QUAY VALLEY, INC.

Bobby Gray/Gray Pumping

JULY, 1996

915/943-4397

NEMU #56

	~	
Status	(TA)	Formerly: Payne #9
County & State	Lea County, Nev	w Mexico
Spud Date:	04/20/1960	
Completion	04/29/1960	
Total Depth	4,738' PBTD (D , 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	4"
Tubing Size	2 3/8" @ 4,583'	
Perforations	4635' - 4640' w/covered by CIBI	4 SPF, 4639' has 8 holes, (4716' - 22' P)
Packer Size & Type		
Bridge Plug, If one	Arrow "PDQ" CI	BP @ 4,585'
	Also CIBP @ 4,	675'

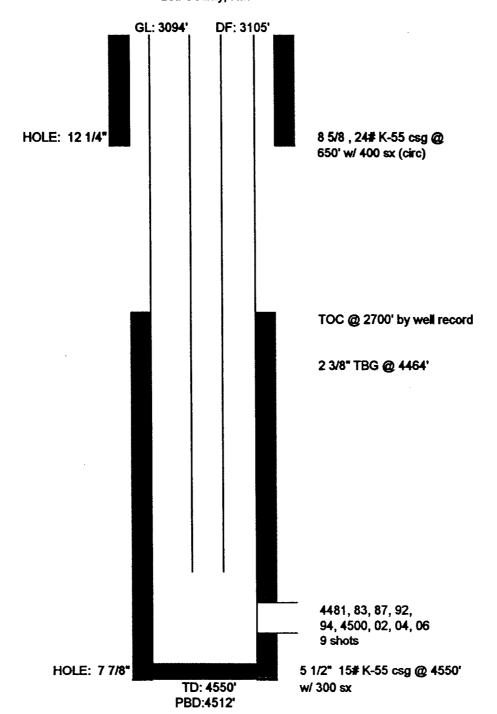
NEMU #56 Added "Covered by CIBP" to perf

Quay Valley, INC

North El Mar Unit #59

(AP# 30-025-253890)

600' FSL & 900' FWL Spud Date: 12/13/76 Completion: 1/22/77
Section 35, Township 26 South, Range 32 East
Lea County, NM



QUAY VALLEY, INC. JULY, 1996

Bobby Gray/Gray Pumping 915/943-4397

NEMU #59

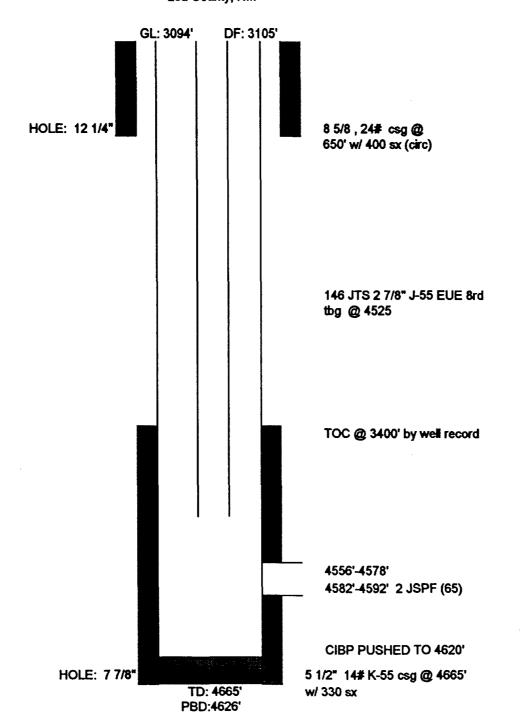
	HEMO	700
Status	(POW)	
County & State	Lea County, New Mexico	
Spud Date:	12/13/76	
Completion	01/22/77	
Total Depth	4,550' PBTD @ 4,512'	
Surface Casing	8 5/8" @ 650' 400 sx TOC: Surface	
	Hole Size: 12 1/4"	
Production Casing	5 1/2" @ 4,550' 300 sx TOC: 2,700'	
	Hole Size: 7 7/8"	
Tubing Size	2 3/8" @ 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 Spud Date: 12/23/76 Completion: 1/27/77
Section 35, Township 26 South, Range 32 East
Lea County, NM



QUAY VALLEY, INC. JULY, 1996 Bobby Gray/Gray Pumping 915/943-4397

NEMU #60

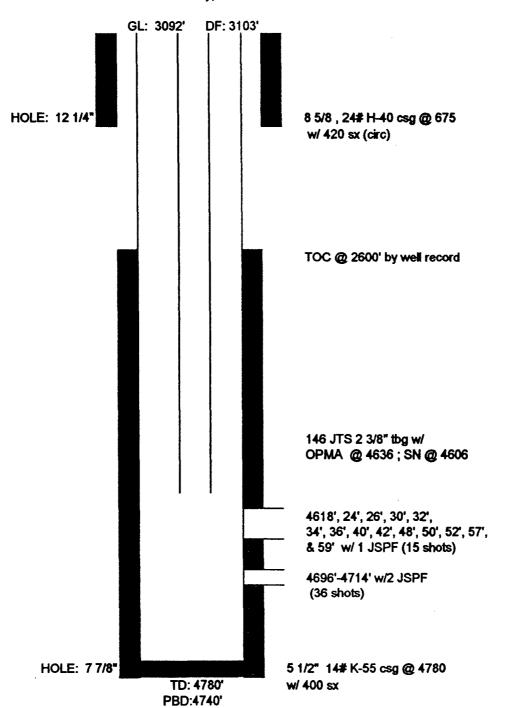
Status	(POW)	
County & State	Lea County, New Mexico	
Spud Date:	12/23/76	
Completion	01/27/77	
Total Depth	4,665' PBTD: 4626'	
Surface Casing	8 5/8" @ 650' 400 sx	TOC: Surface
	Hole Size: 12 1/4"	
Production Casing	5 1/2" @ 4,665' 330 sx	TOC: 3,400'
	Hole Size: 7 7/8"	
Tubing Size	2 7/8" @ 4,525'	
Perforations	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

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 perfs) 4,618', 4,622'-42', 4,647'-59',
Packer Size & Type	
Bridge Plug, If one	

QUAY VALLEY, INC.

C-108 REQUIREMENT - VII

PROPOSED OPERATION

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

DAILY AVERAGE DAILY MAXIMUM

CO2 RATE 12 MMCF 15 MMCF

(0.50 MMCF/WELL) (0.75 MMCF/WELL)

WATER VOLUME 2400 BWPD 4700 BWPD

(100 BWPD/WELL) (200 BWPD/WELL)

2. WHETHER THE SYSTEM IS OPEN OR CLOSED: <u>CLOSED</u>.

3. PROPOSED AVERAGE AND MAXIMUM INJECTION PRESSURE:

INJECTION PRESSURE

AVERAGE MAXIMUM 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)

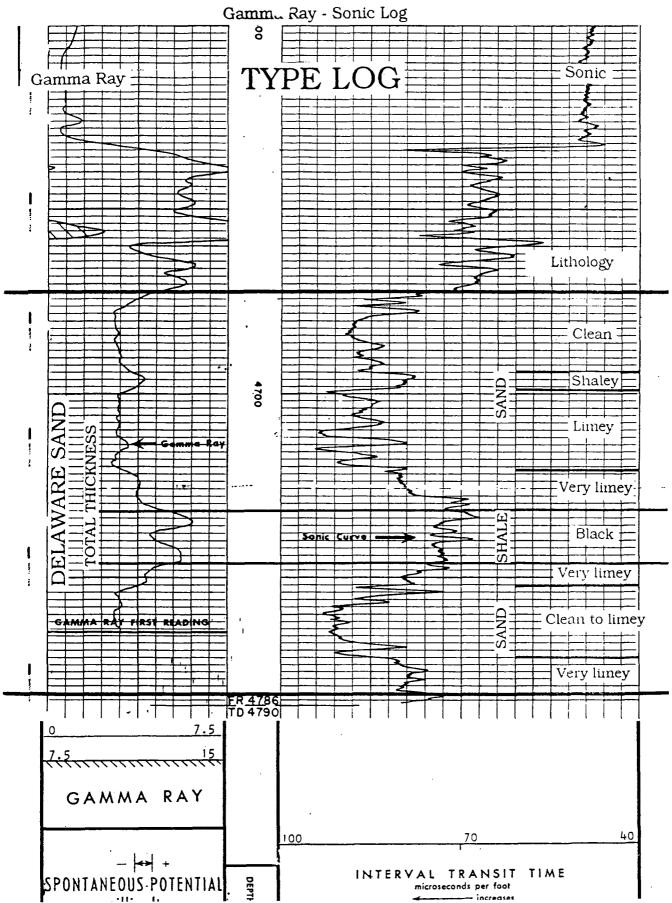
5. IF INJECTION IS FOR DISPOSAL PURPOSES INTO A ZONE NOT PRODUCTIVE OF OIL OR GAS AT OR WITHIN ONE MILE OF THE PROPOSED WELL, ATTACH A CHEMICAL ANALYSIS OF THE DISPOSAL ZONE FORMATION WATER, (MAY BE MEASURED OR INFERRED FROM EXISTING LITERATURE, STUDIES, NEARBY WELLS, ETC.).

NOT APPLICABLE.

CO2 RATE

Quay Valley, Inc. #39 NEMU

(Conoco # 11 Payne Federal) Section 30N, T26S, R33E IB 3113'



FORM C-108								T	Ţ
VIII	GEOLOGIC DATA	N IN IE	CTION ZONE					+	+
V III	NORTH EL MAR UNI							 	
Th						a Cand unit		 	
	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								
							Canyon		
and its appro	Formation and is of Permian age. Its approximate depth is 4600 feet below the surface, and its approximate thickness is 110 feet.								
	ne unitized Delaware S		was originally	defined by	Continent	al Oil Comp		 	
	Agreement, dated Jun						2119	+	}
	572' and 4782' in the								
	and 660' FSL, Section						Pay	 	
Sonic log of	said well run on July 2	1 1960	A copy of th	at log is in	cluded as s	ur Tuno Lo	nay		
Some log of	Said Well full Off July 2	1, 1500.	A copy of th	at log is inc	Judeu as c	our Type Lo	y		;
	TYPE LOC !	OD LIN	TIZED DELA	WARE CA	ND			+	
<u> </u>			ITIZED DELA			<u></u>		<u> </u>	<u> </u>
Lea County	Well Name	KB	Location	,	aware San			 	
Operator		TD		Тор		Thickness		ļ	<u> </u>
<u> </u>		1			Subsea	· · · · · · · · · · · · · · · · · · ·	<u> </u>	<u> </u>	
Quay Valley Inc			30N26S33E	4672				 	
(Conoco)	#11 Payne Federal	4786'	ļ	-1559	-1669		L		<u> </u>
		 	_	-		 			<u> </u>
									ļ
			N WELLS						
Quay Valley Inc.			24P26S32E	4696					
(Hill & Meeker)	#1 Gulf Federal	4790'	 	-1547	-1615				
		<u> </u>							<u> </u>
Quay Valley Inc			30D26S33E		L	22'+	<u> </u>		
N.G. Penrose	#1 Brown Federal	4704'	ļ	-1533	-1555	<u> </u>	 	 	
<u> </u>				; 				 	
Quay Valley Inc.			25B26S32E			42'+			
(Conoco)	#9 Wilder Federal	4696'	ļ	-1514	-1556	<u> </u>	<u> </u>		
<u> </u>	40 NEN44	2122	25526525	4620	4604	<u></u>		+	
Quay Valley Inc.			25D26S32E		> 4684	55'+			
(Conoco)	#23 Wilder Federal	4684'	ļ	-1496	-1551		ļ		
0 - 1/- !! - 1	410 NEW	2120	205205225	4510	45.05	471			
Quay Valley Inc.		+	26F26S32E		> 4565	47'+		+	
(Conoco)	# 27 Wilder Federal	4583'	ļ	-1398	-1449			+	
Quay Valley Inc.	#12 NEMII	2121	26H26S32E	AFOF	> 4652	57'+	 	+	
	# 21 Wilder Federal	4652'	E01169375	-1474		31 +	 	+	+
(CONOCO)	TE TYNGEL FEGERAL	7032		-17/4	-1331			+	+
Quay Valley Inc.	#14 NEMI I	3133	25F26S32E	4615	> 4657	42'+		+	+
(Conoco)	#6 Wilder Federal	4665'		-1482				+	+
(5011050)	no render i oderar	+ .005		1,102	1,72,7			+	+
Quay Valley Inc.	#16 NEMU	3130	25H26S32E	4642	> 4696	54'+		 	+
(Conoco)	#10 Wilder Federal	4697'		-1512				+	+
1		1		1				1	
Quay Valley Inc	#18 NEMU	3137	30F26S33E	4715	> 4831	116'+			
(Conoco)	#8 Payne Federal	4830'		-1578				1	1
[1	
Quay Valley Inc	#20 NEMU	3122	30L26S33E	4671	> 4720	49'+			
(Conoco)	#3 Payne Federal	4719'		-1549					
		1							
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	Ī		:			
Lea County	Well Name	KB	Location	Del	aware Sand	d	
Operator		TD		Тор		Thickness	-
-		1			Subsea		
Quay Valley Inc.	#24 NEMU	3118	25L26S32E	4595	> 4644	49'+	 -
(Conoco)	#3 Wilder Federal	4644'			-1526		
		1					 i
Quay Valley Inc.	#26 NEMU	3112	26J26S32E	4538	4628	90'	
	# 20 Wilder Federal	4643'		-1426			
				 			 1
Quay Valley Inc.	#28 NEMU	3104	26L26S32E	4490	> 4547	57'+	 ;
	# 24 Wilder Federal	4607'		-1386			
·		1					
Quay Valley Inc.	#29 NEMU	3099	27P26S32E	4457	4520	63'	
	# 3 Elliott Fed	4550'		-1358			
`		†					
Quay Valley Inc.	#31 NEMU	3109	26N26S32E	4495	4587	92'	 !
	# 19 Wilder Federal	4641'		-1386			 -
							 1
Quay Valley Inc.	#33 NEMU	3113	26P26S32E	4583	> 4638	55'+	
	# 1 Wilder 26 Fed	4640'		-1470			 i
				i			i
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			30N26S33E	4672	4782	110'	
(Conoco)	#11 Payne Federal	4786'		-1559	-1669		
		<u> </u>					i
Quay Valley Inc		3105	31D26S33E		> 4738	100'+	<u>i</u> i
(Conoco)	#7 Payne Federal	4742'		-1533	-1633		<u>i</u>
	<u> </u>						
Quay Valley Inc.			36B26S32E		> 4684	68'+	 · · · · · · · · · · · · · · · · · · ·
(Hill & Meeker)	#3-36 State	4721'		-1501	-1569		
				<u> </u>			 ÷
Quay Valley Inc.			35B26S32E	+		47'+	
(Conoco)	#4 Bradley 35 Fed	4608'	<u> </u>	-1451	-1498		
0	W40 NETT		25000000	 	4545	461	 !
Quay Valley Inc.			35D26S32E		> 4518	46'+	 1
(Conoco)	#2 Bradley 35 Fed	4523'	ļ 	-1366	-1412	ļ	 !
0 1/- 1	HEO NEVAL	+ 2000	2411266225	4440	4533	0.41	 <u> </u>
Quay Valley Inc.			34H26S32E		> 4532	84'+	
(GL Buckles)	#1 Elliott Fed	4550'	 	-1356	-1440	 	 <u> </u>
Ougan Valley Ie -	#E1 NIENALL	2112	255265225	4500	- AEEC	50'+	
Quay Valley Inc.		4559'	35F26S32E	-1394	> 4556 -1444		
(Conoco)	#6 Payne Federal	4333		-1394	-1444	 	
Quay Valley inc.	#52 NEMI	3007	35H26S32E	ASCE	> 4614	48'+	
(Conoco)	#1 Payne 35 Fed	4620'	JULEOSSEE	-1469			
(COHOCO)	mi raylic JJ Feu	7020	 	-1703	-1317	 	
Quay Valley Inc.	#54 NFMI	3101	36F26S32E	4588	> 4660	72'+	
(Hill & Meeker)		4750'	30, 200322	-1487			 i
(, iii a Piceker)		1 30	 			-	

NEMU UNIT FM

	VIII Page 3		:				Ţ		ļ
Lea County	Well Name	KB	Location	Dal	aware San	4		 	
Operator	Well Hallie	TD	LUCATION			Thickness	ļ		ļ — — —
Operator	 	10	 	Top		Inickness	ļ	 	
Out 1/5!15 155	457 NCM I	2100	215266225	Subsea	Subsea	1071	 		
Quay Valley Inc			31F26S33E	4656		107			
(Conoco)	#12 Payne Federal	4777'	; 	-1548	-1655			 	
	<u> </u>			ļ			ļ	ļ	
Quay Valley Inc.	#58 NEMU		36D26S32E	4582					<u> </u>
(Conoco)		4750'	i 	-1475	-1579		<u> </u>		
		 	ı	1					
Quay Valley Inc	#62 NEMU		36H26S32E	4614		104'			
(Conoco)		4750'		-1513	-1617				
> m	eans greater than	<u> </u>							
				<u>i</u>					
	UNDERGROUND SO	OURCES	OF DRINKIN	IG WATE	₹				
	(LESS THAN 10,000 I		T				 	 	+
	(_ 355 11, 15,500)	1	i		 		 	 	
ļ	OVERLYING NORT	H EI M	AD LINIT	 		<u> </u>	+	 	
<u> </u>				1	<u>L.,.,</u>	<u> </u>	<u> </u>	 	ļ
- 0	verlying the North El M	ar Unit,	underground d	innking wat	er is found	in the Rus	tier		ļ
	t between 100 and 20							L	
	the North El Mar Unit.	The clos	est water wel	is the Rati	tlesnake '2	8' #1, loca	ted		ļ
in Section 2	8, T-26-S, R-33-E.								
									1
}	UNDERLYING NOR	TH EL N	MAR UNIT					1	
Ui	nderlying the North El	Mar Unit	there are no	known soui	ces of drin	king water.			
									1
									Ī
									
				1 -		,		i	
l .		1		<u> </u>		,	 		
						,			
						,			

NEMU - XII

FORM C-108					
XII	FAULTS OR (OTHER HYDRO	DLOGIC CONN	IECTIONS	
	have examined	the available ge	eologic and engi	neering data in	the North
El Mar Field,	, and I have four	nd no evidence	of open faults of	or any other hyd	drologic
connection	between the dis	sposal zone and	l any undergrou	nd source of dri	nking water.
	•				
	Wusi	VIII			
	William G. Wats	son,			
	Consulting Geo	logist			

QUAY VALLEY, INC.

