

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
811 South First, Artesia, NM 87210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources  
OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-103  
Revised March 25, 1999

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-30030
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Water Injector		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator St. Mary Land & Exploration c/o Nance Petroleum Corp.		6. State Oil & Gas Lease No.
3. Address of Operator P. O. Box 7168 - Billings, MT 59103		7. Lease Name or Unit Agreement Name: Parkway Delaware Unit
4. Well Location Unit Letter <u>P</u> : <u>1210</u> feet from the <u>S</u> line and <u>1210</u> feet from the <u>E</u> line Section <u>35</u> Township <u>19S</u> Range <u>29E</u> NMPM County <u>Eddy</u>		8. Well No. PDU 509
10. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>3334' KB</u>		9. Pool name or Wildcat Parkway Delaware

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

12/3-10/00 Released packer and pulled injection tubing. Cleaned out fill to PBTD. Frac'd existing perfs down 4 1/2" casing with 23,559 gallons gel and 42,740#'s 20/40 sand ramped from 1-8 ppg. Avg rate = 14.4 BPM, Avg P = 930 psi, ISIP = 852#. Flowed and swabbed back until gel broke. Cleaned out sand to PBTD. Reran injection equipment - unable to get packer to set within 100' of perfs. Finally set packer at 4059'. Loaded annulus with packer fluid and performed MIT. RTI.

12/11/00 Notified Peter Chester of BLM and Mark Ashley with NMOCD of difficulty setting packer - OK as we ultimately intend to flood upper Brushy Canyon in addition to current lower interval.

01/01/01 Before rate 0 BWPD @ 1100 psi, after rate 450 BWPD @ 800 psi.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Herb Thackeray TITLE Operations Engineer DATE 01/03/01

Type or print name Herb Thackeray Telephone No. (406)245-6248  
(This space for State use)

APPROVED BY Special Agent TITLE  DATE 1/16/01  
Conditions of approval, if any:

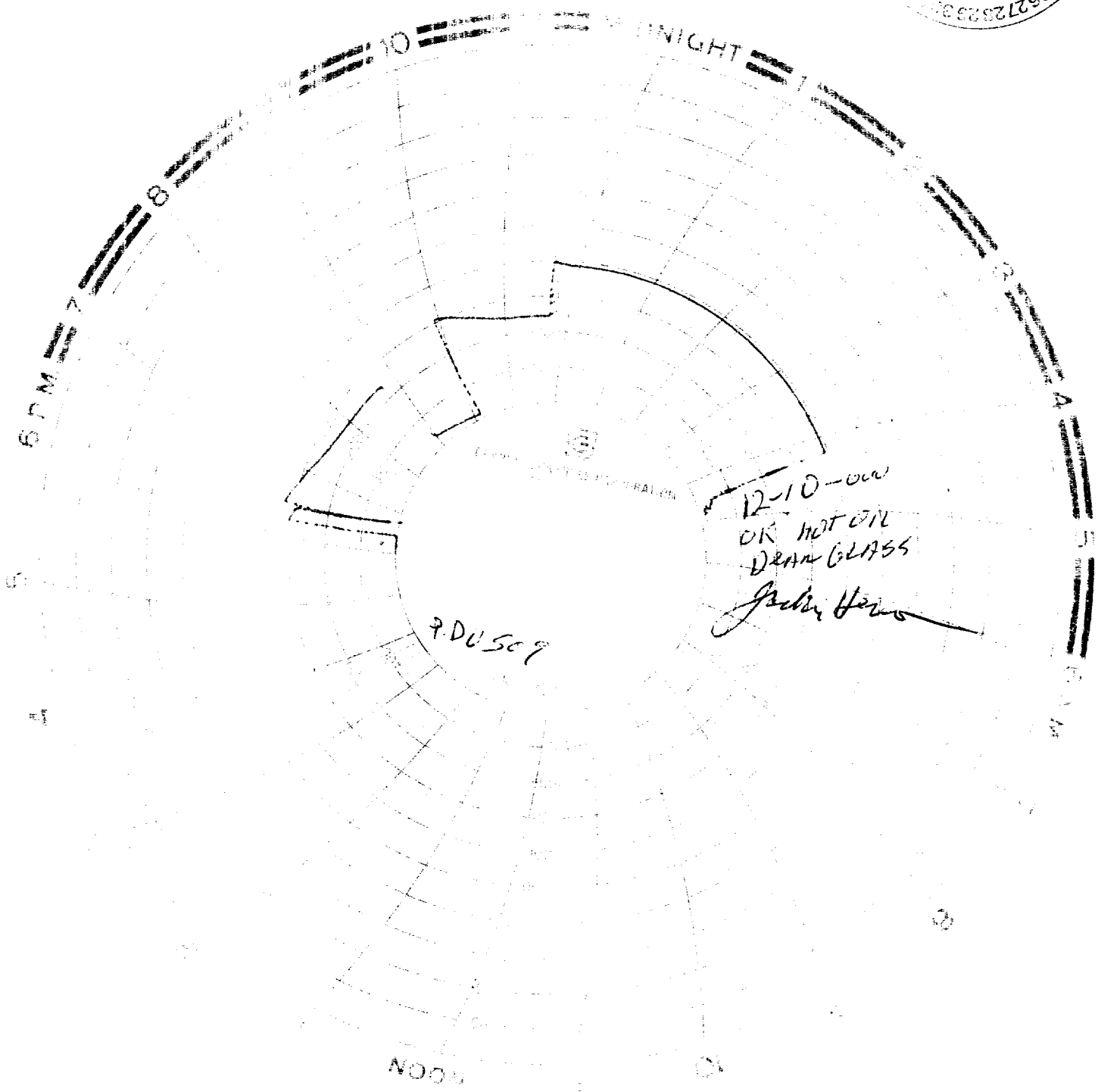
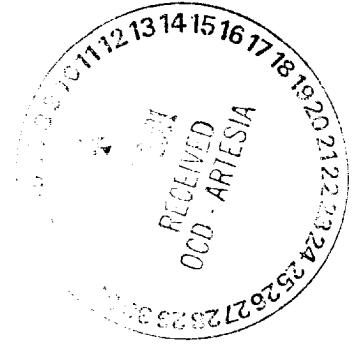
PARKWAY DELAWARE UNIT #509

