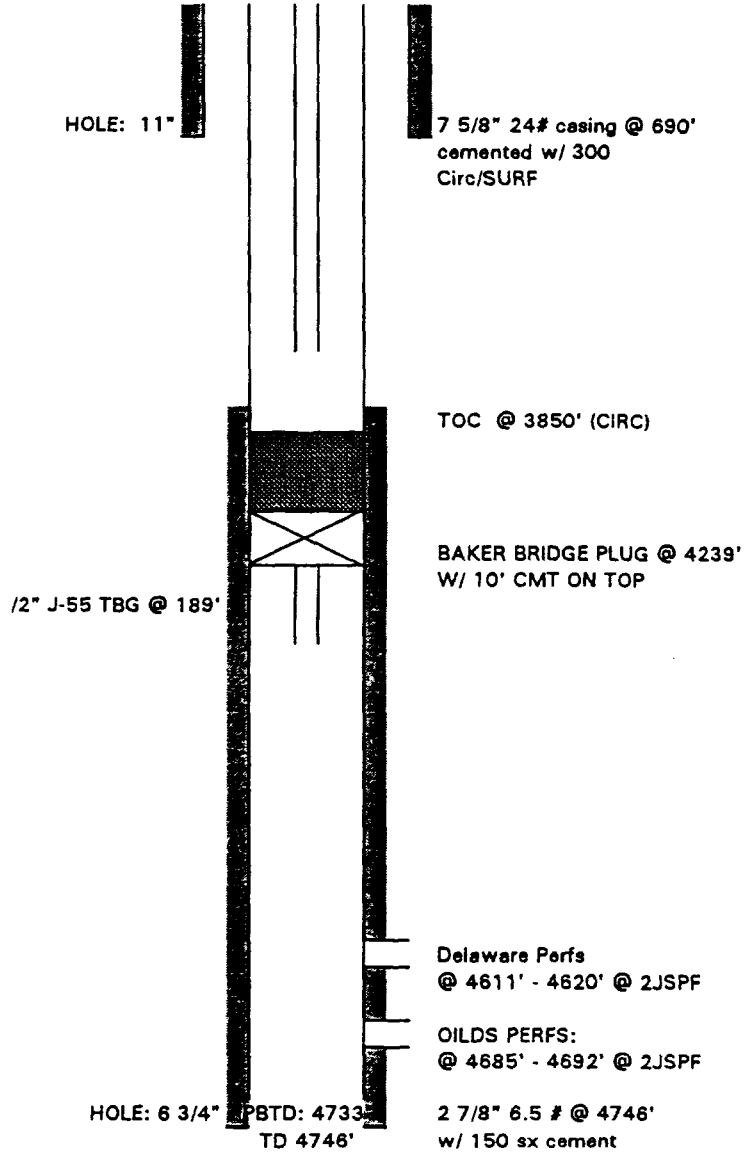
SPUD DATE: 5/6/60 COMPLETION: 5/20/60

Drilling comments:

Completion Comments:

Well Type POW

No other information available in public records



BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT # 1314W

FORMERLY UNION ROYALTY, INC.

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

FL & ' FL

Section 2, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL:

GL: KB:

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

Drilling comments:

Completion Comments:

Well Type WIW

No other information available in public records

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"

TD 4664'

2 7/8" 6.5# @ 4649'
w/ 250 sx cement

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Type or print only

Form W-2

Rev. 4/1/83

483-046

Surface Coring

Fe.

2-17-94

API No. 42-301-00860

7. RRC District No.

08

Oil Well Potential Test Completion or Recompletion Report, and Log

8. RRC Lease No.

21246

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

El Mar (Delaware)

2. LEASE NAME

El Mar/Delaware/Unit

9. Well No.

1314W

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

Union Royalty, Inc.

RRC Operator No.

876825

10. County of well site

Loving

4. ADDRESS

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

11. Purpose of filing

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

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

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

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

20 Miles North of Mentone

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

WELL NO.

13. Type of electric or other log run

14. Completion or recompletion date

2/7/94

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

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

REMARKS:

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

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

WELL TESTER'S CERTIFICATION

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

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

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

T. N. McKnight, Jr.

Typed or printed name of operator's representative

(915) 686-1991

Telephone: Area Code Number

Date: 03 / 04 / 94

mo. day year

President

Title of Person

Signature

24. Type of Completion: New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>				25. Permit to Drill, Plug Back or Deepen DATE _____ PERMIT NO. _____ Rule 37 _____ CASE NO. _____ Exception _____ Water Injection _____ PERMIT NO. _____ Permit _____ F 1182 Salt Water Disposal _____ PERMIT NO. _____ Other _____ PERMIT NO. _____	
26. Notice of Intention to Drill this well was filed in Name of _____					
27. Number of producing wells on this lease in this field (reservoir) including this well _____		28. Total number of acres in this lease _____			
29. Date Plug Back, Deepening, WorkOver or Drilling Operations: _____		30. Distance to nearest well, Same Lease & Reservoir _____			