C-108 REQUIREMENT - X

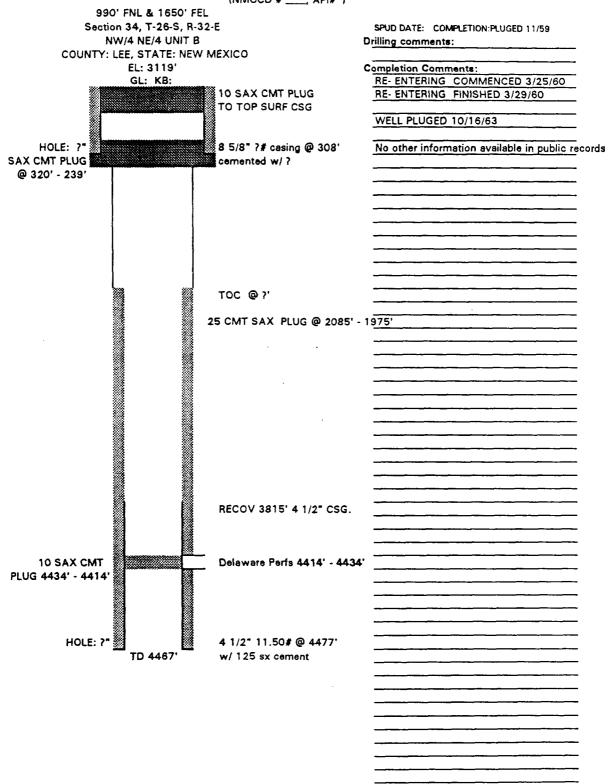
LOGS: ON FILE AT OCD

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#)



SUNDRY NOTICES AND REPORTS ON WELLS DO

NOTICE OF INTENTION TO BRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSECUENT REPORT OF SHOOTING OR ACIDIZING.	
WITIES OF INTENTION TO TEST MATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING.	
NOTICE OF INTENTION TO REPAIR OF REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
SCITICS OF INTERPRET OF MOTHERHIE TO COLUMN	SUBSEQUENT REPORT OF ABANDONMENT	\.∑
CONDENSATION TO PULL OR ALTER CASING.	SUPPLEMENTARY WELL HISTORY	
AUTHOR OF HATEITHON TO ABANDON WELL		
	i :	
(INDICATE ADOVE BY CHECK MARK	nature of report, notice, on other data)	
•		
·	October 16,	10.

Wed No. is located 990 ft. from [N] line and 1,650 ft. from [E] line of sec. ... & n.

NV/A NE/A Unit B 26-S 32-E NMFM

(Monormalism No.) (Tap.) (Range) New Mexico

The elevation of the decrick floor above sea level is 3, 119 ft.

DETAILS OF WORK

and split in the constant section in addition and a character transfer that the constant in a feet and the constant split in the constant split in the constant properties that it is the constant properties the constant properties that it is the constant properties that the constant properties that the constant properties that the constant properties the constant properties the constant properties t

9-int-off Femped 10 sacks of compact across perforations from 4,434 to 4,414. Since the 1. It classing at 3,315 feet. See 15-sack cement plug from 2,085 to 1,915 feet. Messack cement plug from 2,085 to 1,915 feet. Messack cement plug in top of surface casing. Placed 4" marker in hole and restored location to original level.

Andrew St. C. Box 56

Advers S. C. Box 56

Advers S. C. Box 56

Advers S. C. Box 56

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 SPUD DATE: 8/15/59 COMPLETION: 8/28/59 SW 1/4 SW 1/4 UNIT M Drilling comments: COUNTY: LEE, STATE: NEW MEXICO EL: 3146' **Completion Comments:** GL: KB: PLUGED 1/4/62 10 SAX CMT AT SURF. No other information available in public records HOLE: 11" CMT PLUG 8 5/8" 24# CSG 362' W/ 25 SAX cemented w/ 300 **BOTTON OF SURF** 8 5/8" CSG @ 362' TOC @ ?' CMT PLUG W/ 25 SAX @ TOP OF SALT 1:100' PERF @ 4711' - 4715' 25 SAX CMT AT CSG STUB 5 1/2" 14# @ 3700' - 4790' HOLE:7 7/8" TD 4790' w/ 200 sx cement

(SUBMIT IN TRIPLICATE)

UNITED STATES

DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Approval arpins 12-31-60.

Land Office Las. Cruces... 085880-A

Unit Federal-Littlefield "DQ"

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
(Indicate above by Check Mark	K NATURE OF REPORT, NOTICE, OR OTHER DATA)	
	January 4,	
EW/4 Sec. 19 265 (14 Sec. and Sec. No.) (Twp.)	S line and 660 ft. from W line of sec.	19_
El Kar (jiki) Delaware) (County o	Mey Mexico	
se elevation of the derrick floor above sea lev	vel is <u>served</u> it.	
	ILS OF WORK	
ate names of and expected depths to objective sands; show size ing points, and all o	es, weights, and lengths of proposed easings; indicate mudding jo other important proposed work)	bs, semant-
notice of intention as follows. 1. Hole loaded with heavy many services. 2. 25 sx. cement placed across shot and recovered 3,700	mud. ross perfs 4711-15°.	, with th

HILL & MEEKER

GULF FEDERAL WELL #2 FORMERLY (NMOCD # ____, API#)

660' FSL & 2007' FWL		
Section 24, T-26-S, R-32-E		SPUD DATE: 6/30/59 COMPLETION: 7/8/59
SE 1/4 SW 1/4 UNIT N		rilling comments:
COUNTY: LEE, STATE: NEW MI		
EL: 3143'	C	Completion Comments:
GL: KB:		PLUGED 8/59
	10 SAX CMT PLUG SURF &	CORE #1 - 4627' TO 4639', RECOVERED 12'
	GROUND LEVEL	VERY TIGHT SAND. NO SHOW
		CORE #2 - 4639' TO 4704', RECIVERED 65'
		VERY TIGHT SAND, NO SHOW
HOLE: 7"	8 5/8" 24# casing @ 354'	
	cemented w/?	
	Circ	No other information available in public records
1200 € 505	Circ	No other imornation available in public records
	15 SAX CMT PLUG @ 665'	
	15 SAX CIMI PLUG @ 665	
		
		
	TOC @ ?'	
	25 SAX CMT PLUG @ 1080'	
	25 SAX CMT PLUG @ 4617'	
	DRILLED TO A TD OF 4627'	
	DINECED TO A 15 OF 4027	
HOLE: ?"	?"	
	w/? sx cement	
10 4/04 1	W/ 1 SA COMBINE	
		
		
		
		

HISTORY OF OIL OR GAS WELL ...

BUREAU OF LAND MANAGEMENT

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 "aldetracked" 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 tast for water, state kind of material used, position, and results of pumping or bailing.

Drilled to a T.D. of 46271. WHO I STATE OF THE PARTY OF THE PARTY. Core #1 - 4627 to 4639, recovered 121 very tight sand. No Shows.

Core #2 - 4639 to 4704, recovered 651 very tight sand. No shows.

354: - 8 5/8" 24# casing set at 363: - Left in well. Hole full of SANGER LANGE SALTER THE SERVICE mud laden material.

Cement Plugs at:

10 sks at Surface and Ground Mevel

10 sks at 365 t.

15 sks at 6651.

25 sks at 1080:.
25 sks at 4617: 35 of Gan famous on finance

रीश्रमकाभारती नेवासी १० वर्षेत्र व्यातिक व्यात्ति व्यात्त्र प्रतिकार स्थापनी विश्वास्त्र । १ ४० ०० १३ ०० ००

3. At-3

GEOLOGICAL TOPS: Latter to the enterior of the action of the control of the contr

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spirit at

The second of the Red beds Rustler 655; Salado 1 1000; Salado 1 6651 Delaware Sc. 46171

ton or off of etalen

auture eerske Hills (1980) an ಇಲ್ಲಾ ಗಾರು 15 . ಭ ಕಟ್ಟಬ್ಲಿಗಳ

1-011 11 11 1 A

State of the state

HILL & MEEKER

GULF FEDERAL WELL #3 FORMERLY

(NMOCD # ____, API#)

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

... 562040

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- NE/4 SE/4 UNIT I		SPUD DATE:12/15/59 COMPLETION:PLUGED 12/59 Drilling comments:
COUNTY: LEE, STATE: NEW M	MEXICO	
EL: 3124' GL: KB:		Completion Comments:
		NO DRILLING OR PLUGING INFO.
HOLE: 7"	8 5/8" 20# casing @ 275'	No other information available in public records
	cemented w/ ? Surf.	
	TOC @ ?'	
	•	
	Delaware Perfs ?	
HOLE: ?"	41/2" 9.5# @ 4550' w/ 125 sx cement	
10 4550	W/ 125 SX Cement	
	-	
	- -	
	-	
	-	

D 3	KLEEMAN TRICT ENGINEER	EPARTMENT	D STATES OF THE INTERIOF CAL SURVEY	R MI 10 32	<u></u>
			•	DEC	010199
	SIINDDV NO	TICES AN	D REPORTS	U. S. GE.)Luzio.L
	SONDICT NO	TICES AN	D REPORTS		, NEW ME
NOTICE OF INT	TENTION TO DRILL	<u> </u>	SUBSEQUENT REPORT OF WA	TER SHUT-OFF	
NOTICE OF INT	TENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SH	OOTING OR ACIDIZING	
NOTICE OF INT	TENTION TO TEST WATER SHU	T-0FF	SUBSEQUENT REPORT OF AL	TERING CASING	
NOTICE OF INT	TENTION TO RE-DRILL OR REP	PAIR WELL	SUBSEQUENT REPORT OF RE	-DRILLING OR REPAIR	
NOTICE OF INT	TENTION TO SHOOT OR ACIDI	ZE	. SUBSEQUENT REPORT OF AB	ANDONMENT	
	TENTION TO PULL OR ALTER	ASING	SUPPLEMENTARY WELL HIST	ORY	
NOTICE OF INT	TENTION TO ABANDON WELL		-		
	(INDICATE ABO	VE BY CHECK MARK NA	ture of report, notice, or o	THER DATA)	
			Dece	mber 9	19.5
2334 ct	t-Federal				,
(36 Sec.	Unit I Sec. 27 and Sec. No.) Delcembro	25-3 3 (Twp.) (Ba	2=3 MCN nge) (Meridian) New Martico	
	Pield)	(County or Su	bdivision)	(State or Territory)	· -
m 1		, , ,	. 372h c		
he elevatio	n of the derrick floor	above sea level	15		
		DETAILS	OF WORK		
			reights, and lengths of propose important proposed work)	d casings; indicate mudding	jobs, cemen
State names of a					
Proposal 275 feet into the lb. casi be throu treatmen	is to set 5-5/8 and circulate of Deleware sand total depting the perforations of the The well will	ment to the o a total dep n and coment opposite Dela l be rotary e	easing into red surface. To dril th of 1550 feet. with 125 sacks of ware formation af ored and logs run otary tools.	l approximately To set k-1/2" (commit. Completer acid and fro	100 fe),D, 9,! ition wi icture
Proposal 275 feet into the lb. casi be throu treatmen	is to set 8-5/8 and circulate of Delegare sand total depting at total depting the perforations	ment to the o a total dep n and coment opposite Dela l be rotary e	surface. To dril th of 1550 feet. with 125 sacks of ware formation of ored and logs run	l approximately To set k-1/2" (commit. Completer acid and fro	100 fe),D, 9,! ition wi icture
Proposal 275 feet into the lb. casi be throu treatmen	is to set 5-5/8 and circulate of Deleware sand total depting the perforations of the The well will	ment to the o a total dep n and coment opposite Dela l be rotary e	surface. To dril th of 1550 feet. with 125 sacks of ware formation of ored and logs run	l approximately To set k-1/2" (commit. Completer acid and fro	100 fee),D, 9,! ition wi icture
Proposal 275 feet into the lb. casi be throu treatmen	is to set 5-5/8 and circulate of Deleware sand total depting the perforations of the The well will	ment to the o a total dep n and coment opposite Dela l be rotary e	surface. To dril th of 1550 feet. with 125 sacks of ware formation of ored and logs run	l approximately To set k-1/2" (commit. Completer acid and fro	100 fe),D, 9,! ition wi icture
Proposal 275 feet into the lb. casi be throu treatmen	is to set 5-5/8 and circulate of Deleware sand total depting the perforations of the The well will	ment to the o a total dep n and coment opposite Dela l be rotary e	surface. To dril th of 1550 feet. with 125 sacks of ware formation of ored and logs run	l approximately To set k-1/2" (commit. Completer acid and fro	100 fe),D, 9,! ition wi icture
Proposal 275 feet into the lb. casi be three treatmen date wil	is to set 5-5/8 and circulate of Delaware sand to set total depting at total depting to The well will be December 15	ment to the o a total deposite Dela opposite Dela le potary e 1959 with r	surface. To dril th of 1550 feet. with 125 sacks of ware formation af ored and logs run ctary tools.	l approximately To set k-1/2" (community Completer acid and fro approximate (100 fer 0,0, 9,0 rtion w noture specifing
Proposal 275 feet into the lb. casi be throu treatmen date will	is to set 5-5/8 and circulate of Delmmare sand to set total depting at total depting to The well will be December 15	ment to the o a total dep is and coment opposite Dela is be rotary e 1959 with r	surface. To dril th of 1550 feet. with 125 sacks of ware formation of ored and logs run	l approximately To set k-1/2" (community Completer acid and fro approximate (100 fer 0,0, 9,0 rtion w noture specifing
Proposal 275 feet into the lb. casi be throu treatmen date will	is to set 5-5/8 and circulate of Delaware sand to set total depting at total depting to The well will be December 15	ment to the o a total dep is and coment opposite Dela is be rotary e 1959 with r	surface. To dril th of 1550 feet. with 125 sacks of ware formation af ored and logs run ctary tools.	l approximately To set k-1/2" (community Completer acid and fro approximate (100 fer 0,0, 9,1 rtion wi acture specific
Proposal 275 feet into the lb. casi be throu treatmen date will I understand Company	is to set 5-5/8 and circulate of Delmmare sand to set total depting at total depting to The well will be December 15	ment to the o a total dep is and coment opposite Dela is be rotary e 1959 with r	surface. To dril th of 1550 feet. with 125 sacks of ware formation af ored and logs run ctary tools.	l approximately To set k-1/2" (community Completer acid and fro approximate (100 fer 0,0, 9,1 rtion wi acture specific

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 SUI		SPUD DATE: 7/19/61 COMPLETION: 8/30/6						
County: LOVING, State: TE	XAS	Drilling comments:						
EL: 3088' GR								
GL: KB:		Completion Comments:						
ment i i i k	**	Plug back date: 4/11/97						
	4	Completed: 4/30/97						
		Weil Type WIW						
		No other information available in public records						
HOLE: 12 1/4"	8 5/8" 32# casing @ 548'							
1 1 1	cemented w/ 275 sxs							
1 1 1	Circ to surf.							
111								
								
	TOC @ 1686'							
	100 @ 1686							
								
	1.9" PC TBG @4350"							
	PACKER @ 4355'							
	2 7/8" Liner :Surf. To 4380'							
	310 sax							
<u> </u>								
· ·								
	Delaware Perfs 4461' - 4480'							
								
	PBD 4524'							
HOLE: 6 3/4"	4 1/2" 11.6 # @ 4554'							
TD 4554'	w/ 300 sx cement							
15 100 /	ii, coc an comon							
								

SECTION II			DAT	A ON WE	TT CO	MPLETION A	ND LOG (Not F	o beatuped	n Retest)					
24. Type of Complete	on: New Well		Deepen	ing [] ,	Plug Back	7	her		25. Perm Plug Deep	Back o		DATE 7/19/6	1	PERM
	HEW HELL		Deepen	ing L		ing back _		ner	ш	Rule			7 7 7 7 7 7	<u> </u>	CAS
26. Notice of Intention	n to Drill th	is well	l was filed i	n Name	oſ					Exce	ption				
										Wate	r inject	ion			PERM
Kern Cour	ity Lar	nd C	Compan	7						Регп	iit				
	27. Number of producing wells on this lease in this field (reservoir) including this well in this lease)tsposai			PERM	
						0.4.4	•			Perm					
00 00 0 10 1				<u> </u>	 .	944				Othe	:r				PERM
29. Date Plug Back, I WorkOver or Drill Operations:	eepening. ing	Co	mmenced	l Comi	pleted	30. Distant Same L	e to neare ease & Re								
31. Location of well, r			ase boundar	ies	Ţ -	<u>'</u>	Feet	Fron	1	<u></u>	Li	ne and	 -	F	cet from
of lease on which	this well is k	ocated			1		Line	of th	e					L	case
32. Elevation (DF, RK 3088 (GR)	B. RT. GR. E	TC.I			-	33. Was dir than in			made oth W-12]?	er	Yes		× No		
	35. Total Dep	th	36. P. B. D	epth	37. 5	urface Casing	Ţ						7 T		
4461	4554		453	,	ī	Determined by	1 1	X	1	ndation of			Dt. of L		
38. Is well multiple or		39 10	452		liet all	reservoir nan	Rules	lation		Commissio			Dt of La		
No No	picaon	0:	r Gas ID No.	FIELD &			ies (comp	1 0	AS ID or LLEASE	011-0		ELL	Drilled by:		ools
41. Name of Drilling	Contractor							+		 -	-		42. Is Ceme	nting	Affiday
													Attache	d?	
								1					j 📙 ,	es	X
43.				CAS	ING R	ECORD (Repo	rt All Str	ngs :	Set in Well	1)			<u> </u>		
CASING SIZE	WT -	/FT.	DEPTH SET MULTISTAGE TYPE & AMOUNT TOOL DEPTH CEMENT (sacks)						HOLE SI	ZE		OP OF EMENT	SL	URRY \	
8-5/8	32#		548 225A 50 Neat							12½		Ci	irc		
4-1/2	9.5#		4554		1				Latex						
					-										
	<u> </u>						<u> </u>					<u></u>			
44.						LINER	RECORD								
Size			TOP			Bo	ttom			Sacks C	ement			Scree	nn
					+				+			·	_		
	77.77	(N) (C D)	50000						-1/						
Size		Depth	ECORD		acker S		rom	ng in	tervai (this	completio	n) indic	To	th of perforat	ion or	open a
		4257													
2-3/8		423/		42	257		rom	61				To	4469		
							rom					То			
47.				ACIT.	7 847	T FDACTION	CEMEN	- 601	IEEZE ET	~					
71.		Depth	Interval	ACIL	J. 3AU	T. FRACTURE	CEMEN!	الاد	JEELE. E1	Amount a	nd King	of Mar	enal Used		
		~					 			Amount 2	- KIII				
							}								
- 							<u> </u>								
48.		RMATI	ION RECOR	LIST	EPTHS	OF PRINCIP	T CEOL	SIC	AL MARKE	RS AND F	ORMAT	וסד אסו			
Forma	tions				pth		<u> </u>		Formati	ons			D	pth	
Delaware			4456	<u> </u>			<u> </u>					ļ			
l			-				ļ					<u> </u>			
ļ			<u> </u>				<u> </u>					<u> </u>			
REMARKSSet									Conver	ted to	wat	<u>er ir</u>	njection	· ·	Well
tested fo	r futur	<u>e tr</u>	ansfer	of a	Llow	<u>able (10</u>	/18/7	5).							
۶ <u> </u>						 							<u></u>	i	

