

State of New Mexico
Energy, Mine and Natural Resources Department
OIL CONSERVATION DIVISION
2040 Pacheco St.
Santa Fe, New Mexico 87505

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 380, Hobbs, NM 88240

DISTRICT I
P.O. Drawer DD, Artesia, NM 88210

DISTRICT I
1000 Rio Brazons Rd, Aztec, NM 87410

WELL API NO.

30-045-30096

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

VA 235

7. Lease Name or Unit Agreement Name

Cowsaround SWD

8. Well No.

#1

9. Pool name or Wildcat

SWD Blanco Mesa Verde

SUNDRY NOTICES AND REPORTS ON WELLS

(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)

1. Type of Well:

OIL

GAS

WELL ☐

WELL ☐

OTHER

Salt Water Disposal

2. Name of Operator

Pendragon Energy Partners

3. Address of Operator

c/o Walsh Engineering, 7415 East Main Street, Farmington, NM 87402

4. Well Location

Unit Letter K : 2220 Feet From The South Line and 1680'

Feet From The West Line

Section 16

Township 26N Range 12W

NMPM

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

6016' GR

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

11. NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABAND ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG & ABANDONMENT ☐

CASING TEST AND CEMENT JOBS ☐

OTHER: See Below ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent date, including estimated date of starting any proposed work).
SEE RULE 1103.

Pendragon Energy Partners completed this Salt Water Disposal well according to the attached treatment reports.

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

SIGNATURE

Paul C. Thompson

TITLE Agent/Engineer

DATE 02/26/02

TYPE OR PRINT NAME

Paul C. Thompson

TELEPHONE NO.

(505) 327-4892

(This space for State Use)

APPROVED BY

APPROVED BY CLERK OF DISTRICT COURT

TITLE

OFFICE OF OIL & GAS INSPECTION

DATE

MAY 22 2002

CONDITIONS OF APPROVAL, IF ANY:

FRACTURE TREATMENT REPORT

Operator: Pendragon Energy Partners Well Name: Cowsaround SWD #1
 Date: 13-Feb-02
 Field: Blanco Mesa Verde Location: 16/26N/12W County: San Juan State: NM
 Stimulation Company: American Energy Supervisor: Paul Thompson

Stage #: 1/2 Point Lookout and some Menefee

Sand on location : Design: 65,000 Weight ticket: 130,130 Size/type: 20/40 Brady
 Fluid on location : No. of Tanks: 8 Strap: 20' Amount: 3,200 Usable: 2,880

Perforations:
 Depth: 3881' - 3153' Total Holes: 37 PBTD: 3986' KB
 Shots per foot: 1 EHD: 0.42" - 0.38"

Breakdown:
 Acid: 1000 gals 15% HCl Comments:
 Balls: 70 Well broke at 1930#. Disp acid at 8 BPM and 1300 psi.
 Pressure: 1300# - 3500# Rate: 4 - 15 BPM
 Good ball action to 3500#.
 Recovered 67 balls with 35 hits.

Stimulation:
 ATP: 1850 # AIR: 71 BPM
 MTP: 2040 # MIR: 72 BPM

	Sand Stage	Pressure	Breaker test
ISIP: 1030 #	pad	1720# - 1800# at 68 - 72 BPM	
5 min: 745 #	1.0 ppg	1800# - 68 BPM	
10 min: 670 #	1.5 ppg	1890# - 71 BPM	
15 min: 630 #	2.0 ppg	1900# - 70 BPM	

Job Complete at: 1200 hrs. Date: 2/13/02 Start flow back:
 Total Fluid Pumped: 1119 BBLS
 Total Sand Pumped: 65,000 Total Sand on Formation: 65,000
 Total Nitrogen Pumped: NA

Notes:

Pumped 242 bbl of the pad and shut down to tighten cap on the frac valve. Extended pad an additional 100 bbls once pumping was resumed.

Signature Paul Thompson

FRACTURE TREATMENT REPORT

Operator: Pendragon Energy Partners Well Name: Cowsaround SWD #1
 Date: 13-Feb-02
 Field: Blanco Mesa Verde Location: 16/26N12W County: San Juan State: NM
 Stimulation Company: American Energy Supervisor: Paul Thompson

Stage #: 2/2 Menefee and Cliff House

Sand on location : Design: 65,000 Weight ticket: 65,000 Size/type: 20/40 Brady

Fluid on location : No. of Tanks: 8 Strap: 11.5 Amount: 1,840 Usable: 1,520

Perforations:
 Depth: 2008' - 2991' Total Holes: 35 PBTD: 3090' KB
 Shots per foot: 1 EHD: 0.38" CIBP

Breakdown:
 Acid: 1000 gals 15% HCl Comments:
 Balls: 70 Well broke at 1550#. Disp acid at 15 BPM and 1600 psi.
 Pressure: 1100# - 3500# Rate: 4 - 15 BPM
 Good ball action to 3500#.
 Recovered 52 balls with 26 hits.

Stimulation:
 ATP: 2000 # AIR: 71 BPM
 MTP: 2200 # MIR: 75 BPM

	Sand Stage	Pressure	Breaker test
ISIP: 926 #	pad	1850# at 75 BPM	
5 min: 495 #	1.0 ppg	1800# - 74 BPM	
10 min: 308 #	1.5 ppg	2000# - 71 BPM	
15 min: 220 #	2.0 ppg	2100# - 71 BPM	

Job Complete at: 1600 hrs. Date: 2/13/02 Start flow back: 1800 hrs Vacuum
 Total Fluid Pumped: 1042 BBLS
 Total Sand Pumped: 65,000 Total Sand on Formation: 65,000
 Total Nitrogen Pumped: NA

Notes:

Opened well at 1800 hrs - well was on a vacuum.

Signature Paul Thompson