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

32. Elevation (DF, RKB, RT, GR, ETC.) _____		33. Was directional survey made other than inclination (Form W-12)? <input type="checkbox"/> Yes <input type="checkbox"/> No	
---	--	--	--

34. Top of Pay _____	35. Total Depth 4664	36. P. B. Depth _____	37. Surface Casing Determined by: Field <input type="checkbox"/> Rules <input type="checkbox"/> Recommendation of T.D.W.R. <input type="checkbox"/> Railroad Commission (Special) <input type="checkbox"/>		Dt. of Letter _____ Dt. of Letter _____
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38. Is well multiple completion? _____		39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR _____				40. Intervals Drilled by: _____ Rotary Tools _____ Cable Tools _____		
--	--	--	--	--	--	---	--	--

41. Name of Drilling Contractor _____					42. Is Cementing Affidavit Attached? <input type="checkbox"/> Yes <input type="checkbox"/> No		
---------------------------------------	--	--	--	--	---	--	--

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

44. LINER RECORD				
Size	TOP	Bottom	Sacks Cement	Screen

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

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

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

REMARKS _____

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT #1321W

FORMERLY UNION ROYALTY, INC.

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

1980' FNL & 660' FEL

Section 2, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL:

GL: KB:

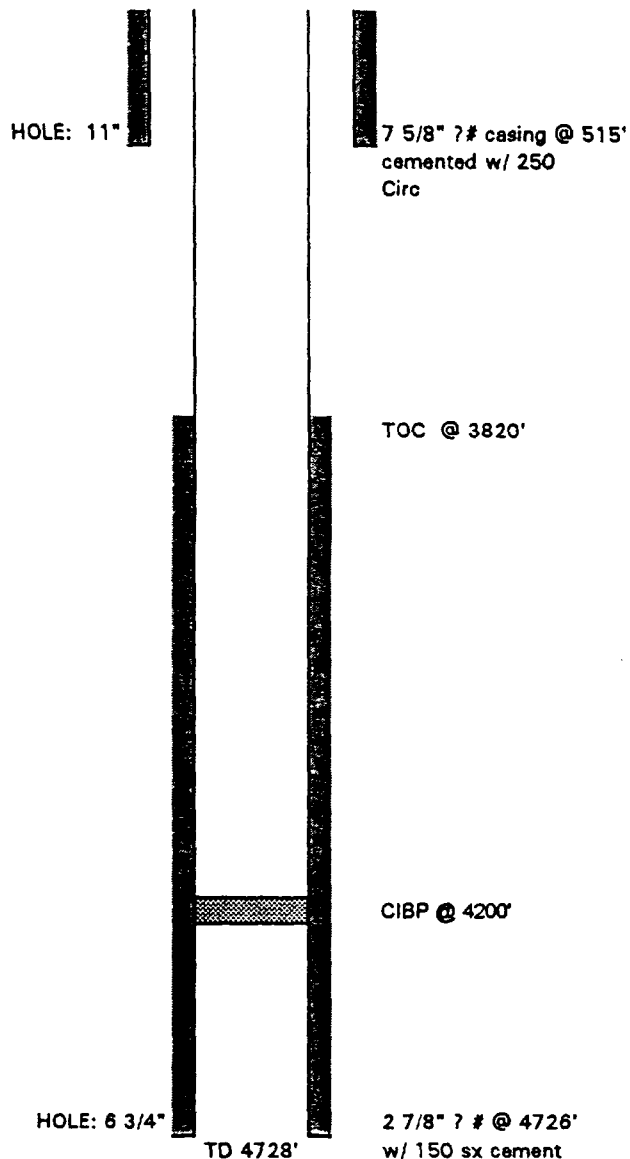
SPUD DATE: 12/9/59 COMPLETION: 12/25/59

Drilling comments:

Completion Comments:

Well Type WIW

No other information available in public records



BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT #1322

FORMERLY

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

1980' FNL & 1650' FWL

Section 2, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL: 3080'

GL: KB:11'

SPUD DATE:3/19/80 COMPLETION:4/18/80

Drilling comments:

Completion Comments:

Well Type P&A'D(PROD)

No other information available in public records

HOLE: 11"

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

TOC @ 3810'(CALC)

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

OLDS PERFS:
4648' 4654' 4660'

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

2 7/8" 6.5# J-55 @ 4710'
w/ 150 sx cement

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT # 1323

FORMERLY UNION ROYALTY, INC.