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Type or print only

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

		[API No. 42- 30	1-00151	7. RRC District No.	_
Oil Well Petertial Test Completion	Dloti	D	. 17		8. RRC Lease No.	
Oil Well Potential Test, Completion	or Recompleti	on Keport, a	na Log		21246	
1. FIELD NAME (as per RRC Records or Wildcat)	9. Well No.					
El Mar (Delaware)	1112					
3. OPERATOR'S NAME (Exactly as shown on P-5, Organizati		elaware/Unit RRC Oper	ator No.		10. County of well site	_
			_			
Burlington Resources Oil & Gas Company 4 ADDRESS		10933	3		Loving 11. Purpose of filing	_
P.O. Box 51810 Midland, TX 79710-1810					1	٦
5. If Operator has changed within the last 60 days, name the for	mer operator		·· ···· ·		Initial Potential	اـــا
					Retest	
6a. Location (Section, Block, and Survey)	i	nd direction to neare		ounty.		~~
4 54 T & P 12. If workover or reclass, give former field (with reservoir) &	ras ID or oil lease no	s northeast o GASID or	Oil - O	WELL NO.	Reclass	
FIELD & RESERVOIR	540 LD 01 011 10400 110.	OIL LEASE	Gas · G	WELL NO.		
					Well record only (explain in Remarks)	
13. Type of electric or other log run		<u> </u>	14. Completion	n or recompletion	on date	
			4/30/97	'		
SECTION I: POTENTIAL TEST DATA IMP	ORTANT: Test	should be for 24	hours unless	ntherwise sn	ecified in field rules.	
	17. Production meth			-	18. Choke size	
	Size & Type of p	nump)	,			
19. Production during Oil - BBLS C	ias - MCF	Water - BBL	S G	is, - Oil Ratio	Flowing Tubing Pressure	;
Test Period			211.5			PSI
20. Calculated 24- Oil - BBLS C	as - MCF	Water - BBL	S Oil Gra	vity - API - 60°	Casing Pressure	PSI
121. Was swab used during this test?	22. Oil produced	prior to test (New &	Reworked well	s) 2	3. Injection Gas-Oil	31
Yes No		F (, l	Ratio	
REMARKS: Cleaned out, repaired holes in c	sa w/saz jobs.	and ran 2 7/	8" liner			
	J 1- 0					
INSTRUCTIONS: File an original and on	e copy of the co	mpleted Form	W-2 in the a	ppropriate F	CRC District Office	
within 30 days after completing a well and w	vithin 10 days af	ter a potential te	st. If an ope	rator does no	t properly report the	
results of a potential test within the 10-day back more than 10 days before the W-2 w	period, the effect as received in the	e District Offic	anowable ass e. (Statewide	e Rules 16 au	nd 51) To report a	
completion or recompletion, fill in both side	s of this form. To	o report a retest,	fill in only t	he front side.	, .	
WELL TESTER'S CERTIFICATION						
I declare under penalties prescribed in Sec. 91.143, 7					observation of (a) meter	
readings or (b) the top and bottom gauges of each tan above is true, correct, and complete, to the best of m	•	on was run during I	he test. I furthe	r certify that the	potential test data shown	
	,				T.A.O. OF T	ت
Signature: Well Tester	Nam	e of Company	RRC Represen	Lative	May	44
<u> </u>					potential test data shown P.R.C. OF TE MAY - 8 199	7
						_
OPERATOR'S CERTIFICATION			$\overline{}$		TEV.	
I declare under the penalties prescribed in Sec. 91.14 prepared by me under my supervision and direction	3, Texas Natural Res	sources Code, that I	am authorized	to make this repo	ort, that this report was A	
knowledge.	it, and that the and	r racis stated dicitor	are due, con	toct, and compt	ca, to all our of my	
_Donna Williams		Regulatory	Compliance			
Typed or printed name of operator's representative	/ /	Tide of Person	7			_
915-688-6943 05 Telephone: Area Code Number Date: mo.	/ 06 / 97	Signature	u			_
Telephone: Area Code Number Date: mo.	day year	215DEM16				

1. Processor 1. 1. 1. 1. 1. 1. 1. 1	LUTIONII			DAT	TA ON WEL	L COMI	LETION	AND L	0G (1	Not Req	uired on	Reset)		
Note of Common to Deli links will was find a Parsa of Parsa 14 Sold services 14 Sold services 15 Sol	4 Type of Completion •	New W	ell							25. Permit Plug B Deepe	i to Drill, lack or, n				
Part	b. Notice of Intention to	Drill this	well was file	ed in Name	of									,	CASEN
Name of Processing will be sub-table to the Committee of Processing will be sub-tabl									-					PI	RMIT N
Section Process Commenced Computed Section Part Par											-	11/	30/93		
Description	 Number of producing this field (reservoir) 	wells on neluding	this lease in this well						}		•	al		P	ERMIT N
A 11 17 A 730 7 A 730 7						9,440			}					PI	ERMIT N
State on which this well is bested 100	Workover or Drilling	ening,	Į	j	! /									,	
				oundaries		1000			No.	orth	Line a	nd	2350'	Fee	i from
Total Depth	2. Elevation (DF, RKE	, RT, GR	, etc.)			33. Was	directional s	irvey made	ther	El Mar)	<u>re/Un</u>	77	<u> </u>	ase
1465 4554	4. Top of Pay 35	. Total I	Depth / 3	6. P. B. I									Dt of I	ettet	
Vis. X No. Or Gist in No. PRED & RESERVOR CIT. LEAST Group Group Tool Too	71		<i>'</i> 1	4524	· · ·	Determined h									
Name of Diffusion Control	8. Is well multiple com	pletion?				servoir name	es (completion								
DawSon	Yes X] No				RVOIR									
DawSon	II. Name of Drilling Co	ntractor										4			idevit
CASING RECORD (Repen All Strings Set to Well) CASING SIZE WT (PFT. OBEPH SET MULTISTAGE TYPE A ANADOMT MOLE SIZE CAMENT CO. B. 8 5/8' 32# 548' 100L DETH CEMENT STAGE TYPE A ANADOMT MOLE SIZE CAMENT CO. B. 4 1/2' 11.5# 4554' 300 SXS 6 3/4' 1686' 20 B. 4 1/2' 11.5# 4554' 300 SXS 6 3/4' 1686' 4 1/2' 11.5# 4554' 300 SXS 6 3/4' 1686' 4 1/2' 11.5# 4554' 300 SXS 6 3/4' 1686' 54	Dawson							+	$\overline{}$						No
Social Programme Social Prog	3.				CASING R	ECORD (R	eport All Str	ings Set in V	/ell)		L				
LINER RECORD LINER RECORD Start TOP Bottom Starts Cement Surf TUBING RECORD A 2880' 310. SXS TUBING RECORD A 2480' TUBING RECORD A 2480' A 310. SXS TUBING RECORD A 2480' A 255' From To From To From To From To From To From To From ACID. SHOT, FRACTURE, CEMENT SQUEEZE, ETC. ARIOUS HOT, FRACTURE, CEMENT SQUEEZE, ETC. ARIOUS HOT BETT ARIOUS HORSE ARIOUS ARIOU			· · · · · · · · · · · · · · · · · · ·		T		f CE	MENT (sack				CEM	ENT		
LINER RECORD Sust TOP Bottom Sacks Censent Screen Sust TOP Bottom Sacks Censent Screen Sust TOP Bottom Sacks Censent Screen Sust TUBING RECORD 4. Producing Innival (this completion) Indicate dayth of performion or open hole Sust Depth Sust Packer Set From 4461: To 4480: 1.9 4350' 4355' From To From To From To From To From To Perh Innival ACIO, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Depth Innival Sugrad holes w/150 Sxs "C" + 2% Cacl2, Drld out 4. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TUPS) Formations Depth Formations									_						
Size TOP Bottom Section Section Section Section Screen 17/8" SUPFACE S	7.1/5	**	·VIT	7,	7.54			00 3V2		0 3/4		100	·		
Size TOP Bottom Sector Concentration Section Section Section Section (17/8)" SULF, 4380" 310 SXS SCIENTS (18/8) SULF, 4380" 310 SXS SCIENTS (18/8) SULF, 4380" 310 SXS SCIENTS (18/8) SULF, 4380" TO 4480" TO 4480" TO 4480" TO 4480" TO 500 STORM TO 500 ST		L		<u> </u>		· · · · · · · · · · · · · · · · · · ·									
TUBING RECORD 46. Producing Interval (this completion) Indicate depth of perforation of open hole Size Depth Set Pecker Set From 461' To 4480' 1.9 4350' 4355' From To From W/310 SXS Cmt 44 FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS) Formations From Name (As shown on From P-5 Organization Report) BURLINGTON RESOURCES OIL 4 GAS Oil and Gas Division Operator's Name (As shown on From P-5 Organization Report) BURLINGTON RESOURCES OIL 4 GAS IND GENERAL TO TO BURLINGTON RESOURCES OIL 5 GAS IND GRAP No. FIEL MAR (BELAMARE) 10.001 Lesse Name 9. Rule 37 Case No. 10.001 Lesser/Gas ID No. 11.1 Well No. 11.12 ASING CEMENTING DATA SURFACE CASING Single Single Single Frailed Strings Fr	4.					LIN	ER RECOR	D							
TUBING RECORD 46. Producing Interval (this completion) Indicase depth of perfortation or open hole Size Depth Set Perker Set From 4461 To 4480 To 500 To 50											ment			Screen	
Size Depth Set Pecter Set From 4461 To 4480 1.9 4350 4355 From To	2 //8" /		Surt.			4380			310	SXS	<u> </u>		 -		
Size Depth Set Packer Set From 4461' To 4480' 1.9	15.		TUBING RE	CORD			46. Produc	ing Interval	this con	npistion) I	ndicate depti	of peri	oration of	open hole	
1.9 4350 4355 From To To From To To From To To From To To To From To	Size	Ţ			Packer	Set	 		_					·	
ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Depth Interval Amount and Kind of Material Used ATT - 873' SQZd holes W/150 sxs "C" + 2% CaC12, Dr1d out Ran 2 7/8" liner w/310 sxs cmt 44 FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS) Formations Depth Formation	1.9		4350		435	5' /	From					Tο			
Depth Interval Depth Interval Amount and Kind of Material Used Agran 2 7/8" Sqzd holes w/150 sxs "C" + 2% CaCl2, Drld out Agran 2 7/8" Sqzd holes w/150 sxs "C" + 2% CaCl2, Drld out Ran 2 7/8" Sqzd holes w/150 sxs cmt 41. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS) Formations Formations Depth Formations Depth Permations RAILROAD COMMISSION OF TEXAS Oil and Gas Division Operator's Name (As shown on Form P-3, Organization Report) BURLINGTON RESOURCES 01L \$ GAS Oil and Gas Division Operator's Name (Name (Nuldeat or exactly as shown on RRC records) EL MAR (DELAMARE) Lesse Name 9 Rule 37 Case No. 10. 0til Lesse/Gas ID No. 11. well No. 1. Lesse Name MAR/OELAMARE/UNIT ASING CEMENTING DATA: SURFACE CASING CA		 			 										
Depth Interval Amount and Kind of Material Used 147 · 873 Sq2d holes w/150 sxs 'C' + 2t CaCl2, Dr1d out 1380 · Surface Ran 2 7/8" liner w/310 sxs cmt 41. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS) Formations Depth Formations Depth Formations Depth Formations Cementling Nep Rev. 4/1/83 483-045 Operators Name (As shown on Form P-5, Organization Report) BURLINGTON RESOURCES 01L & GAS 109338 08 LOVING Field Name (Wildcat or exactly as shown on RRC records) EL MAR (DELAMARE) Lesse Name 9. Rule 37 Case No. 10. OUL Lease/Gas ID No. 11. well No. 11. ASING CEMENTING DATA: SURFACE CASING NOTE: NOTE: PRODUCTION CASING CASI	17.				ACID SE	IOT FDACT	TUDE CEN	ENT COLIE	75 57	r					
ASING CEMENTING DATA: PORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS) Pormations Pormations Depth Formations Depth Formations Depth Formations Depth Formations Depth Cementing Rep Rev. 4(1/83 481-043 Oil and Gas Division Operator's Name IAs shown on Form P-5. Organization Report) BURLINGTON RESOURCES OIL & GAS Pield Name (Wildsoft or exactly as shown on RRC records) E HAR (DELAMARE) Lesse Name 9. Rule 37 Case No. 10. Oil Lease/Gas ID No. 11. Well No. 21246 ASING CEMENTING DATA: SURFACE CASING MEDIATE CASING Single Single Parallel String Para	 		Depth Int	erval	ACID, 31	101, FRAC	I CRE, CEM	ENT SQUE			Kind of Ma	iterial U	sed		
Formations Depth Formations Rev. 47/83 410-045 410-045 Attributed Attributed Formations Rev. 47/83 410-045 Attributed Formations Rev. 47/83 Attributed Formations Depth Formations Cementing Permit No. Attributed Formations Depth Formations Rev. 47/83 Attributed Formations Depth Formations Rev. 47/83 Attributed Formations Depth Formations Rev. 47/83 Attributed Formations Depth Formations Depth Formations Rev. 47/83 Attributed Formations Attributed Formations Depth Formations Attributed Formations Depth Formations Attributed Formations Depth Formations Depth Formations Attributed Formations Attributed Formations Depth Formations Attributed Formations Depth Formations Attributed Formations	747' -873'						Sqz	d holes	w/150	0 sxs	'C' + 21	CaC	12, Dr	ld out	
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CASING CEMENTING DATE CASING CASING CASING CEMENTING PROCESS CASING Single String Parallel Strings Text Shoe 2 Cementing Date 1	L MAR/DELAWARE/	UNIT				l			2:	1246	 			12	
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String Parallel Strings V to Shoe 2 Cementing Date 2 Cementing Date	CASING MEDIATE									CEMENT					
2 Cementing Date 1997 1997 1997 1997 1997 1997 1997 199		-				CA	SING	Sing Strin	e g						Shoc
	12. Cementing Date	CHARGO!	all taken	22.52		A	Maria m	-EXTAINE				4/3	2/97	W 74	
	13 • Orilled hole size		537-F-35		مرموري المستهون والمحرود	man proprietis	المراجد بالمراجد	·····	- I MARKET	· Charles	To Service	- Jana (مهرين منصوب		

2 7/8

•Est. % wash or hole enlargement

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

BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT #1113

FORMERLY

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

330' FNL & 1263' FEL Section 4, BLK. 54, T&P RR SPUD DATE:9/19/59 COMPLETION: 10/7/59 County: LOVING, STATE: TEXAS Drilling comments: EL:3100' DF GL: KB: 9' 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 : 4469' - 4476' 4488' - 4500' @ 2JSPF HOLE: 6 3/4" PBTD: 4574 4 1/2" 9.5# J-55 @ 4553' TD 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 SPUD DATE: 11/24/59 COMPLETION: 12/7/59

County: LOVING, STATE:	TEXAS	Drilling comments:
EL: 3098'		
GL: KB:		Completion Comments:
		RECOMPLETION DATE 5/14/96
		Well Type WIW
		No other information available in public records
		THE CARLET HINDANIAGON BY BABBLE 1900103
UOIS. 12 1/4"	0 5/07 22# anding @ 422!	
HOLE: 12 1/4"	8 5/8" 32# casing @ 433'	
1 1 1	cemented w/ 150 SXS	
	Circ / SURF	
1 1 1		
1 1 1		
1 1 1		
	TOC UNK	
		
		<u> </u>
		
	PACKER @ 4444'	
	2 3/8" TBG @ 4444"	
장네.		
	Delaware Perfs: 4490' - 4524'	
	-	
	000 @ 4553	
	PBD @ 4553	
HOLE: 6 3/4"	4 1/2" 9.5# @ 4586'	
TD 4586'	w/ 150 sx cement	
Fluid information:		
		

Type or print only

RAILROAD COMMISSION OF TEXAS Oil and Gas Division

Oil and Gas Division
4-1-97

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

			A	PI No. 42-301-00786	7. RRC District No.				
Oil Well Poten	8. RRC Lease No. 21246								
1. FIELD NAME (as per RR	9. Well No.								
El Mar (Delawa	1114 W								
3. OPERATOR'S NAME (E. Meridian Oil I	tor No. 2 109338	10. County of well site Loving							
4. ADDRESS	<i>y</i>				11. Purpose of filing				
P.O. Box 51810	, Midland, TX	79710-1810			Initial Potential				
If Operator has changed w	vithin the last 60 days, name	the former operator							
					Retest				
6a. Location (Section, Block 4 54	(, and Survey)		and direction to neares	•					
12. If workover or reclass, g	ive former field (with reserve	oir) & gas ID or oil lease ni	es north of ol GASID or	Oil - O WELL NO	Reclass				
FIELD & RESERVOIR	•	. •	OIL LEASE #	Gas - G	Well record only (explain in Remarks)				
13. Type of electric or other	r log run			14. Completion or recompletion 5/14/96	on date				
15. Date of test	Size & Type of pump)								
Test Period	Oil - BBLS	Gas - MCF	Water - BBLS	Gas - Oti Ratio	Flowing Tubing Pressure PSI				
20. Calculated 24-	Oil - BBLS	Gas - MCF	Water - BBLS	Oil Gravity - API - 60*	;				
Hour Rate					PS!				
1. Was swab used during th	is test? Yes No	22. Oil produced	1 prior to test (New &	Reworked wells)	23. Injection Gas-Oil Ratio				
INSTRUCTION within 30 days results of a pote back more than	after completing a well ential test within the 10 10 days before the W	and one copy of the cand within 10 days a day period, the effect	completed Form Value applied the application of the	W-2 in the appropriate Ist. If an operator does no llowable assigned to the c. (Statewide Rules 16 a fill in only the front side.	ot properly report the well will not extend and 51) To report a				
I declare under pe readings or (b) the above is true, con	e top and bottom gauges of e tect, and complete, to the bes	ach tank into which produc st of my knowledge.	tion was run during th	ducted or supervised this test by the test. I further certify that the	observation of (a) meter potential test data shown RECENTEXA AND Cort, that thin open was				
Signature: Well Tester Name of Company RRC Representative									
					MAY CG. TEXAS				
OPERATOR'S CI I declare under the prepared by me u knowledge.	e penalties prescribed in Sec	. 91.143, Texas Natural R lirection, and that data ar	esources Code, that I nd facts stated therein	am authorized to make this rep are true, correct, and comp	ort, that this aport was lete, to the best of my				
Donna Williams			Regulatory	dompliance \					
'yped or printed name of one 15-688-6943 Telephone: Area Code 1	· · · · · · ·	05 / 16 / 96	Title of Person	hi					
Telephone: Area Code 1	Number Date: r	no. day year	Signature						