UL: P Sec. 35-T195-R29E

Eddy Co. NM

St. Mary Land + Exploration Co.

MIT 12/10/00



# WELLBORE DIAGRAM

## PARKWAY DELAWARE UNIT #509

LEASE: PDU  
 LOCATION: 1210' FSL & 1210' FEL  
 FIELD: PARKWAY  
 CURRENT STAT. WATER INJ.

WELL NO. 509  
 UL: P SEC: 35 T: 19S R: 29E  
 GL: 3322' CT/ST: EDDY,NM  
 KB: 3334' DF: 3333'

API #: 30-015-30030  
 SPUD: 1/15/98  
 COMP: 1/98  
 INITIAL FORM: DELAWARE "C"

**CURRENT  
WELLBORE**

129 JTS. 2 3/8"  
FGL TBG

LOK-SET @ 4069'

13 3/8" 48# H-40 @ 314'  
CIRC. W/ 400 SX

9 5/8" 36# J-55 @ 1500'  
CIRC. W/ 720 SX

7" 20# J-55 @ 3000'  
CIRC. W/ 350+ SX

### DELAWARE "C" PERFS (95 holes)

= 4204-12 (8)  
 = 4218-25 (7)  
 = 4232-42 (10)  
 = 4252-4324 (70)

4 1/2" 10.5# J-55 @ 4394'  
 CMT'D W/ 200 SX  
 TOC @ 2380'

### WELL HISTORY

1/29-31/98 Spot 425g 10% acetic acid  
 Run GR/CCL/CBL & Perf  
 Breakdown w/ 2500g 15% HCl  
 dropping 150 BS's throughout  
 6 BPM @ 480-2750 psi  
 balled out with 135 balls  
 Flushed w/ 120 Bbbls 2% KCl  
 Initial Rate : 280-380 BWPD @ 100-300 psi  
 12/15/98 Acidize w/ 1000g 15%HCl  
 2/17/1999 Acidize w/ 1500g 15%HCl  
 7/15/1999 Acidize w/ 1000g 15%HCl  
 10/4/1999 Acidize w/ 2000g 15%HCl  
 12/2/1999 Acidize w/ 2000g 15%HCl  
 12/5/2000 Frac w/ 23000g gel &  
 42740# 20/40 sand @14.4 BPM  
 avg. 930#, ISIP=852#, 10min=810#  
 B: 0 bw @ 1100#  
 A: 450 BW @ 800#

DATE: 1/03/01  
 PREPARED BY:  
 HRT

PBTD: 4344' FC  
 TD: 4400'