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

1980' FNL & 2310' FEL

Section 2, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL:

GL: KB:

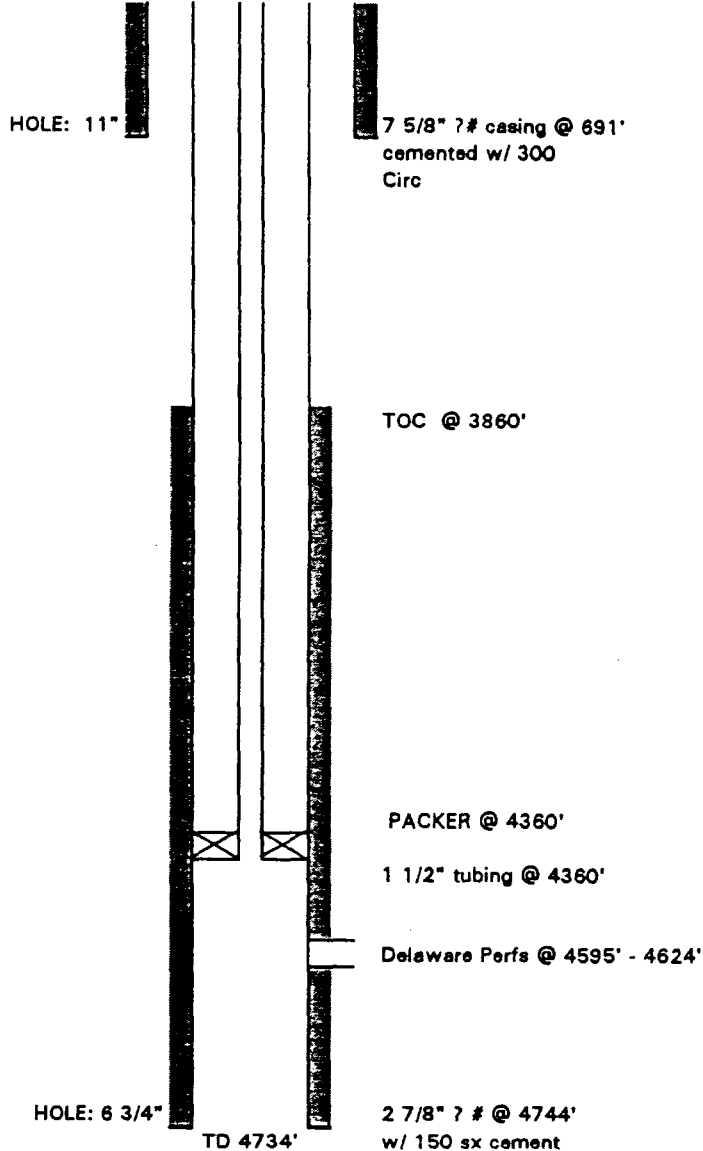
SPUD DATE: 4/26/60 COMPLETION: 5/11/60

Drilling comments:

Completion Comments:

Well Type P&A'D (INJ.)

No other information available in public records



BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT #1324

FORMERLY

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

1320' FNL & 1650' FEL

Section 2, BLK. 54, T&P RR

County: LOVING, STATE: TEXAS

EL: 3081'

DF: 3090'

GL: KB:

SPUD DATE: 4/9/62

COMPLETION: 4/25/62

P&A 9/16/86

Well Type P&A'D (PROD)

No other information available
in public records

CMT PLUG @ 25' - SURF
STEEL PLATE AT SURF

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

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

CMT PLUG @ 1400' - 1577'

TOC @ 3140' (CALC)

CIBP @ 4473'
20' CMT ON TOP

Delaware Perfs: 4608' - 4633'

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

2 7/8" 8.5# @ 4650' CUT AT 1577'
w/ 200 sx cement

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

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

Elliott Industries
Box 1355
Roswell, NM 88202

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

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

Charles and Iris Miller
1600 Broadway
Denver, CO 80201

Chevron USA, Inc.
Box 1635
Houston, TX 77251

John F. McNaughton
1600 Broadway
Denver, CO 80201

J. M. Zachary
1600 Broadway
Denver, CO 80201

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

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

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

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

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

July 11, 1997

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

Attention: Tommie Carrell

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

Dear Ms. Carrell:

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

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

Yours very truly,

QUAY VALLEY, INC.

Johnnye L. Nance
Associate Landman

JLN:sf

Enclosure

July 11, 1997

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

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

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

Publisher

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

of 1

weeks.

Beginning with the issue dated

July 15 1997

and ending with the issue dated

July 15 1997

Kathi Bearden by JH

Publisher

Sworn and subscribed to before

me this 15th day of

July 1997

Jodi Benson

Notary Public.

My Commision expires
October 18, 2000
(Seal)

LEGAL NOTICE

July 15, 1997

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

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

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