SECTION II			DATA	ONW	ELL C	OMPLET	10.	AND L	OG (N	ot Requ	ure	d on Rese	et)						
24. Type of Complete	on New Wei		Deepeni		7	Plug Back			her			25. Perm	it to Di Back o			DATE		PERN	UT NO.
					 							Rule	37	 -				CA	SE NO.
26 Notice of Intentio	on to Drill this w	el! was	filed in Name	of							ļ	Exce	ption						
											ſ	Water injection							IIT NO.
												Pérn	nit		11/	30/9	3	F-1	182
27. Number of produ	icing wells on th	is lease	in		tal numl	per of acres						Salt '	Water I	Disposal				PERM	IT NO.
this field (reservoir) including this well in this lease 9.440																			
L					, -, .						_[Othe	ſ					PERM	IIT NO.
29. Date Plug Back, I Workover or Dril.		1	nmenced	Comp				to nearest ise & Rese											
Operations:		5/	8/96 į	5/14	/96														
31. Location of well, of lease on which			boundaries		; 3	30,		Feet	fom	North	 }			Line and	330	<u>0 , </u>		Feet fro	oren.
32. Elevation (DF, I					Ξ	ast w.	e dice	Line ectional sur	of the	_ 1 114	ir/	Delaw	vare	/Uni	t			Lease	
3098	NAB. KI, UK, I	<u></u>						lination (Υ	es	X	א [,		
34. Top of Pay 4490	4586		36. P. B. D. 4553	epth		rface Casin stermined b		Field [\neg	Recointr	nenc	lation of T	. D, W.	 R.		Dt. of	Latter		
LL		- 1				 -	اب	Rules				mmission	(Speci	ai)		Dt. of	Le::er		
38 Is well multiple of	completion?		multiple com r Gas ID No.	pletion, li	st 1!! (s)	servoir nam	es (co	ompletions		well) and (S ID or	ı Qi	Lease Oil-O 1	1.	/E1 1	40). Interv Driile		Rotary Fools	Cable Tools
Yes	X No			FIELD &	RESER	VOIR			OIL	LEASE	1	Gas-G		ELL /		by:			
41. Name of Drilling	Contractor								ļ		\perp				42	. Is Car Attach	nenting ed	Affidavi	
Pride									-		+-				}		Yes	X	No
43				(772	INC. RE	CORD (R	* DO 13	All Strin	05 541	in Wells							1 123		
CASINO SIZE WI WELL DEFIN SEL NOLESIZE COLUMN									LURRY										
18 5/8"	32#	433°					CEMENT (sacks) 150 SXS 12 1/4"				Circ			l Uni	cu. ft.				
4 1/2"	9.5#		4586		 		-		XS			3/4" Unk.					Uni		
1/2	<u> </u>		17300		 			100 0		-+	<u> </u>	<u> </u>		UIIK			1	<u>`</u>	
44.	·					LIN	FRE	RECORD											
Size			TOP				Bott				_	Sacks Cerr	nent		\neg		Scr	663	
																			
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45		11. C. D.	r::\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				1.:5	Produces	lates	. al /1h.e a		dation) la	dicate	leath of	nerfor	'ation 20	2002 h	ole	
			ECORD .		*********		<u> </u>	Producing		-41 (1.015 C)	unt	neuon) Iñ	UIC 2(5 (oyea a		
2 3/8"		Depth Se		4444	acker Se			From 4490' To 4524'											
<u> </u>	4444			4444	†		<u> </u>	From To											
								tom						То					
47.				A(`I	D. SHO	T, FRACT	URF	CEMFN	T SOI	ÆEZE. F	ETC								
	r	Depth In	terval					1					Kind o	f Materia	i Use	d			
Depth Interval 4490' - 4524' A							Amount and Kind of Material Used A w/2000 qls 155 Fercheck HCL acid + 1000 qls					als							
								brine		-55 10	-,								
	····			·				1											
48.		RMATI	ON RECORI			S OF PRIN	CIP	AL GEOL	OGIC				ORM	ATION '	IOPS		-		
Form	ations		 		epth					Format	uon	<u> </u>		+			Depth		
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BURLINGTON RESOURCES

EL MAR/DELAWARE/UNIT # 1123

FORMERLY UNK (NMOCD # ____, API# 42-301-00785)

Section Count	n 4, BLK 54, SURVE y: LOVING, STATE:	Y T&P	SPUD DATE: 9/26/59 COMPLETION: 10/1/59 Drilling comments:
	EL: GL: KB:		Completion Comments:
HOLE: 11"		8 5/8" 32# casing @ 493' cemented w/ 150 Circ	Well Type POW No other information available in public records
		TOC @ 3485'	
		2 3/8"@ 4513' 	
		-	
		PBD @ 4548'	
HOLE: 6 3/4	TD 4572'	4 1/2" 9.5 # @ 4572' w/ 150 sx cement	

RAILROAD COMMISSION OF TEXAS

Type or print only

Oil and Gas Division
3-21-97

				API No. 42-	42-301-00785	7. RRC District No) .
Oil Well Poten	tial Test, Comple	tion or Recompl	etion Report	, and Log		8. RRC Lease No. 21246	
FIELD NAME (as per RR	C Records or Wildeat)	2. LEASE	NAME			9. Well No.	
El Mar (Delaware)		El Mar	/Delaware/Uni	t		1123	
	xactly as shown on P-5, Or			perator No.		10. County of well	site
Burlington Resour	ces Oil & Gas Comp	Jany	109	338	· 	Loving	
ADDRESS						11. Purpose of filin	8
	lidland. TX 79710- within the last 60 days, name				 	Initial Potential	
	·					Retest	\boxtimes
Location (Section, Block	•	6b. Distan	ce and direction to n	earest town in th	s county.		
4 54	<u> </u>		<u>iles northwest</u>			Reclass	
If workover or reclass, gi FIELD & RESERVOIR	ive former field (with reserv	/oif) & gas ID of oil leas	OIL LEASE	1 - "	1	Well record only (explain in Rema	·ks)
3. Type of electric or other	log run			14. Compl	etion or recompleti		
····				1/22/	'97		
SECTION I: POTENT					.	ecified in field rule	es.
	16. No. of hours tested	Size & Type	nethod (Flowing, Gr		umping -	16. Choke size	
1/23/97 Production during	Oil - BBLS	Gas - MCF	Water - B	<u>pumping</u> BLS	Gas - Oil Ratio	Flowing Tubing Pr	
						1 05	
Test Period	Oil PRIS	57 Got MCF	35	191 6 (6)	Centity ABI 60:	85	PS
. Calculated 24-	Oil - BBLS	57 Gas - MCF	Water - E	IBLS Oil	Gravity - API - 60°		
					41.3	Casing Pressure 23. Injection Gas-Oil	
Hour Rate Was swab used during this	is test? Yes No	22. Oil produ	Water - E		41.3	Casing Pressure	PS PS
INSTRUCTION within 30 days results of a pote back more than	is test?	eturn to product and one copy of the l and within 10 day 0-day period, the ef V-2 was received in	ced prior to test (Ne ion completed For s after a potentia fective date of the District Of	m W-2 in the litest. If an one allowable fice. (Statew	e appropriate I perator does no assigned to the ride Rules 16 a	Casing Pressure 23. Injection Gas-Oil Ratio RRC District Office t properly report the content of the content	PS e.e.
I. Calculated 24- Hour Rate Was swab used during the REMARKS: Clean out INSTRUCTION within 30 days results of a pote back more than completion or re WELL TESTER'S I declare under pereadings or (b) the	Yes No No reacidize, and r S: File an original a after completing a well initial test within the 10 days before the V	eturn to product and one copy of the land within 10 day 0-day period, the ef V-2 was received in the sides of this form.	ced prior to test (Net ion completed For safter a potential fective date of the District Of To report a return courses Code, that I	m W-2 in the latest. If an one allowable fice. (Statewest, fill in only	e appropriate I perator does no assigned to the ride Rules 16 a y the front side.	Casing Pressure 23. Injection Gas-Oil Ratio RRC District Office t properly report the well will not extended the properly report of the	PS ee ee ee dd a
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INSTRUCTION within 30 days results of a pote back more than completion or results of the above is true, completed by the above	Yes No , reacidize, and r (S: File an original a after completing a wel- ential test within the 10 10 days before the V ecompletion, fill in both (S: CERTIFICATION enablies prescribed in Sec. 9 a top and bottom gauges of cect, and complete, to the best of the second	eturn to product and one copy of the land within 10 day 0-day period, the ef V-2 was received in h sides of this form.	ced prior to test (Net ion	m W-2 in the latest. If an one allowable fice. (Statewest, fill in only conducted or suring the test. I further RRC Representation are true, only Compliant	e appropriate I perator does no assigned to the ride Rules 16 ay the front side. pervised this test by their certify that the sentative	Casing Pressure 23. Injection Gas-Oil Ratio RRC District Office properly report the well will not extend the potential test data show the potential test data s	PS et

SECTION II		DAT	A ON WE	LL COM	PLETION	AND	LOG	(Not Requ	ired on R	eset)		
14 Type of Complete	on							25. Permit t Plug Ba	o Drill,	DATE	PER	MIT NO.
1	New Well	Deepeni	ng	Plug Back	ot	her		Deepen	CK OI,			
<u></u>								Rule 37			C	ASE NO.
25 Notice of Intentio	in to Drill this well w	vas filed in Name	ot					Exception	on			
								Water	njection		PER	MIT NO.
								Permit				
27 Number of produ this field (reservo	cing wells on this le or) including this we	ase in	28. Total nu in this l	mber of acres				Salt Wa	ter Disposal		PER	MIT NO
	•			9.440				Permit				
36 5 5 5								Other			PER	MIT NO.
29. Date Plug Back, I Workover or Drill	ling	Commenced	Completed		nce to nearest i Lease & Reser							
Operations:	į .	1/13/97	1/22/97									
31 Location of well	relative to nearest le	·										
	this well is located	ese poundaries	<u></u>	1650	Foet			North	Line and	990		
32. Elevation (DF, I	RKR RT GR FTC	1		East	Line of		e other	El Mar/D	elaware/	<u>Unit</u>	Lease	
		••		thar	inclination (V-12)?	- 00,01		Yes	X	o	
34. Top of Pay	35 Total Depth	36. P. B. D	· I	Surface Casing Determined by			D	andstine of T	w p	Dt. of	Letter	
4490	4572	4548		See miner by	Field Rules			endation of T.D. Commission (S		Dt. of	Letter	
38 Is well multiple o	completion? 39	. If multiple con	pleuon, list all	feservoir name	s (completions			On Lease	_ 	40. Inter	vals , Rotary	Cable
Yes [No	or Gas ID No.	FIELD & RESI	ervoir			ID or EASE	Gas-G	WELL	Driile by:	Tools	Tools
41 Name of Drilling	Contractor	· · · · · · · · · · · · · · · · · · ·				 		1		42. Is Ca	menting Affida	*11
V-10 E	V					 				Attac:	red?	ר
Yale E.	Key										Yes X	No
43.			CASING	RECORD (Re	port All Strin	35 Set in	Well)					
CASING SIZE	WT #FT.	DEPTI	1361	MULTISTAGE TOOL DEPTH	1	E AMOU		HOLE SIZE		OP OF EMENT	SLURR cu. f	Y VOL. t.
8 5/8"	32#	49	3'					11"	S	urf.	 	
4 1/2"	9.5#	457						6 3/4"		485		
										·		
								,				
44.												
Suze		TOP			R RECORD			5.1.6				
302		108			Bottom			Sacks Camer	<u> </u>		Screen	
												
				<u> </u>								
45	TUBING	RECORD		<u> </u>	46. Producing	Interval	l (this co	ompletion) Indic	ate depth of p	erforation of	open hole	
Sız:	Depth		Packer			190 · 4			To			
2 3/8"		13'	 		From	-50 -4	+520		To			
2 3/ 0					From			·	То	······································		
		 		- 	From				То			
27			ACID, SI	HOT, FRACT	URE, CEMEN	T SQUE	EZE. E	TC.				
	Depti	nterval						Amount and Ki				
400 '- 436 '								csg w/300				
4490 - 4520 -					A w/3	000 g	ls 19	5% HV-60 +	+ 500# rc	ck salt		
<u> </u>												
48	พายน	ATION RECOR	O // IST DEPT	HS OF PRIN	CIPAL GEOL	OCICAI	MAP	KERS AND EO	RMATION T	OPSI		
Form			Depth Depth				Formati		1	3.3,	Depth	
1 3000			2 - F - 11									
												
												
REMARKS Cle	aned out so	nieezed ho	le reació	dized &	returned	to pr	roduc	tion				
	· · · · · · · · · · · · · · · · · · ·			<u> </u>	. C 54) 11EU	<u> </u>		· <u> </u>				

.

EL MAR/DELAWARE/UNIT #1211 FORMERLY

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

Section 3, BLK. 54,	T&P RR	SPUD DATE:10/10/59 COMPLETION: 10/20/59
County: LOVING, STA	TE: TEXAS	Drilling comments:
EL: 3085' GL: KB: 10	,	Completion Comments:
HOLE: 12 1/4"	8 5/8" 24# J-55 casing @ 532'	Well Type POW No other information available in public record
	cemented w/ 250 Circ/SURF	
	TOC @ 3555'	
	PUMP: 2" X 1 1/2" X 12' RODS: 161 - 3/4"	
	2 3/8" tubing @ ?'	
	Delaware Perfs :4512' - 4534' 4540' - 4550'	
HOLE: 6 3/4" PBTD: 4574 TD 4608'	4 1/2" 9.5 # J-55 @ 4609' w/ 180 sx cement	

EL MAR/DELAWARE/UNIT # 1212W

FORMERLY UNION ROYALTY, INC, UNIT #1212W (NMOCD # ____, API# 42-301-00394)

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

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

Drilling comments: EL: GL: KB: 10.2' Completion Comments: Well Type WIW No other information available in public records HOLE: 12 1/4" 8 5/8" 24# J-55casing @ 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 4 1/2" 9.5 # @ 4664' TD 4665' w/ 130 sx cement

R.	AILROAD COMMIS	SSION OF TEX	(AS	/
Type or print only	Oil and Gas	Division		Form W-2
To(n) Enception Octed	*		12	Rev. 4/1/83
2	i ∵. ⊇ 14			
Sunface Caping	15. 3 14	14 A	PI No. 42-301-00394	7. RRC District No.
	ita.	1 ()		8. RRC Lease No.
D. Yoif Well Potential Test, Comp	letion of Reco	mpletion F	Report, and Log	8. RRC tease No. 21246
1. FIELD NAME (as per RRC Records or Wildcat)	2. LEASE NAME			9. Well No.
El Mar (Delaware)	El Mar	/Delaware	:/Unit	1212W
3. OPERATOR'S NAME (Exactly as shown on Form P-5. O		RRC Oper		10. County of well site
Union Royalty, Inc.		876	825	Loving
4. ADDRESS				11. Purpose of filing
500 W. Texas, Suite 1460,		79701		Initial Potential
5. If Operator has changed within last 60 days, name form	ner operator			
6a. Location (Section, Block, and Survey)	Eb Distance	nd direction to mean	rest town in this county.	_ Retest
•	ı		•	
Sec. 3, Blk. 54, T&P RR 12. If workover or reclass, give former field (with reservoir)		GAS ID or	of Mentone	Reclass 🔼
FIELD & RESERVOIR		OIL LEASE *	Cas · C	Well record only
El-Mar-(Delaware) Sand				(explain in Remarks)
13. Type of electric or other log run			14. Completion or recompleti-	on date
L			2/7/94	
SECTION I: POTENTIAL TEST DATA IM	PORTANT: Test sh	aould be for 24	hours unless otherwise	specified in field miles
15. Date of test 16. No. of hours tested		od (Flowing, Gas LII	ft, Jetting, Pumping—	18. Choke size
19. Production during Oil - BBLS	Gas — MCF	Water - BBLS	Gas · Oil Ratio	Flowing Tubing Pressure
Test Period				PSI
20. Calculated 24- Oil - BBLS	Gas - MCF	Water - BBLS	Oil Gravity-API-60°	Casing Pressure
Hour Rate		·		PSI
Was swab used during this test? Yes No No	22. Oil produced	d prior to test (New	Reworked wells)	23. Injection Gas—Oil Ratio
REMARKS:				
Declara form 14 (1) (2)			•	
Reclass from 14 (b)(2) to				
INSTRUCTIONS: File an original and or 30 days after completing a well and wi results of a potential test within the 10-back more than 10 days before the W-completion or recompletion, fill in both	thin 10 days after a day period, the effect 2 was received in the	potential test. I ive date of the al e District Office	f an operator does not pr lowable assigned to the we c. (Statewide Rules 16 and	operly report the ell will not extend d 51) To report a
WELL TESTER'S CERTIFICATION I declare under penalties prescribed in Sec. 91.143 readings or (b) the top and bottom gauges of each to above is true, correct, and complete, to the best of	ank into which production	s Code, that I conduc n was run during the	cted or supervised this test by obtest. I further certify that the pot	ential (est data shown
Signature: Well Tester	Name	of Company	RRC Representative	
OPERATOR'S CERTIFICATION I declare under penalties prescribed in Sec. 91.143. by me or under my supervision and direction, and	Texas Natural Resources (I that data and facts state	Code, that I am authored therein are true.	orized to make this report, that the correct, and complete, to the bes	is report was prepared st of my knowledge.
T. N. McKnight, Jr.			resident /	
Vped or printed name of operator's representative	2/04/2:	Title of Person	en anith	/
	03/04/94	Sign	21. J.11. 1/1V	
Telephone: Area Code Number Date: mo.	day year	Signature	//	

PEC ION II			DAT	A ON WELL	COMPLETIO	מתג מ	LOG IN	ot Requ	itred o	n Retest)						
24. Type of Comp	letion:									25. Permi			DATE		PERM	IT NO.
	New Well		Deepeni	ne 🗌	Plug Back		Oth	er []	Deep	Back or					
	new wen		Бесрен	1.6 L	ring ran n		0111	`	_1	Rule	37				CAS	SE NO.
26. Notice of Inter	ntion to Drill th	is well	was filed in	n Name of					·	Exce	tion					
										Wate	Injecti	on			PERV	IIT NO.
										Perm	it			F	118	8.2
27. Number of pr	oducing wells or	n this i	ease in	28. Total n	umber of acr	res				Sait V	Vater D	Isposal				IIT NO.
this field (res	ervoir) including	this w	rell	in this		,				Perm						
										Othe					0001	UT NO
00 5 1 20 10										- Otne	ſ				PERM	IIT NO.
29. Date Plug Bac WorkOver or D		Con	nmenced	Complete	1 -		o nearesi e & Rese									
Operations:	,g	ļ 1		l]	Juli		. .									
		<u></u>		<u> </u>						1						
31. Location of we	il. relative to nea ich this well is k		ise boundar	les :			Feet F	rom			Lir	e and		F	cet (ro	ın
of lease off with	ich this well is it	ocated					Line o	f the						l	ease	
32. Elevation (DF.	RKB, RT. GR. E	TC.)					tonal sur			er [٦					
					tha	.n Inc:li	nation (F	orm w-	12)		Yes		∐ No			
34. Top of Pay	35. Total Dep	oth	36. P. B. D	epth 3°	7 Surface Ca			7							_	
	4665	}			Determine	- 1	Teld [_ Rules	11		endation of			Dt. of L			
38. Is well multiple		39. If	multiple cor	npletion list	all reservoir					Commissio			40. Interva		lotary	Cable
	p	or	Gas ID No.				compile	GAS	ID or	011-0	WE	LL	Drilled		rools	Tools
			1	FIELD & RE	SERVOIR			OIL LE	EASE *	Cas-C	•	' i	יאמ	!		
41. Name of Drilli	ng Contractor	 								 			42. Is Cerr	enting	AMda	vit
	•												Attach			
					·			·		 				Yes		No
43.		!		CASINO	RECORD (F	Report	All Strip	de Set	in Well	1					_=	
			Τ		MULTISTAC		TYPE &					~~~	POF		URRY	1/0/
CASING SIZE	: Wτ *.	/FT.	DEPTI	4 SET	TOOL DEPT	i i		NT (sac)	- 1	HOLE SI	ZE		MENT	31	cu. N	
8 5/8		4#		28						12	- / /					
$\frac{3}{4} \frac{3}{1/2}$	9.			64			nkno		<u>250</u> 130		L / 4 3 / 4		rf.		<u>nkn</u>	
- 1/2		J #	- 40	04		10	<u>nkno</u>	WII	134	0	3/4	38	10	<u> </u>	nkn	<u>own</u>
l 			 				,									
			L											L		
44.					LIN	VER RE	CORD									
Size			TOP		Ţ	Botto				Sacks Co	ment		I	Scree		
													 			
								-								
					<u> </u>								L			
45.	TUB	ING RE	CORD			46. P	roducini	o interv	al (this	completion) Indic	ate depth	of perfora	tion or	open l	nole
Size		Depth S		Pack	er Set	Fron	`	<u> </u>				To				
2 3/8		437			40	From		<u>450</u>	<u> </u>			To	4650			
2 3/0		* J /			: -1 U	From						To				
	- 					Fron						To				
						1	··-									
47.				ACID. SI	HOT, FRACTI	URE. CI	EMENT	SOUEF	ZE. ET	·C.						
		Depth Ir	nterval							Amount ar	d Kind	of Mater	tal Lised			
		1														
																
																
					· 	1_										
48.	FO	RMATIC	N RECORD	(LIST DEP	THS OF PRIN	CIPAL	GEOLOX	CICAL N	MARKF	RS AND FO	KMATI	ON TOP	5)			
	mations			Depth					ormatic			<u> </u>		epth		
																
			 													
			 													
DEMARKS																
REMARKS																
																
																
												··				

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:		Drilling comments:
EL: GL: KB:		Completion Comments:
HOLE: 12 1/4"	8 5/8" 24# casing @ 530' cemented w/ 250 Circ SURF	Well Type POW No other information available in public records
	TOC @ 3720'	
	PACKER @ 44 53'	
	CIBP @ 4489' 2 3/8" tubing @ 4574' Delaware Perfs @ 4549' - 4634'	
P. Carlo	PBD @ 4650'	
HOLE: 7 7/8" TD ' @ 4689'	4 1/2 * 9.5# @ 4689' w/ 130 sx cement	

FL MAR Type or print only

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

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

				12 001 00100	17. RRC District No.		
			A	PI No. 42- 301-80188	- 08		
Oil Well Potential Tes	t, Completion	or Recomplet	tion Report, an	id Log	8. RRC Lease No. 21246		
FIELD NAME (as per RRC Records	or Wildcat)	2. LEASE NAT	ME		9. Well No.		
El Mar (Delaware)		E1 Mar/0	Delaware/Unit	, •	1213		
OPERATOR'S NAME (Exactly as sh	own on P-5, Organizati	on Report)	RRC Operat	tor No.	10. County of well site		
Burlington Resources	UTI & Gas Co	mpany	109338	3	Loving		
ADDRESS					11. Purpose of filing		
P.O. Box 51810, Midl If Operator has changed within the la	and, IX 79/1	.0 - 1810			Initial Potential		
		rmer operator					
Meridian Oil Inc. (5 Location (Section, Block, and Surve	6A)	6b. Distance	and direction to neares	t town in this county.	_ Retest		
54	T & P RR	1	les northwest	•	Reclass		
. If workover or reclass, give former		gas ID or oil lease n	o. GAS ID or	Oil - O WELL NO.			
FIELD & RESERVOIR			OIL LEASE #	Gas - G	Well record only (explain in Remarks)		
3. Type of electric or other log run				14. Completion or recompleti	on date		
	 _		·	7/10/96			
ECTION I: POTENTIAL TE	ST DATA IM:	PORTANT: Tes	st should be for 24	hours unless otherwise sp	pecified in field rules.		
	of hours tested	17. Production met	thod (Flowing, Gas Life		18. Choke size		
8/26/96 24		Size & Type of	_	x1.5"x24'			
. Production during Oil -	BBLS	Gas - MCF	Water - BBLS	Gas - Oil Ratio	Flowing Tubing Press		
Test Period	1	0	250	N/A	100		
L	BBLS	Gas - MCF	Water - BBLS	Oil Gravity - API - 60	-		
Hour Rate Was swab used during this test?		22 Oil produce	d prior to test (New &	Pawarkad walls)	70 F 23. Injection Gas-Oil		
-	Yes No X	((a bilot to test (ivem or	Keworked wells)	Ratio		
REMARKS:		None			 		
within 30 days after con results of a potential test back more than 10 days completion or recompletion. WELL TESTER'S CERTIFI I declare under penalties pre	npleting a well and t within the 10-day before the W-2 vion, fill in both side and the control of the control o	within 10 days a period, the efferwas received in the est of this form. Texas Natural Resounds into which produces the est of the e	after a potential test to date of the a the District Office To report a retest,	W-2 in the appropriate st. If an operator does not allowable assigned to the control of the cont	ot properly report the well will not extend and 51) To report a		
within 30 days after comresults of a potential test back more than 10 days completion or recompletion. WELL TESTER'S CERTIFIE declare under penalties pre readings or (b) the top and b	npleting a well and t within the 10-day before the W-2 vion, fill in both side and the control of the control o	within 10 days a period, the efferwas received in the est of this form. Texas Natural Resount into which product in the wholedge.	after a potential test to date of the a the District Office To report a retest,	st. If an operator does not allowable assigned to the confidence (Statewide Rules 16 a fill in only the front side ducted or supervised this test by	ot properly report the well will not extend and 51). To report a control of (a) meter a potential test data shown		
within 30 days after conresults of a potential test back more than 10 days completion or recompleted. WELL TESTER'S CERTIFI I declare under penalties pre readings or (b) the top and be above is true, correct, and control to the second contro	npleting a well and t within the 10-day before the W-2 vion, fill in both side and the control of the control o	within 10 days a period, the efferwas received in the est of this form. Texas Natural Resount into which product in the wholedge.	after a potential testorive date of the athe District Office To report a retest, surces Code, that I contection was run during the	st. If an operator does not allowable assigned to the confidence of the confidence o	ot properly report the well will not extend and 51). To report a control of (a) meter a potential test data shown		
within 30 days after comresults of a potential test back more than 10 days completion or recompleted. WELL TESTER'S CERTIFI I declare under penalties pre readings or (b) the top and b above is true, correct, and considerable with the second consid	npleting a well and twithin the 10-day before the W-2 vion, fill in both side and twithin the 10-day before the W-2 vion, fill in both side and the scribed in Sec. 91.143, notion gauges of each tax complete, to the best of many complete, the many complete many complete, the many complete m	within 10 days at period, the effer was received in the est of this form. Texas Natural Resourch into which product in the which product in the wholedge. Natural Resourch in the product in the which product in the which product in the wholedge.	after a potential test to date of the a the District Office To report a retest, surces Code, that I condition was run during the arms of Company	st. If an operator does not allowable assigned to the confidence of the confidence o	y observation of (a) meter potential test data shown		
within 30 days after comresults of a potential test back more than 10 days completion or recompletion of recompletion or recom	npleting a well and twithin the 10-day before the W-2 vion, fill in both side and twithin the 10-day before the W-2 vion, fill in both side and the scribed in Sec. 91.143, notion gauges of each tax complete, to the best of many complete, the many complete many complete, the many complete m	within 10 days at period, the effer was received in the est of this form. Texas Natural Resourch into which product in the which product in the wholedge. Natural Resourch in the product in the which product in the which product in the wholedge.	after a potential test ctive date of the a the District Office To report a retest, surces Code, that I condition was run during the ame of Company Resources Code, that I and facts stated therein	st. If an operator does not allowable assigned to the control of t	y observation of (a) meter potential test data shown		
within 30 days after comresults of a potential test back more than 10 days completion or recompleted. WELL TESTER'S CERTIFI I declare under penalties pre readings or (b) the top and be above is true, correct, and considerable with the second consi	inpleting a well and the within the 10-days before the W-2 within the 10-days before the W-2 with the work of the within the work of the within the within the work of the wor	within 10 days at period, the effer was received in the est of this form. Texas Natural Resourch into which product in the which product in the whowledge. Natural Resourch in the product in the which product in the which product in the whole in the w	after a potential test ctive date of the a the District Office To report a retest, surces Code, that I condition was run during the ame of Company Resources Code, that I and facts stated therein	st. If an operator does not allowable assigned to the control of t	y observation of (a) meter potential test data shown		

SECTION II			DAT	A ON W	ELLC	COMPLETIO	ON AND LO)G (N	iot Requi	red on Reset)			
24. Type of Completi	on.								<u>·</u>	25. Permit		DATE	PERMIT	NO.
					\neg					Plug B				
(New We	[]	Despeni	ng L		Plug Back	O _t	her		Deeper			CASE	
26 Notice of Intentio	on to Drill this v	vell was	filed in Name	of						Rule 3			CASC	. 140
				***						Except				
										Water	injection		PERMIT	i no.
										Permi	t			
27. Number of produ this field (reserve	icing wells on the	his lease	າກ		tal num this lea	iber of acres				Salt W	ater Disposal		PERMIT	TNO.
1	on, memang u				1 (1112 162					Permi	t.			
						9,440				Other			PERMIT	TNO.
29. Date Plug Back,	Despening,	Con	nmenced	Com	pleted		ce to nearest v			7				
Workover or Drill Operations:	ling	6/	29/96	7/10	106	Same	Lease & Reser	1100						
,		1 07	23/30	// 10	11 90									
31. Location of weil.			boundaries		7	64	Foot 1	rom	North		Line and	1980'	Feet from	
of lease on which	this well is loc	ated				ast		of the		r/Delaw		1000	Lease	
32. Elevation (DF,	RKB, RT, GR,	ETC.)			_1	33. Was o	irectional sur		ade other	1700104	<u> </u>			
						than	inclination (V-12):	?		Yes	X	0	
34. Top of Pay	15 Total D		76 B B S			<u> </u>								
4549	35. Total De 4689°		36. P. B. D 4650'	ebru		urface Casing Determined by:	Field [¦	Recomm	endation of T.	D.W.R.	Dr. 01	Loner	
1							Rules	ij	Railroad	Commission		Dt. o	f Letter	
38. Is well multiple	completion?	39. 10	multiple com	pletion,	ist all re	servoir names	(completions					40. Inter	4413	Cable #
	χ _{No}	0	r Gas ID No.	FIELD &	. 0 =	evore		G	AS ID or LEASE	Oil-0	WELL	Driill by:	ed Tools	Tools
Yes	No			PIELD 8	KESE!	KVOIK		""	LEASE	Gas-G	,	, ,,,	1 1	
41. Name of Drillin	g Contractor							1-		+		42. Is Ca	menting Affidavit	
Pride	-							+-		 		Attaci	hed?	
11146		 						╁		 		\dashv \vdash	Yes X	No
43.		L		12.4	211/61 0	50000 10		ــِـــ					<u>, L.</u>	
				CA		ECURD (Rep			——-т				т	
CASING SIZE	WT	#/FT.	DEPT	H SET	i	ULTISTAGE	TYPE			HOLE SIZ	E	TOP OF CEMENT	SLURRY V	/OL.
0.5.00	- 10:"		-		- I	COL DEPTH			(Sacks)					
3 5/8"	24#		530'				Unk s			12 1/4"	Sur		Unk.	
4 1/2"	9.5#		4689		1		Unk s	XS		7 7/8"		@37207	Unk.	
			ļ						1				1	
L					<u> </u>					<u>.</u>				
44,						LINE	R RECORD							
Size			TOP				3ottom			Sacks Cem	ent		Screen	
45.	Tii	BING R	ECORD				46. Producin	g Inter	rval (this c	ompletion) Inc	licate depth of	f perforation o	r open hole	
Size		Depth Se			Packer S								<u> </u>	
							From 454 From	9				4634'		
2 3/8"	4574	†		445	<u>ა</u>		From				T			
	-+			 -			From							
							• 10/10				T			
47.							IDD 35	um C :						
ļ				AC	.tD, SH	OT, FRACTI	JRE, CEMEN	VT SQ	ULEZE, I					
		Depth In	iterval							Amount and		rial Used		
CIBP@ 4489		cmt					Drla	t oi	ut to		PBTD)			
4549' - 4634							A W	<u>/30</u> (00 g1s	15% HV	1-60 ac	<u>id + 10</u>	00 gls ge	<u> </u>
brine													=	
														
48.	F(RMAT	ION RECOR	D (LIST	DEPT	HS OF PRINC	IPAL GEOL	.OGt	CAL MAR	KERS AND F	ORMATIO	TOPS)		
Form	ations		T		Depth				Forma	tions			Depth	
			 				 				-+			
			+											
														
DEMARKS			ــــــــــــــــــــــــــــــــــــــ											
REMARKS														
Cleaned out	. wellbo	re a	na retu	rned	to	product	10n							
									·					

EL MAR/DELAWARE/UNIT # 1214W FORMERLY UNION ROYALTY, INC

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

664' FNL & 660' FEL Section 3, BLK. 54, T & P RR SPUD DATE: 8/17/59 COMPLETION: 9/3/59 County: LOVING, STATE: TEXAS Drilling comments: EL: GL: KB: Completion Comments: Well Type TA (INJ) No other information available in public records HOLE: 12 1/4" 8 5/8" 24# casing @ 524" cemented w/ 275 Circ/ SURF. TOC @ 3940" 2 3/8"tubing @4495' PACKER @ 4498' Delaware Perfs @ 4528' - 4678' HOLE: 6 3/4" 4 1/2" 9.5# @ 4705' TD 4705' w/ 130 sx cement

		RAILRO	AD COMM	AISSION (OF TEX	KAS		
Type or print only 13(A) Sucception Ca	10.2		Oil and G	as Division	n			Form W-2 Rev. 4/1/83 483-046
Tay Coop Can 12		ਜੰ ਦ.	₹	8.14.2V	, [A	Pl No. 42	-310-00388	7. RRC District No.
								08
D.Y.Od Well Poten	itial Test, Cor	<u>npletio</u>	n or Rec	complet	ion F	Report	, and Log	8. RRC Lease No.
1. FIELD NAME (as per RRC F	Records or Wildcall		2. LEASE NA	ME.				21246 9. Well No.
El Mar (Dela			El Ma	r/Dela	ware.	/Unit		1214W
3. OPERATOR'S NAME (Exact		5. Organizati			RRC Oper			10. County of well site
Union Royalty	y, Inc.				876	6825_		Loving
4. ADDRESS								11. Purpose of filing
500 W. Texas				X 7970	1			Initial Potential
5. If Operator has changed wi	thin last 60 days, name	former opera	itor					
6a. Location (Section, Block, a	and Survey)		6b Distanc	e and directle	on lo near	rest town to	n this county.	Retest
Sec. 3, Blk.	•		1	les No			•	I Realise
12. If workover or reclass, give		oir) & gas ID		GAS I	D or	011.0	WELL NO.	Reclass
FIELD & RESERVOIR				OH, LEZ	ASE *	Gas G		Well record only
El Mar (Dela						l		(explain in Remarks)
13. Type of electric or other log	t run					14. Con	ipletion or recompleti	on date
\						1	2/7/94	
15. Date of test 19. Production during Test Period 20. Calculated 24- Hour Rate	Oil - BBLS	17. Gas -	Production me Size & Type o - MCF	ethod (Flowin of pump) Wate		ft, Jetting.		1
Was swab used during this			22. Oil produ	iced prior to i	est (New	& Reworks	ed wells)	23. Injection Gas—Oil
	Yes No	<u> </u>						Ratto
REMARKS: Reclass from	14 (b)(2)	to act:	ive inj	ector				
30 days after cor results of a poter back more than	: Filean original an impleting a well and ntial test within the 10 days before the ecompletion, fill in	l within 10 10-day per W-2 was i	O days after riod, the effe received in	a potentia ective date the Distric	al test. I of th e al ct Office	If an ope llowable e. (State)	rator does not pr assigned to the w wide Rules 16 an	operly report the ell will not extend d 51) To report a
readings or (b) the top	RTIFICATION (ties prescribed in Sec. 9 p and bottom gauges of e , and complete, to the bo	ach tank into	which product					
Signature: Well Tes	ter		Na	ame of Compa	any	RRC Rep	resentative	
L						·		
by me or under my s	FICATION ttes prescribed in Sec. 91 supervision and direction				are true.		nd complete, to the be	

03/04/94

year

day

ped or printed name of operator's representative

Number

Date:

mo.

(915) 686-1991 Telephone: Area Code Numbe

SEUTION II			DAT	A ON WE	LL COMP	LETION A	ND LOG (No	t Require	ed or	n Retest)				
24. Type of Comp	letion:									25. Permit Plug Ba	ck a	111. r	DATE	PERMIT NO
	New We	en []	Deeper	ning 🔲	Plug	Back	Othe	ر <u>ا</u>		Deepen				
										Rule 37	,			CASE NO
26. Notice of Inter	ntion to Drill	this well	l was filed	in Name o	lf.					Excepti	on			
										Water I	nject	lon		PERMIT NO
										Permit				F 1182
7. Number of pr	oducing wells	on this	lease in	28 Tota	estmon f	of acres				Salt Wa	uer [Disposal		PERMIT NO
this field tres	ervoir) includi	ng this	well	in th	its lease					Permit				
										Other				PERMIT NO
29. Date Plug Bac WorkOver or D Operations:		Co	mmenced	Comp	leted 3		e to nearest ease & Rese							
31. Location of we	ell. relative to r	nearest le	ase bounda	i	<u> </u>	· 	Fret Fr	om			Li	ne and		Feet from
of lease on wh							Line of							Lease
32. Elevation (DF,	, RKB. RT. GR.	ETC.)			3		rectional sur- ichnation (Fo			er	Yes	6	☐ No	
34. Top of Pay	35. Total D	epth	36. P. B. D	Xep1h		ace Casing		Recor	nıme	endation of T.	D.W	R. C	Dt. of L	æller
	4705						Rules	J (Commission			Dr. of t	
38. Is well multipl	le completion?				list all res	ervotr nac		ions in th	nis w	rell) and Oil I.			40. Interva	als Rotary Cabl
:		01	r Gas ID No	FIELD & I	RESERVO	3414		GAS ID OII, LEAS		1	W	ELI.		Tools Tool
1. Name of Drilli	ng Contractor													nenting Affidavii
										 			Attach	
														Yes No
13.				CAS	NG RECO	ORD (Repo	ort All String	s Set in	Well	<u> </u>				
CASING SIZE	: wī	*/F1.	DEPT	H SET		CISTAGE DEPTH	ì	AMOUNT T (sacks)	1	HOLE SIZE	:	1	OP OF MENT	SLURRY VOL.
8 5/8	2	4#		524			Unkno	wn 2	75				Unknown	
4 1/2		5#		705			Unknown 130 6 3/4				39		Unknown	
			<u> </u>				<u> </u>			 		L		
14.							RECORD							
Size			TOP			B0	ottom			Sacks Cem	eni		 	Screen
													 	
45 .		JBING RI	FCOPD			1 40	Denduses	}nt==-1 :	1032-	onmalere and	lad.		h of newfare	Mon or ones belo
Size				n-	cker Set					completion	111010	<u>_</u> _		ition or open hole
		Depth :					roin	452	8			To To	46	/ <u>V</u>
2 3/8		4495		4	<u>498</u>		rom					To		
							rom					To		
							rom					То		
47.				ACID.	SHOT. F	RACTURE	CEMENT S	QUEEZE	ET	c.				
		Depth I	Interval				-			Amount and	Kind	of Mate	rial Used	
							 							·
							 							
							1							
														
48.		ORMATI	ON RECOR			F PRINCIP	AL GEOLOG			RS AND FOR	MAT	ION TOP		
For	rmations			Dep	oth		 	Forn	natio	ons		 		Depth
							 							
			 				 					 		
							<u> </u>					<u> </u>		
REMARKS														
														
														

EL MAR DELAWARE UNIT # 1221W

FORMERLY UNION ROYALTY

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

1992' FNL & 660' FWL Section 3, BLK. 54, T & P RR SPUD DATE: 9/1/59 COMPLETION: 9/12/59 County: LOVING, STATE: TEXAS Drilling comments: EL: GL: KB: Completion Comments: Well Type CIW No other information available in public records HOLE: 12 1/4" 8 5/8" 24# casing @521' cemented w/ 250 TOC @ 4010' (CAL) PACKER @ 4410' 2 3/8" tubing @ 4410' Delaware Perfs 4512' - 4550' CIBP @ 4575' W/10' CMT ON TOP PBD @ 4610' 4 1/2" 9.5 # @ 4644' HOLE: 6 3/4" TD 4644 w/ 130 sx cement

Type or print only

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

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

		17	<i>53</i> 3 🖪	Pr.No. 42 201 (24.2)	7. RRC District No.
			 	PINO. 42-301 - 8010	08
Oil Well Poter	ntial Test, Compl	etion or Recompl	etion Report, as	nd Log	8. RRC Lease No. 21246
I. FIELD NAME (as per RI	RC Records or Wildcat)	2. LEASE N	IAME		9. Well No.
EL MAR (DELAWA			/DELAWARE/UNI	Γ	1221W
3. OPERATOR'S NAME (E MERIDIAN OIL I		rganization Report)	RRC Opera 56113		10. County of well site LOVING
4. ADDRESS					11. Purpose of filing
P.O. Box 51810	0, Midland, TX	79710 - 1810			Initial Potential
5. If Operator has changed	within the last 60 days, nan	ne the former operator			
UNION ROYALTY 6a. Location (Section, Bloc	k and Survey)	L6h Distance	e and direction to neare:	et town in this county	Retest
3 54	•	l l	ILES NORTH OF	•	Reclass
12. If workover or reclass,	give former field (with rese	rvoir) & gas ID or oil lease	no. GAS ID or	Oil - O WELL NO	 !
FIELD & RESERVOIR			OIL LEASE #	Gas - G	Well record only (explain in Remarks)
13 Type of electric or othe	er log run			14. Completion or recomple	tion date
<u> </u>				7/28/95	· · · · · · · · · · · · · · · · · · ·
SECTION I: POTEN	TIAL TEST DATA	IMPORTANT: T	est should be for 24	hours unless otherwise	specified in field rules.
15. Date of test	16. No. of hours tested		nethod (Flowing, Gas Li		18. Choke size
		Size & Type	of pump)		
19. Production during Test Period	Oil - BBLS	Gas - MCF	Water - BBLS	Gas - Oil Ratio	Flowing Tubing Pressure
20. Calculated 24-	Oil - BBLS	Gas - MCF	. Water - BBLS	Oil Gravity - API - 60	Casing Pressure
Hour Rate		<u> </u>	<u> ` </u>		Po
21. Was swah used during th	his test?	1 1 1 -	ced prior to test (New &	Reworked wells)	23 Injection Gas-Oil Ratio
REMARKS		<u> </u>			L
	ell. Set CIBP a	bove lower per	fs		
within 30 days results of a pot back more than	after completing a we ential test within the 1 10 days before the	ell and within 10 days 10-day period, the eff W-2 was received in	s after a potential te fective date of the a the District Office	W-2 in the appropriate st. If an operator does rullowable assigned to the content of the fill in only the front side.	not properly report the e well will not extend and 51). To report a
I declare under p readings or (b) th		Feach tank into which proc		ducted or supervised this tost he test. I further certify that th	
Signature: Wel	l Tester		Name of Company	RRC Representative	100 33
				· · · · · · · · · · · · · · · · · · ·	•
I declare under th	ERTIFICATION ne penalties prescribed in Si under my supervision and	ec. 91.143, Texas Natural I direction, and that data	Resources Code, that I and facts stated therei	am authorized to make this non are true, correct, and com	eport, that this report was uplete, to the best of my
DONNA WILLIAMS			REGULATORY	COMPLIANCE _	
Typed or printed name of	operator's representative		Title of Person	/	
915-688-6943		08 / 25 / 95		/u	
Telephone: Area Code	Number Date:	mo. day year	Signature	_	

TO THE PARTY OF TH		- Dia	. 08: 11.00	II COMPLETE	<u> </u>						() L
SECTION II		DAL	A UN WE	LL COMPLETI	ON AND LC	(Not Keq	25. Pern		ul.	DATE	PERMIT
1 Tobs of Completion		}	_	1		[▼]	1	Back or			
	New Weil	Despeni	ng L	Plug Back	Oti	ier A	Ruie				CASE
25. Nouge of Intention :	o Drill this well was	s filed in Name	ા				Exc	eption			
TXL Corporat	ion						Wai	er inject	:on		PERMIT
INE corporat	,1011						Per	mit			F-118
17 Number of produces this field "reservent!	ng weeks on this least	e 3		i number of acres			Salt	Water [Disposal		PERMIT
my new tere. or or	. Meaning and wen			9,440			Per	mt			
				·		 .	Oth	er			PERMIT
 Date Play Back, Dal Workswer or Drilling Operations 	4	/26/95	Comple 7/28/	Same	nce to nearest v Lease & Ruser						
21 Location of well to of lease on which th		se Soundaries	<u> </u>	1992	Foet f	MULL	 h		rue and	660	Fact from
				West			ar/Dela	ware	/Unit		Loase
32 Energian (DF RK				thar	directional sur inclination (V] Y	zs.	X	
	5 Total Dieth	4610°		37. Surface Casing Determined by	Field Rules	Ratiro	imendation of ad Commission			0. 1	Letter
38 Is well multiple con		If multiple con or Gas ID No.	aplation, list	all reservoir name	s (completions	in this well) ai				to Interv Drots	
Y., X	385		FIELD & F	RESERVOIR		OIL LEASE			ELL	, n	··
41 Name of Driving C	Contractor							 		42 Is Cer Attach	nenting Affidavit ed?
PRIDE											Yes X
43			CASE	NG RECORD (Re	nort All String	Set in Well	<u> </u>			<u> </u>	<u> </u>
CASING SIZE	WT #FT	DEPI	H SET	MULTISTAGE TOOL DEPTH	TYPE 8	AMOUNT ENT (sacks)	HOLE S	IZE		UP OF EMENT	SLURRY V
8 5/8"	24#	521			250 s	XS	12 1/4	и ,	Unk.		Unk.
4 1/2"	9.5#	4644			130 s		6 3/4"			(Cal)	Unk.
·					·						
	<u> </u>						<u> </u>		<u> </u>		<u> </u>
44				1177	ER RECORD	 					
Size		TOP			Bottom		Sacks C	ment			Screen
											
····										 	 _
45	TUBING				46. Producing		completion)	Indicate			open hole
Size	Depth 3	Set		cker Set	From 451	<u>2'</u>				1550' (<u>Injectior</u>
2 3/8"	4410'		4410		From				To To		
	 		 		From				To		
											
17			ACII	. SHOT, FRACT	URE, CEMEN	T SQUEEZE,	ETC.				
	Depth 1	Interval					Amount an	d Kind o	[Material	U šed	
4575`					Set	CIBP w/	10' cmt	on	top.		
											
											
											
48.	FORMA	TION RECOR	D (LIST D	EPTHS OF PRIN	CIPAL GEOL	OGICAL MA	RKERS AND	FORM	ATION T	OPS)	
Formati	ons		De	brp		Form	ations				Depth
									 		
DEMARKS T.	0+10= -13										
REMARKS In je	ccion wel	<u>. </u>					 .				
							 				
	· 										
											

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 SPUO DATE: 9/13/59 COMPLETION: 9/29/59 County: LOVING, STATE: TEXAS Drilling comments: EL: 3073' GL: KB: **Completion Comments:** RE- ENTERED PLUGGED WELL 7/23/96 returned to production. Placed csg. Patch 4.5 K-55 11.6# (1 jt) at csg stub depth of 3515', and 85 jts of 4.5 K-55 LTC 11.6# csg. Tie back on to csg. HOLE: 12 1/4" 8 5/8" 24# casing @ 540' cemented w/ 200 Well Type POW SURF. No other information available in public records TOC @ 3860' CIBP@ 4471' W/20' CMT DRLD OUT TO 4609' (PBTD) 2 3/8" tubing @ 4588' A W/3000 GLS 15% hv-60 ACID Delaware Perfs @ 4521' - 4604' PBD 4609' HOLE: 7 7/8" 4 1/2" 9.5 # @ 3515' - 4545'?' TD 4645' w/ 100 sx cement

96

915-688-6943

Telephone: Area Code Number

Date:

4. Type of Completion		DAT	A ON WELL	COMPLETIC	ON AND LOG (Not	t Require	d on Reset)			
, .							25. Permit to Dril Plug Back or.		DATE	PERMIT NO
	New Well	Despen	ing	Plug Back	Other		Deepen	6/2	7/96	449434
5. Notice of Intention to	Drill this well						Rule 37			CASE NO.
		was 1;150 1;1 (*4)[]	5 OI				Exception			
Meridian Oil	Inc.						Water injection	on		PERMIT NO.
7 Number of seeds	a walla as it i		78 T-1-1				Permit			Beerles
 Number of producin this field (reservoir) 	g wells on this l including this w	ell	28. Total nu in this l	imber of acres			Salt Water D	isposal		PERMIT NO.
	95			9,440		Į	Permit			
Date Plug Back, Dee		Commenced	Completed	30. Distance	ce to nearest well.		Other			PERMIT NO
Workover or Drilling Operations:	1		1	Saine I	Lease & Reservoir					
Operations.	<u> </u>	7/9/96	7/23/96		249	1				
1. Location of well, rel	ative to nearest	lease boundaries	 	1992'	Feet from No	orth	L	ine and \198	80'	Feet from
of lease on which thi	is well is located	l	 -	West	Line of the F	1 Mar	/Delaware	VL 20	00 /	Lease
12. Elevation (DF, RKI	B, RT, GR, ET	C.)		33. Was d	tirectional survey made	ie other	C De laware			
3073'				than	inclination (W-12)?		Y.	.s <u>X</u>	J No	
	5. Total Depth	36. P. B. I	Depth 37.	Surface Casing	T			X	Dt. of Letter	5-11-9
4521' 4	645'	4609'	}	Determined by:	, ,		dation of T.D.W.R ommission (Specia		Dt. of Letter	
38. Is well multiple con	ipletion? 3	9. If multiple con	npletion, list all	reservoir names	(completions in this w					Rotary Cable
□ r	۱ ا	or Gas ID No	FIELD & RES		, GAS	ID or EASE	oil-o w	ELL	Drilled by:	Tools Tools
Yes A	No No		LIELD & KES	ERYOIK	0.22		Gas-G	'	- 1	
1. Name of Drilling C	ontractor							42	Is Comenting	Affidavit
Pride									Attached:	
									Yes	V No
3.			CASING	RECORD (Rep	ort All Strings Set in	Well)				
CASING SIZE	WT IIF	T. DEPT	ו אבי ו	MULTISTAGE	TYPE & AMOU		HOLE SIZE	TOP C		SLURRY VOL.
- F /O!				TOOL DEPTH	CEMENT (sac					cu. ft.
3 5/8"	24#	540	15.15		Unk sxs	1:	2 1/4"	Surf.	Un	
1/2"	9.5#		-4545		Unk sxs		7/8"	TOC@38		
	ł .	1	55 11.0# (ljt) at cs	sa stub depth	07 351	5', and 84	Les of 4.		C 11.6# cs
rie	back on t	o csg.			-1		<i>y</i>	<u> 46.2. //</u>	7	
4.				LINE	R RECORD					
Size		TOP		E	Bottom		Sacks Cement		So	reen
				1		1				
						T	·····			
5.	TUBIN	G RECORD			5. Producing Interva	al (this com	ipletion) Indicate d			hole
Size	·	th Set	Packer	Set	From 4521'			To 460)4'	
2 (0 "	4588				From			То		
3/8					From			То		
3/8								T .		
3/8		·			From			To		
								10		
			ACID, S	HOT, FRACTU	From ORE, CEMENT SQUI					
7.		oth Interval	ACID, S	HOT, FRACTU	TRE, CEMENT SQUI	A	mount and Kind of	「Material Use	ed	
CIBP@ 4471 w			ACID, S	HOT, FRACTU	Drld out	t to 4	unount and Kind of	(Material Use	ed	
7.			ACID, S	HOT, FRACTU	TRE, CEMENT SQUI	t to 4	mount and Kind of	(Material Use	ed	
 CIBP@ 4471 w			ACID, S	HOT, FRACTU	Drld out	t to 4	unount and Kind of	(Material Use	ed	
7. CIBP@ 4471 w			ACID, S	HOT, FRACTU	Drld out	t to 4	unount and Kind of	(Material Use	ed	
CIBP@ 4471 w 4521'-4604'	v/20'cm	t			Drld out A w/3000	to 4	mount and Kind of 609" (PBT 15% HV-60	Material Use D) acid		
7 CIBP@ 4471 w 4521'-4604'	v/20° cm Fors	t	LD (LIST DEP		Drld out	to 4	mount and Kind of 609' (PBT 15% HV-60	Material Use D) acid		
CIBP@ 4471 w 4521'-4604'	v/20° cm Fors	t			Drld out A w/3000	t to 4	mount and Kind of 609' (PBT 15% HV-60	Material Use D) acid	S)	
CIBP@ 4471 w 4521'-4604'	v/20° cm Fors	t	LD (LIST DEP		Drld out A w/3000	t to 4	mount and Kind of 609' (PBT 15% HV-60	Material Use D) acid	S)	
CIBP@ 4471 w 4521'-4604'	v/20° cm Fors	t	LD (LIST DEP		Drld out A w/3000	t to 4	mount and Kind of 609' (PBT 15% HV-60	Material Use D) acid	S)	
CIBP@ 4471 w 4521'-4604'	V/20' CM FORM	MATION RECOF	RD (LIST DEP'	THS OF PRINC	Drld out A w/3000	At to 4 I gls AL MARK	mount and Kind of 609' (PBT 15% HV-60	Material Use D) acid	S)	
CIBP@ 4471 w 4521'-4604'	fors ntry of	MATION RECOR	RD (LIST DEP'Depth	THS OF PRINC	Drld out A w/3000	to 4) gls AL MARK: Formatio	emount and Kind of 609' (PBT 15% HV-60 ERS AND FORM.	Material Use D) aCid ATION TOPS	S)	
CIBP@ 4471 w 4521'-4604'	r/20' cm FORM Pons ntry of	MATION RECOR	RD (LIST DEP'Depth	THS OF PRINC	Drld out A w/3000	At to 4 I gls AL MARK	emount and Kind of 609' (PBT 15% HV-60 ERS AND FORM.	Material Use D) aCid ATION TOPS	S)	
CIBP@ 4471 w 4521'-4604' 8. Formation of the Life of	rors ntry of	MATION RECOR	RD (LIST DEP'Depth	THS OF PRINC	Drld out A w/3000	to 4) gls AL MARK: Formatio	emount and Kind of 609' (PBT 15% HV-60 ERS AND FORM.	Material Use D) aCid ATION TOPS	S)	
CIBP@ 4471 w 4521'-4604' 8. Formation of the Life of	fors ntry of	MATION RECOR	RD (LIST DEP'Depth	THS OF PRINC	Drld out A w/3000	to 4) gls AL MARK: Formatio	emount and Kind of 609' (PBT 15% HV-60 ERS AND FORM.	Material Use D) aCid ATION TOPS	S)	11

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

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

Section 3, BLK. 54, County: LOVING, STA		SPUD DATE: 9/27/59 COMPLETION: 10/7/59 Drilling comments:
EL: GL: KB:	,	Completion Comments:
HOLE: 12 1/4*	8 5/8" ?# casing @ 538' cemented w/ 250 SAX CIR TO SURF	Well Type CIW No other information available in public records
	TOC @ 3855'	
	CIBP @ 4510' W/20' CEMENT ON TOI (2/7/86) Delaware Perfs @ 4510' - 4634'	
HOLE: 6 3/4"TD 4685'	4 1/2" 7 # @ 4685' w/ 130 sx cement	

06/03/85

RAILROAD COMMISSION OF TEXAS

7.74-90	Oil and Gas Division	UIC CONTROL NO.
READ INSTRUCTIONS ON BACK	visposal/Injection Well	
PLEASE TYPE OR PRINT	Pressure Test Report	TypeFOR RRC USE ONLY
		2. RRC OPERATOR NO.
1. OPERATOR'S NAME UNION ROYALTY, INC.	HECEIVED	876825
3. ADDRESS 500 W. TEXAS	R.R.C OF TEXAS	4. RRC DISTRICT NO.
SUITE 1460	JUL 05 1990	5. COUNTY
MIDLAND, TEXAS 7970	1 100 00 100	LOVING
6. FIELD NAME (Exactly as shown on proration sche		8. API NO.
EL MAR (DELAWARE)	MID 428019500	42-301-00392
9. LEASE NAME EL MAR/DELAWARE/UNIT	10a. OIL LEASE NO. 21246	10b. GAS ID NO. 11. WELL NO. 1223W
12. REASON FOR TEST	13. DATE OF TEST 14. RET	
☐ Initial Test Prior to Injection		S, see Instruction No. 5
	15. WELL COMPLETION	size depth set 5/8 538
After Workover		1/2 4685
Annual Test Required By Permit	Die Stille Castile	ONE
☐ Five-Year Test Required By Rule		
☑ Other (Specify) WELL IS T/A WITH	16a. PACKER MAKE AND MODEL NONE	16b. DEPTH SET N/A
CIBP ABOVE INJECTION INTERVAL		
@ 4510 W/20' CEMENT ON TOP.	17. AUTHORIZED INJECTION PRESS	
18a. PERMITTED INJECTION INTERVAL Top 4453 Bottom 4588	18b. COMPLETED INJECT	TON INTERVAL Bottom 4634
19. TEST PRESSURE (PSIG) see Instructions 4 TIME TUBING CASING SURFA Initial N/A 15 min. 30 min.	ACE CSG. TIME TUBING	CASING SURFACE CSG.
20. CHARACTERISTICS OF INJECTION FLUID (see Instruction 4(e)) N/A	21. CHARACTERISTICS O lsee Instructions 4 (e) N/A	
22. TEST WITNESSED BY RRC? YES NO If NO. see Instruction 4(a) If YES, Name of RRC Representative	23. WERE OTHER TESTS. THIS TIME? YES	/SURVEYS PERFORMED AT NO. If YES, List: N/A
24. OPERATOR COMMENTS ON TEST (attacn sep	arate sheet if necessary)	
THIS WELL WAS T/A BY TEXACO	INC. ON FEBRUARY 7, 198	6. SEE ATTACHED W-15
25. WELL STATUS: Active Tempora	rily Abandoned	
CERTIFICATE:	2	1
I declare under penalties prescribed in Sec. 91.143.	- 7 7 m-7/1/	<i>J</i>
Texas Natural Resources Code, that I am authorized to	T. N. MCKNIGHT, JR.	Z PRESIDENT
make this report, that this report was prepared by me or under my supervision and direction, and that data	T. N. MCKNIGHT, JR.	Tide
and facts stated herein are true, correct, and complete, to the best of my knowledge.	Telephone No. (915) 686-1991	Date 6-29-90

Cementer: 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.		nty of Well Site DVING
5 Field Name (Wildcat or exactly as shown on RRC records) EL MAR (DELAWARE)		6. กษา No. 42 -		7. Drilling Permit No.
8. Lease Name EL MAR (OGINWARE) Unit	9. Rule 37 Case No.	10. OU Legse/Cas HE CENTEXAS	ID No.	11. Weil No. 1223

ASI	O CEMENTING DAT	A:		SURFACE CASING	INTER- MEDIATE	PRODU	ICTION 1990	MULTI- CEMENTING	STAGE S PROCESS
					CASING	Single String	Orbitople AS Parattel Bookings	Tool	Shoe
12. C	ementing Date			9/28/59		10/8/59			
13.	*Drilled hole size			121/4"		63/4"			
	Est. % wash or hole e	nlargement							
14. 5	ize of casing (in. O.D.)	-		85/2"		4 1/2"			
15. 1	op of liner (ft.)			0		ه`			
16. 5	etting depth (ft.)			538'		4685'			
17. 1	lumber of centralizers	used		2		4			
18. 1	irs, waiting on cement	before drill-out							
È	19. API cement used	f: No. of sacks	>	200		100			
1st Slurry		Class	>	Α		A			
<u>.</u>		Additives	>	6% Gel		4% G.1			
È		No. of sacks	>	.5¤		30			
2nd Slurry		Class	>	A		A			
2 0		Additives	>	HA5		Latex			
ķ		No. of sacks	>						
3rd Slurry		Class	▶						
3α		Additives	>	•					
1 3 (20. Slurry pumped:	Volume (cu. ft.)	>						
		Height (ft.)	▶			3155			
g		Volume (cu. ft.)	>						
2nd		Height (ft.)	▶						
- P		Volume (cu. ft.)	>						
34		Height (ft.)	>						
ब		Volume (cu. ft.)	>						
Total		Height (ft.)	>	·		1			
21.	Was cement circulated for bottom of cellar) of	to ground surfac	e	Yes		1	1		

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 5"							
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)				Ì				
31. Type cement	Class	CIB	Pa 45	10' wit	\$ 20'0	ement	on to	0

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

Allen James, Dist. M. Name and title of cementer's representative		C Wirel	ine.	Inc. Signatur	20 Jan	cels.		
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 un certification, that I have knowledge of the water true, correct, and complete, to the best of a	ell data and informati	on presented t	n this report	and that data and f	Code, that I am a acts presented on bo	uthorized to moth sides of this	iake this formare	
Typed or printed name of operator's representative	Tille			Signatu	re			
^ddress .	City.	State.	Zip Code	Tel.: Area Code	Number	Date: mo	o. day	VT.

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 (Weil 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 easing cemented in the hole.
- B. Where to file. The appropriate Commission District Office for the county in which the well is located.
- C. Surface casing. An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources. Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.
- D. Centralizers. Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.
- E. Exceptions and alternative casing programs. The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. An operator must obtain approval of any exception before beginning casing and cementing operations.
- F. Intermediate and production easing. For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).
- G. Plugging and abandoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All the 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 thom 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.

EL MAR/DELAWARE/UNIT # 1224

FORMERLY MERIDIAN OIL, INC. (NMOCD # ____, API# 42-301-80193)

1992' FNL & 660' FEL Section 3, BLK. 54, T&P RR SPUD DATE:11/7/59 COMPLETION: 11/18/59 County: LOVING, STATE: TEXAS Drilling comments: EL: GL: KB: Completion Comments: Well Type POW No other information available in public records HOLE: 12 1/4" 8 5/8" 24# casing @ 536' cemented w/ 200 Circ/SURF. TOC @ 3900' CIBP @ 4516' W/20' CMT(7/12/96) PACKER @ 4555' 2 3/8" tubing @ 4555' Delaware Perfs @ 4562' - 4648' DRLD OUT TO 4658' (PBTD) 7/12/96 PBD @ 4658' 4 1/2" 9.5 # @ 4695" HOLE: 7 7/8" TD 4695' w/ 180 sx cement

Type or print only

RAILROAD COMMISSION OF TEXAS Oil and Gas Division (1-23-72)



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

V		A	PI No. 42- 30	1-80193	7. RRC District No.	
Oil Well Potential Test, Completion or	Recompleti	on Report, an	d Log		8. RRC Lease No. 21246	
1. FIELD NAME (as per RRC Records or Wildcat)	2. LEASE NAM	1E			9. Well No.	
El Mar (Delaware)	El Mar/D	elaware/Unit			1224	į
3. OPERATOR'S NAME (Exactly as shown on P-5, Organization Burlington Resources Oil & Gas Comp	Report)	RRC Operate 109338	or No.		10. County of well si Loving	
4. ADDRESS					11. Purpose of filing	
P.O. Box 51810, Midland, TX 79710				·	Initial Potential	*
5. If Operator has changed within the last 60 days, name the forme	er operator					X
Meridian Oil Inc. (561132) 6a. Location (Section, Block, and Survey)	6b. Distance a	nd direction to nearest	town in this co	unty.	Ratest	
3 54 T_& P RR	18 mil	es northwest	of Mento	one	Reclass	
12. If workover or reclass, give former field (with reservoir) & ga	s ID or oil lease no	. GAS ID or	Oil - O	WELL NO.	_	
FIELD & RESERVOIR		OIL LEASE !	Gas - G		Well record only (explain in Remark	X ks)
13. Type of electric or other log run			14. Completion 7/12/9	n or recompletio	n date	
SECTION I: POTENTIAL TEST DATA IMPO	RTANT: Test	should be for 24	hours unless	otherwise sp	ecified in field rule	s.
15. Date of test 16. No. of hours tested 17	7. Production meth	nod (Flowing, Gas Lif	t, Jetting, Pump	ping -	18. Choke size	
8/18/96 24	Size & Type of	/ ב עוווע	(1.5"x24'		64/64"	
	s - MCF	Water - BBLS	Ga	s - Oil Ratio	Flowing Tubing Pre	
Test Period 1 20. Calculated 24- Oil - BBLS Gai	O CF	75 Water - BBLS	Oil Gra	N/A vity - API - 60°	118 Casing Pressure	PSI
Hour Rate	, - 1,,,,,,	Water - Bull	Oli Gia	vity - AFT - 00		PSI
Was swah used during this test?	22. Oil produced	prior to test (New &	Reworked wells) [2	118 3. Injection Gas-Oil	
Yes No X	None	,		´ -	Ratio	
REMARKS:	I_NOTIC					
Cleaned out wellbore and returned	i to produc	tion.				
			,			
<u> </u>						
INSTRUCTIONS: File an original and one	conv of the co	ompleted Form V	V-2 in the a	nnronriate R	RC District Offic	ė.
within 30 days after completing a well and wi	ithin 10 days a	fter a potential tes	t. If an oper	ator does not	properly report th	e
results of a potential test within the 10-day potential test within the W-2 was	eriod, the effec	tive date of the a	llowable assi	igned to the v	well will not extend	d
completion or recompletion, fill in both sides	of this form. T	o report a retest.	fill in only th	e Rules 10 ai ne front side.	id 31) To report	a
• •		•	, ,			
WELL TESTER'S CERTIFICATION I declare under penalties prescribed in Sec. 91.143, Te	was Named Bass	and Cada that I and		المنا والمناطعة المناطعة المنا	-h	_
readings or (b) the top and bottom gauges of each tank					potential test data show	
above is true, correct, and complete, to the best of my	knowledge.	-			TA COCO	
					Sec	
Signature: Well Tester	Nar	me of Company	RRC Represent		17 3 TX	_ _
				MIDE	1996	
					9/(1/3) Y	
OPERATOR'S CERTIFICATION I declare under the penalties prescribed in Sec. 91.143	Texas Natural Pa	sources Code that T	em authorized •	o make this read	ort that this feature was	
prepared by me under my supervision and direction knowledge.						
Donna Williams		Regulatory	Complian	ice \		
'yped or printed name of operator's representative		Title of Parson	<u> </u>	····)	
<u>15-688-6943</u> 08 /	30 / 96		<u> </u>		<u></u>	
Telephone: Area Code Number Date: mo.	day year	Signature				

SECTION II		DA	TA ON V	WELL C	OMPLETIC	N AND LO)G (1	Not Requ	ired on Res	et)						
Type of Completion	1					· · · · · · · · · · · · · · · · · · ·			25. Perm	iit to Dr		[ATE		PERM	IT NO.
	New Well	i Deepe	nias [Plug Back		ner	X	Plug Deer	Back or sen	•					
								<u> </u>	Rule	37					CAS	E NO.
25. Notice of Intention	to Drill this w	rell was filed in Nai	ne of						Exce	ption						
									Wat	er injecti	on				PERM	IT NO.
22-11-1					 				Peri							
27. Number of produc this field (reservoir	ing wells on the ') including thi	ns lease in is well		in this lea	her of acres				Salt	Water D	isposal				PERM	IT NO.
					9,440				Peri						D.C.D.L.	100 110
29 Date Plug Back, D	eepening,	Commenced	Cor	npleted	30. Distanc	e to nearest v	veil.		Oth	er					PERM	IT NO.
Workover or Drilli Operations:	ng	7/10/96	1	2/96	1	case & Reser										
		1 1110130	1//1	2730												
31. Location of well, r of lease on which t					992'	Feet (North			ine and		,		Feet fro	ın
32. Elevation (DF, R)	78 87 CB	erc v		iE	ast	Line o		<u>E1 Ma</u>	r/Dela	ware	<u>/Unit</u>	<u>; </u>			Lease	
J. Elevation (DF, R	NB, RI, GR,	EIC.)			than i	nclination (V	vey 11 V-[2]	nade other ?] _Y	es	X	No	,		
	35. Total Dep		Depth	37. St	rface Casing			7			, [Dt. of	Letter		
4562	4695'	4658			etermined by:	Field Rules			nendation of d Commission				Dt. of	Letter		
38. Is well multiple co	mpletion?	39. If multiple c	empletion,	list all re	servoir names	(completions						40.	Interv	1 -	otary ools	Cable Tools
Yes	∑ No	91 G#2 ID 14		& reser	LVOIR			AS ID or L LEASE	Oil-O Gas-G		ELL		Driile by:	ia 1	OO13	10013
41. Name of Drilling	Contractor											42.	Is Cer Attach	nenting a	Midavi	l
Pride							<u> </u>							7	X	NI-
43.				SING D	CCORD (D	- A N Co d	<u> </u>			L :	·			Yes	لــــــــــــــــــــــــــــــــــــــ	No
	T				ECORD (Rep						T	OP OI		1 8	LURRY	VOI
CASING SIZE	WT	//FT. DEF	DEPTH SET MULTISTAGE TOOL DEPTH					(Sacks)	HOLE S	HOLE SIZE C					eu. A.	
5/8"	24#	536'				Unk s	XS		12 1/4	"	Surf	f .		Unk		
4 1/2"	9.5#	4695	,			Unk s			7 7/8"		TOC	390	0,	Unk		
											ļ			 -		
						<u> </u>		1	<u> </u>		<u> </u>			<u> </u>		
44.					LINE	RECORD										
Size		TOF	'		В	ottom			Sacks Co	ment		\top		Sere	en	
45.						h Dendusia	- 1	anal Johia	completion)	ladianta	denth of	ne efor	tion o		la .	
Size		BING RECORD Depth Set		Packer S		From 456		ar ar (cms	Completion			464		- Oyell ill		
2 3/8"	4555		15	55'	et -	From	2_				To	464	8			
2 3/0	4550	·	73	<u> </u>		From					To					
						From					To					
47.								·								
			A	CID, SH	OT, FRACTU	KE, CEMEN	1.20	JUEEZE,		J 101 - J :	CMesses	115	 I			
CIBP@ 4516		Depth Interval	-			Dela	1 ~	11+ +0	4658'			ii Usec				
4562' - 4648'	W/ZU (<u>emt</u>				A W	/30 /30	<u>00 al</u>	s 15%	17-60) aci	d +	100	00 а	s a	el
brine						/\ 11/	<u> </u>	20 21	<u> </u>					<u></u>		
						· · · · · · · · · · · · · · · · · · ·										
48.		RMATION RECU	RD (LIS		HS OF PRINC	IPAL GEOL	JOGI			FURM	ATION '	TOPS		Death		
Forma	uons			Depth				Form	ation5		+			Depth		
											+	—				
<u> </u>											+					
REMARKS																
Cleaned out	wellbo	re and ret	urne	i to	product	ion.										
~																

EL MAR/DELAWARE/UNIT #1311 FORMERLY (NMOCD # ____, API# 42-301-0085)

660' FNL & 660' FWL

Section 2, BLK. 54, T		SPUD DATE:11/1/59 COMPLETION: 11/13/59
County: LOVING, STAT	E: TEXAS	Drilling comments:
EL: 3097' DF		
GL: KB:10'		Completion Comments:
	3.	TA: 8/27/82
	and the second s	Weil Type TA
		No other information available in public record
HOLE: 11"	7 5/8" 26.4# J-55 casing @ 477'	
_	cemented w/ 750	
	Circ/ SURF	
		
		
1		
		
		——————————————————————————————————————
	TOC @ 3839' CALC	
7		
		4

\$		
		·
		· · · · · · · · · · · · · · · · · · ·
	PLUG @ 4538'	
	1 200 6 4038	·
چ بند		
	Delaware Perfs: 4588' - 4611'	
	4615' - 4630' @ 2JSPF	
	OLDS PERFS:	
	4664' - 4684' @ 2JSPF	
UOLE, 6 2/45 PRITE 47128	2 7/8" 6.5# J-55@ ?'	
HOLE: 6 3/4" PBTD:4712	y/ 150 sx cement	**************************************
10 4724	W/ 150 sx cement	
		

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

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

660' FNL & 1650' FWL SPUD DATE: 3/29/59 COMPLETION: 4/13/59 Section 2, BLK. 54, T&P RR County: LOVING, STATE: TEXAS Drilling comments: EL: GL: KB: **Completion Comments:** PLUGED IN 11/29/96 CMT. PLUG @ 33' W/ 10 SAX CMT Well Type P&A'D (PROD) No other information available in public records HOLE: 11" 7 5/8" 24# casing @ 688' cemented w/ 300 SX CIR. CEMT PLUG @ 901' W/ 250 SAX CMT CMT PLUG @ 3030' W/ 70 SAX CMT. CIBP @ 3438' W/ 25 SAX CMT (1996) TOC @ 3459' 2 3/8" CGS 6.5# @ 3759' (1996) LEFT IN WELL Perfs @ 4600' - 4682' PBTD @ 4698' HOLE: 6 3/4" 150 SX CMT TD 4710'

RAILROAD COMMISSION OF TEXAS

T. N. McKnight, Jr.
Typed or printed name of operator's representative

or print only	ited			Oil and Ga	is Divisio	n			Form Rev. 4/ 483-0	1/83
Surface Casing		*		- -7		[PI No. 40	201 0005		
Surrang ods 1912				<u></u>	14 00		UPI NO. 42-	301-00855	0.8	ļ
O.V.Oil Well Poter	tial Test	Com	nlet	ion or Rec	omnle	tion F	Penort	and I or	8. RRC Lease No.	
VI VVCII I OLCI.	itiai 165t,		Bic.	ion or nec	ompie	tion i	report,	and Log	21246	_
I. FIELD NAME (as per RRC I	Records or Wildcat	.)		2. LEASE NAM	ME.				9. Well No.	
El Mar (Delaw				El Mar	/Dela	ware/	'Unit		1312W	_ !
3. OPERATOR'S NAME (Exac		rm P-5.	Organia		1	RRC Ope			10. County of well st	le
Union Royalty	Inc.		_		1	87	6825		Loving	
4. ADDRESS	1								11. Purpose of filing	
500 W. Texas,	Suite 1	460,	Mi	dland, TX	7970	1			Initial Potential	
5. If Operator has changed wi								 	Intrad Fotential	
									Retest	
6a. Location (Section, Block, a	and Survey)			6b. Distance	and direct	on to nea	rest town in	this county.	7	$\overline{}$
									Reclass	\times
12. If workover or reclass, give	former fleld (with	reservol	r) 🁺 gas	ID or oil lease no.	GAS		0:1 - 0	WELL NO.		
FIELD & RESERVOIR					OIL LE	ASE -	Gas - G		Well record only	X
El Mar (Delaw	vare) San	<u>d </u>						<u> </u>	(explain in Rema	ırks)
Type of electric or other log	ļ run						14. Comp	letion or recomplet	ion date	
·								2/7/94		
SECTIONI: POTENTI	ALTEST DAT	ΓΑ II	мрог	RTANT: Tests	should b	e for 24	hoursu	nless otherwis	e specified in field	i rules.
Date of test	16. No. of hours			17. Production met	thod (Flowi		·		18. Choke size	
				Size & Type of	pump)					
19. Production during	OII - BBLS		Ga	as — MCF	Wat	er · BBLS		Gas - Oil Ratio	Flowing Tubing Pr	essure
Test Period										PSI
20. Calculated 24-	Oil - BBLS	İ	Gá	as — MCF	Wate	r — BBLS	,0	II Gravity—API—60°	Casing Pressure	
Hour Rate				1 22 24		/ ١٠		.11-3	1	PSI
21. Was swab used during this	Yes Yes	No		22. Oil produce	ea prior to	(est (New	er Keworken	. weils)	23. Injection Gas—Oil Ratio	
REMARKS:	14 (b)(2	· +c		tive inje	ctor				L	
INSTRUCTIONS 30 days after cor results of a poten	: File an original impleting a well itial test within 10 days before	al and which the local the	one co within 0-day p V-2 wa	ppy of the compl 10 days after a period, the effect is received in the	eted Forma a potent ctive date he Distri	al test. I of the al ct Office	If an opera llowable a e. (Statew	ator does not pi ssigned to the w ide Rules 16 an	trict Office within roperly report the vell will not extend ad 51) To report a side.	
	ties prescribed in S p and bottom gauge , and complete, to	es of each	h tank ir	nto which production knowledge.		during the		er certify that the po	bservation of (a) meter tential test data shown	
						_				
						_			× '	_ -
OPERATOR'S CERTI- I declare under penals by me or under my s	ties prescribed in S	ec.91.14	13, Texa and tha	s Natural Resources t data and facts sta	s Code, that ated therei	I am auth	orized to mal correct, and	ce this report, that the complete, to the be	his report was prepared est of my knowledge.	

President

There all the state of the stat		DAT	A ON WE	LL COMPLETIO	N AI	ND LOG (N	lot R	equired o	n Retest)				,	
Type of Completton	1:								25. Perm	It to Dr	111.	DATE	PE	RMIT NO.
	New Well	Deeper	ing [Plug Back		Oth	ıcr		Plug Deep	Back or en				
Notice of Intention	to Dall this w	reil was filed	n Name	of					Rule					CASE NO.
notice of finendon	to bita tina w	Ca was med	ii .iaiiic i	01]	ption r Inject	lon		DE	RMIT NO.
									Perm	-				1182
Number of product	ng wells on the	is lease in	28. Tota	al number of acr	es				Salt Water Disposal					RMIT NO
this field (reservoir	r) including this	s well	ln t	his lease		Permit Other					PE	RMIT NO		
Date Plug Back, Dec WorkOver or Drillin Operations:		Commenced	Comp			to neares				•				.6.11 (10
Location of well, reli of lease on which the			1es			Feet I				Li	ne and			lrom
Elevation (DF, RKB,	PT CP FTC)			1 23 Was	- di-	Line o							leas	
		77777		thai	n inc	ination (F	Form	W-12)?		Yes	l	No		
Top of Pay 35	5. Total Depth 4709	36. P. B. D	epth	37. Surface Ca Determined		Field			endation of			Dr of		
Is well multiple con		If multiple co	mpletion.	list all reservoir	nam	Rules es Icomple			Commissio		tal)	40. Interv		y , Cable
,		or Gas ID No.		RESERVOIR	.,_,		G,	AS ID or LEASE	011-0	WE	LL	Drilled by:		
Name of Drilling Co	ontractor								 		· · · · · · · · · · · · · · · · · · ·		nenting Aff	davit
												Attach	r	7
				210 22000 (2		- 411 51 1			<u> </u>				Yes L	No
				ING RECORD (R	<u> </u>	TYPE &			1)		77	OP OF	SIITO	RY VOL
CASING SIZE	WT */FT.	DEPT	H	CEME		1	HOLE SI	ZE		MENT	1	ri vol		
7 5/8	24#		688					30d	11		Sı	ırf.	Unk	nown
2 7/8	6.5#	4.7	09			Unkno	าพถ	15Q	6 3,	/ 4	34	159		nown
													 	
	~ ~~~~~~~													
Size		TOP		LIN		RECORD		1	Sacks Co				Screen	
		101			DOC	tom		 	Sacks Ce	ment		 	Screen	
												<u> </u>		
	TONC	RECORD			16	D-advata				-) I - d) -		> -ff		- hal-
Size		h Set	Pa	icker Set		rom	gini	4 5	ompletion	inaic	To		694	п поіє
1 1/2	3940			3943	 	rom		4.3	77		To	<u>`</u>	1034	
					F	rom					To			
					Fı	rom					То			
			ACID	. SHOT. FRACTI	JRE.	CEMENT	SQU	EEZE. ET	rc.					
	Depti	h Interval							Amount ar	nd Kind	of Mate	rial Used		
									·					
														
						 								
						l								
					CIPA	L GEOLO	GICA	L MARKE	ERS AND FO	RMAT	ON TOP	2 51		
	FORMA	TION RECOR	(LIST D	epths of Prin										
Formatic		TION RECOR		EPTHS OF PRIN				Formati	ons				Depth	
Formatic		TION RECOR						Formati	ions				Depth	
Formatio		TION RECOR						Formati	ons				Depth	
		TION RECORI						Formati	ons				Depth	
Formation Format		TION RECORI						Formati	ons				Depth	

Plugging Record

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

FORM W = Rev. 12/91

	1			517.010	···				
	C 1 - 10 2	<u>} </u>	· 		API NO. 42-3	01-0085	5	1 RRC District	
FIL	É M DUPLIC	ATE WITH DISTRIC	T OFFICE	F OF DISTE	RICT IN WHI	СН]	08	<u></u>
K	WELL IS LO	CATED-WITHIN TH						21246 /	(d.
El Mar (Del		ords)	3 Lease El M	Name ar/Delaware/	/Unit /			3. Well Number 1312W	
6. OPERATOR Burlington	Resources Oil &	Gas Company	ou. Origina	il Form W-1 Fil	ed in Name of			10 County	
7. ADDRESS			iób. Any Su	baequent W-Us	Filed in Name o	1		Loving :: Date Drilling	
P.O. Box 518	810 Midland, To	exas 79710-1810					! 	Permit Issued	
8 Location of W	fell, Relative to Ne.		660' Fee	From North		50' _{Fa}	t From	12. Permit Number	
20 SECTION PI	JOCK, AND SURVE	· · · · · · · · · · · · · · · · · · ·			/Delaware/Uni			letter	
i i	k 54, T-1, T &		Caunty		r From Nearest T t of Mentone,		3	Date Drilling Commenced 3/29/59	
16. Type Well (Oil, Gas, D/y)	Total Depth 17. I	f Multiple Completion Lis			ase or Gas ID N	o.'s		14. D. te Drilling	
injection	4710'				GAS ID or OIL LEASE #	Gas-G	WELL	4/13/59	
18. If Gas, Amt, o Hand at time o								15. Date Well Plus	gged
			12					11/29/96	
	TO PLUG AND A	BANDON DATA:	T				5 PLUG	#6 PLUG #7 P	LUC
*19. Cementing Da	or Pipe in which Pli	a Placed (inches)		7-57	9/96 <u> 11/29/9</u> 6		-		
	om of Tubing or Dri			2 7/8 5 3/3 3438 901	7 5/8				
	ent Used (each plug	7 7	1		33	1	1	- ;	
*23. Slurry Volume		7 75,00	92.4	25 250 33 330		 	\div		
•24 Calculated To		7		33 330	13.2	7			
	of Plug (if tagged)	(ft.)	3430	1	4. 50		1		
*26 Sturry Wt. # /			14.8	14.8 14	801 10 8			1	
*27. Type Cement				remium Brem	ium Bremium	10			
	TUBING RECORD	AFTER PLUGGING			Non-Drillable M		ther	Yes	X
SIZE WT. =/FT.	PUT IN WELL (fr.	LEFT IN WELL (fr.) H	OLE SIZE(in.) 29a. If answe	r to above is "Ye	s'' state			
7 5/8"/ 24	683' /	688' ~	Unk.		(ly describe non- nore space is ne		material.	·Use Reverse Sidi	ਰ ਮ
2 7/3" 6.5	4709 -	3759	6 3/4"	1					
				_ 					
30 LIST ALL OF	PEN HOLE AND/C	R PERFORATED INTER	RVALS						
FROM 4600)'	το 4682'		FROM			TO		
FROM		το		FROM			то		
FROM		το		FROM			το		
FROM		το		FROM			то		
FROM		то		FROM			то		iE3
I have knowledge Designates items	that the cementing to be completed by	operations, as reflected b	y the informal	tion found on the	is form, were per completed by O	formed as perator.	indicated	A PA HA GOODE	∘तE)
1	6 H							DEC 1	3 19
- pecri	Caracter	, 			iburton Energ		ces		i .
	nter or Authorized R	epresentative		Name of C	Cementing Compa	ηγ		MIDLAND	TE
CERTIF		rescribed in Sec. 91.143,	Texas Natura	l Resources Coc	ie, that I am auth	orized to	make the		
report wa	as prepared by me o	r under my supervision an							
to the b	est of my knowled	ge.			_				
	/ (10-),,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Regul	atory	AND STEP	EIVED		915-688-694	3
0500	SENTATIVE OF	COMPANY	T	ITLE	DAT	TEXA	Phone	A/C NUM	BER
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				DEC 1	200	.	_	
t-1-1	- A -	WO.T.)		(<i>(1496</i>))		
SIGNATURE: DE	PRESENTATIVE C	IF RAILROAD COMMISS	101		MIDI A O.G.				
green or with the	· •				MIDLAND,	EXAC		ź	(
						٠.٠		<i>i</i> f	

EL MAR/DELAWARE/UNIT # 1313 FORMERLY (NMOCD # ____, API# 42-301-8020500)

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

EL MAR/DELAWARE/UNIT # 1314W

FORMERLY UNION ROYALTY, INC. (NMOCD # ____, API# 42-301-00860)

FL&'FL

Section 2, BLK. 54, T&F		SPUD DATE:3/15/62 COMPLETION: 4/2/62
County: LOVING, STATE: EL:	TEXAS	Drilling comments:
GL: KB:		Completion Comments:
1. S.	China Carlos	Well Type WIW No other information available in public records
HOLE: 11*	7 5/8" 24# casing @ 754'	
	cemented w/ 350 CIRC TO SURF.	
1 11 1		
		
	TOC @ 3650'	
e de la companya de l		
* ***		
3		
\times	1 1/05 militing @ 44001	
	1 1/2" tubing @ 4406' PACKER @ 4410'	
	• • • • • • • • • • • • • • • • • • • •	
<u> </u>	Delaware Perfs @ 4585' - 4735'	
<u> </u>	Delaware Peris & 4585 - 4735	
\$		
A de		
HOLE: 6 3/4"	2 7/8" 6.5# @ 4649'	
TD 4664'	w/ 250 sx cement	
		

RAILROAD COMMISSION OF TEXAS Type or print only Oil and Gas Division Form W-2 Rev. 4/1/83 - Encoption 016ed 483-046 Surface Coming API No. 42-301-00860 7. RRC District No. 5- Oil Well Potential Test Complétion or Recompletion Report, and Log 8. RRC Lease No. 21246 1. FIELD NAME (as per RRC Records or Wildcat) 2. LEASE NAME 9. Weil No. El Mar (Delaware) El Mar/Delaware/Unit 1314W 3. OPERATOR'S NAME (Exactly as shown on Form P-5. Organization Report) RRC Operator No. 10. County of well site Union Royalty, Inc. 876825 Loving 4. ADDRESS 11. Purpose of filing 500 W. Texas, Suite 1460, Midland, TX 79701 Initial Potential 5. If Operator has changed within last 60 days, name former operator Retest 6a. Location (Section, Block, and Survey) 6b. Distance and direction to nearest town in this county. 54, 20 Miles North of Mentone Blk. T&P RR Reclass 12. If workover or reclass, give former field (with reservoir) & gas 1D or oil lease no. GAS ID or $OII \cdot O$ WELL NO. FIELD & RESERVOIR OIL LEASE * Gas - G Well record only (explain in Remarks) El Mar (Delaware) Sand 13. Type of electric or other log run 14. Completion or recompletion date 2/7/94 SECTION I: POTENTIAL TEST DATA IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules. 15. Date of test 16. No. of hours tested 17. Production method (Flowing, Gas Lift, Jetting, Pumping-18. Choke size Size & Type of pump! 19. Production during OII · BBLS Gas - MCF Water - BBLS Gas - Oll Ratio Flowing Tubing Pressure Test Period 20. Calculated 24-Oil · BBLS Gas - MCF Water - BBLS Oil Gravity-API-600 Casing Pressure Hour Rate PSI .1. Was swab used during this test? 22. Oil produced prior to test (New & Reworked wells) 23. Injection Gas-Oil Yes No Ratio REMARKS: Reclass from 14 (b)(2) to active injector INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side. WELL TESTER'S CERTIFICATION I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge. Signature: Well Tester Name of Company RRC Representative

OPERATOR'S CERTIFICATION

I declare under penalities 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

Title of Person

Title of Person

Telephone: Area Code Number Date: mo. day year Signature

Operator's representative

Signature

Jee 1.014 11			DAI	A UN WEL	یا دن	MPLETIO	N AD	און טעט טא	н не	quired o	n Retest)							
74. Type or Compl	letion: New Wel	. 🗆	Deepen	ing 🔲	 Р	lug Back		Othe	 . _r [25. Perm Plug Deep	Back or		DATE		PERM	IT NO.	
											Rule	37				CAS	SE NO.	
26. Notice of Inter	ntion to Drill t	his well	was filed i	n Name o	ſ						Exce	ption						
											Wate	r injecti	on			PERM	ON TII	
											Регп	nit			F	118	32	
 Number of proteins field (reset 					l numi its leas	ber of acre	5				Sait	Water D	sposal			PERM	IIT NO.	
this held trese	ervoiri inciusin	g mis w	C11	10.10	115 1045	Α.					Pern	ıit .						
						,					Othe	r				PERM	ON TIM	
 Date Plug Back WorkOver or D Operations: 		Com	nmenced	Compl	ered	I .		r to nearest rase & Rese										
31. Location of we			se boundar	ries				Feet Ft	rom			Lir	e and		F	eet fro	m	
of lease on wh	ich this well is	located			 		_	Line of	the						ı	ease		
32. Elevation (DF.	RKB. RT. GR. I	ETC.)						ctional sur lination (Fi				Yes		□ No				
34. Top of Pay	35. Total De	pth	36. P. B. D	epth		Surface Cas Setermined			7	Recomm	endation of	T.D.W.F		Dt. of L	etter			
20 10	4664	100 15	. 1.4. 1					Rules			Commissio		iali L	Dt. of I				
38. Is well multipl	e completion?	39. If r	multiple co Gas ID No.	mpic tion. i	।इ.स.ची	reservoir	папі	ies tromplet		in this			LL	40. Interva		lotary Fools	Cable Tools	
ì				FIELD & F	RESEF	RVOIR			OIL	LEASE	Cas—C	4	•	by:	į		ĺ	
41. Name of Drilli	ng Contractor	+					_				+	 		42. Is Cen	nenting	AMda	vii	
	•	ļ	·- ··					i			 	 		Attach				
		l									 	 			Yes		No	
43.				CASI	NG RI	ECORD (R	epor	rt All String	25 Se	et in We	11)			L				
			Ţ			ULTISTAG	-	TYPE &	<u> </u>				TO	OP OF	S	URRY	VOI.	
CASING SIZE	wr wr	*/FT.	DEPT	'H SET		OOL DEPT		CEMEN			HOLE SIZE			cu. f				
7 5/8	24	1#	-	754			_	Unkno	พท	350				Ur	Unknown			
2 7/8	6.			549				Unknown 250										
															<u> </u>			
<u> </u>																		
44.			TOP			LIN		RECORD							Scre			
3126			101		+		DOI	ttom		 	Sacks C	ement			3.10			
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45.	ΤU	BING RE	CORD				46.	Producing	Inte	erval (th	s completio	n) India	ate dept	h of perfora	tion of	open	noie	
Size		Depth S	Set	Pa	cker S	3 €1	F				47	35						
1 1/2		4406		4	410		F	From To				<u> </u>						
							F	From To										
				L			F	From To										
47	 -						10.5	AD: 22:00										
47.		Dect 1	-1	ACID	. SHO	I. FRACTU	JKE.	. CEMENT	SQU	EEZE. E	TC.	-4 121	() /	mal Haad				
		Depth I	WELAST								Amount a	na kina	o Mate	nai Used				
								 										
																		
								+				 .						
																		
48.	F	ORMATIC	ON RECOR	D (LIST D	EPTHS	S OF PRIN	CIPA	AL GEOLOG	SICA	L MARK	ERS AND F	ORMAT	TON TOP	25)				
For	Formations Depth			Formations Depth														
			<u> </u>															
L			<u> </u>					<u> </u>										
REMARKS																		
																		
																		

EL MAR/DELAWARE/UNIT #1321W

FORMERLY UNION ROYALTY, INC. (NMOCD # ____, API# 42-301-80207) 1980' FNL & 660' FEL

Section 2, BLK.		SPUD DATE:12/9/59 COMPLETION: 12/25/59					
County: LOVING, S	TATE: TEXAS	Drilling comments:					
EL: GL: KE	3:	Completion Comments:					
		Completion Comments.					
		Well Type WIW					
		No other information available in public record					
HOLE: 11"	7 5/8" ?# casing @ 515'						
	cemented w/ 250	· · · · · · · · · · · · · · · · · · ·					
	Circ						
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	TOC @ 3820'						
							
							
	数 数						
							
		· 					
	CIRD 49 4200						
	CIBP @ 4200'						
							
							
	6 0						
HOLE: 6 3/4"	2 7/8" ? # @ 4726'						
TD 472	8' w/ 150 sx cement						
							

EL MAR/DELAWARE/UNIT #1322 FORMERLY

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

1980' FNL & 1650' FWL

Section 2, BLK. 54, T&P		SPUD DATE:3/19/60 COMPLETION:4/16/60
County: LOVING, STATE: 1 EL: 3080'	TEXAS	Drilling comments:
GL: KB:11'		Completion Comments:
386 i i i		W II 7
	•	Well Type P&A'D(PROD)
	s. S.	No other information available in public record
HOLE: 11"	7 5/8" 24# H-40 casing @ 688'	
	cemented w/ 300	
	Circ/ SURF	
1		
		
1		
	T00 0 000000000000	
	TOC @ 3810'(CALC)	
		
		
	·	
	RAMSEY Perfs : 4590' - 4596'	
	4600' - 4609'	
	OLDS PERFS:	
	4648' 4654' 4660'	
HOLE: 6 3/4" PBTD: 4699	2 7/8" 6.5# J-55 @ 4710'	
TD: 4710'	w/ 150 sx cement	
		
•		

EL MAR/DELAWARE/UNIT # 1323
FORMERLY UNION ROYALTY, INC.
(NMOCD 3 _____, API# 42-301-80209) 1980' FNL &2310 ' FEL

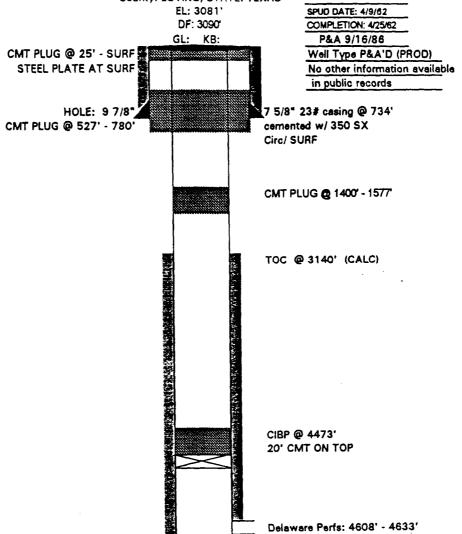
Section 2, BLK, 54, T. County: LOVING, STATE		SPUD DATE:4/26/80 COMPLETION: 5/11/60 Drilling comments:				
EL:						
GL: KB:		Completion Comments:				
		Well Type P&A'D (INJ.)				
		No other information available in public records				
HOLE: 11"	7 5/8" ?# casing @ 691"					
	cemented w/ 300					
	Circ					
1 1 1						
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i						
						
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1 11 1						
	TOC @ 3860'					
						
						
	PACKER @ 4360'					
	FACREN & 4380	-				
	1 1/2" tubing @ 4360'					
		•				
<u> </u>	<u> </u>					
	Delaware Perfs @ 4595' - 4624'					
		· · · · · · · · · · · · · · · · · · ·				
						
HOLE: 6 3/4"	2 7/8" ? # @ 4744'					
TD 4734'	w/ 150 sx cement					
		<u> </u>				

EL MAR/DELAWARE/UNIT #1324

FORMERLY

(NMOCD # ____, API# 42-301-8021) 1320' FNL & 1650' FEL

Section 2, BLK. 54, T&P RR County: LOVING, STATE: TEXAS



HOLE: 6 3/4" PBTD:4640

TD: 4650'

2 7/8" 6.5# @ 4650' CUT AT 1577'

w/ 200 sx cement

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

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

Elliott Industries Box 1355 Roswell, NM 88202

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

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

Charles and Iris Miller 1600 Broadway Denver, CO 80201

Chevron USA, Inc. Box 1635 Houston, TX 77251

John F. McNaughton 1600 Broadway Denver, CO 80201

J. M. Zachary 1600 Broadway Denver, CO 80201

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

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

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

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

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

July 11, 1997

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

Attention: Tommie Carrell

Re: Legal Notice

CO2 Project Notification Lea County, New Mexico

Dear Ms. Carrell:

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

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

Yours very truly,

QUAY VALLEY, INC.

Johnnye L. Nance Associate Landman

JLN:sf

Enclosure

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
weeks.
Beginning with the issue dated
July 15 1997 and ending with the issue dated
July 15 1997
Katha Bladen by JK Publisher Sworn and subscribed to before
me this 15th day of
July 1997
Jode Densou Notary Public.

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, Ouay Valley, Inc., P.O. Box 10280, Midland, Texas; 79702, 915/687-4220. #15318

This newspaper is duly qualified o 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.

My Commission expires October 18, 2000

(Seal)

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