

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
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. <b>30-025-35945</b>
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator <b>Matador Operating Company</b>		6. State Oil & Gas Lease No.
3. Address of Operator <b>310 W. Wall, Suite 906, Midland, Texas 79701</b>		7. Lease Name or Unit Agreement Name: <b>Bertha Barber</b>
4. Well Location Unit Letter <b>E</b> : <b>1840</b> feet from the <b>North</b> line and <b>660</b> feet from the <b>West</b> line Section <b>5</b> Township <b>20-S</b> Range <b>35-E</b> NMPM <b>Lea</b> County		8. Well No. <b>20</b>
10. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>3558 GR</b>		9. Pool name or Wildcat

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 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 checked="" 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.

12/30/02 Notified OCD, Sylvia Dickey. MIRU Triple N rig #25. Opened well, flowed 1 hrs, would not flow down. RU cementer and pumped 50 bbls brine down casing to kill well. ND wellhead, NU BOP. RIH w/ 4 1/2" HM tbg-set CIBP on 180 jts 2-3/8" workstring, SDFN.

12/31/02 Notified OCD, Buddy Hill. Set CIBP @ 5,673'. Pumped 45 sx C cmt 5,673 - 4,989'. WOC 3 1/2 hrs. Tagged cmt @ 5,072'. Pumped 25 sx C cmt 3,245 - 2,865'. Pumped 25 sx C cmt 2,300 - 1,020'. POOH. ND BOP. RIH w/ tubing to 1,264'. Loaded hole and circulated 80 sx C cmt 1,264' to surface. POOH w/ tbg and topped off wellbore w/ 10 sx C cmt.

Cut off wellhead and installed dryhole marker. Cut off anchors. leveled pit and cellar.

Approved as to plugging of the Well Bore  
Liability under bond is retained until  
surface restoration is completed

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


SIGNATURE  TITLE **Engineer** DATE **1/7/03**

Type or print name **James F. Newman, P.E.** Telephone No. **915-687-1994**

(This space for State use)

APPROVED BY

Conditions of approval, if any:

  
GARY W. WINK  
OC FIELD REPRESENTATIVE II/STAFF MANAGER

DATE **JAN 22 2003**

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WELL API NO.  
30-025-35945

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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 Well ☐ Gas Well ☒ Other ☐ Dry Hole

2. Name of Operator

Matador Operating Company

3. Address of Operator

310 W. Wall, Suite 906 Midland, TX 79701

4. Well Location

Unit Letter E : 1840 feet from the North line and 660 feet from the West line

Section 5 Township 20S Range 37E NMPM Lea County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3558 GR

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: Completion ☒

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.

See Attachment

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

SIGNATURE Russ Mathis TITLE Production Manager DATE 12/17/02

Type or print name Russ Mathis

Telephone No. (915) 687-5955

(This space for State use)

ORIGINAL SIGNED BY

APPROVED BY [Signature] TITLE PRODUCTION ENGINEER DATE DEC 23 2002

Conditions of approval, if any:

# Matador Operating Company

Bertha Barber #20  
Sec 5, T20S, R37E

API #30-025-35945  
Lea County, NM

8/23/2002 MIRUPU

8/29/2002 Received 215 joints 2-3/8" EUE 8rd 4.7# J-55 tubing (threads on 6824.58 - threads off - 6785.27). Filled reverse pit with FW. RIH with 3-7/8" RR bit, 4-1/2" casing scrapper, 4 3-1/8" DC and tubing. Tagged-up at 3874'. Attempted to test casing and BOP leaked. Change out BOP. Bled 45 psig off 4-1/2" x 8-5/8" annulus. Tested casing to 2000 psig - ok. Drilled DV. Passed bit and scrapper through DV 20 times. Tested casing to 2000 psig - ok. RIH with tubing and tagged PBTD at 6659' KB. Circulated hole clean. Laid down 2 joints tubing. SWI, SDON. Vacuum truck skimming oil off reserve pit.

9/3/2002 RIH with SN and 204 joints tubing. RU Schlumberger and spot 500 gals 15% NEFE DI LST HCL. POH with tubing. ND BOP and NU frac valve. Tested casing, wellhead and valves to 5000 psig - ok. RU Computalog and **perforated** Tubb/Drinkard from 6364-66, 6392-96, 6434-37, 4 SPF, 3-1/8" casing guns, .12 gram, 22.4" penetration, .38 entry hole. Fluid level after perforating 1000 FFS. RU Schlumberger, loaded hole with 17 bbls, pressure increased to 1750 psig. After 18 bbls away SD. ISIP, 1300, 5 min 700, 10 min 114. SWI, SDON. Contractor set 1 acid tank, 2 water tanks and loaded tanks with FW. SWI, SDON.

9/4/2002 Acid Frac

Remarks : Install casing saver. The casing was on a vacuum. RU Schlumberger to acid frac Tubb Drinkard from 6364-66, 6392-95, 6434-37 as follows: stage 1 - 47.6 bbls 15% DGA. Casing loaded after 22 bbls, FL at 1400' (BHP 2140 psi) pumping 5 bpm 3260 psig. Stage 2 - 71.4 bbls YF-130 X-Link, 5 bpm at 3300 psig, Stage 3 - 119 bbls YF-130 X-Link 40 bpm 4300 psig. Stage 4 - 119 bbls 15% DGA 40 bpm, Stage 5 - 119 bbls YF-130 40 bpm at 4400 psig with 20 ball sealers. Stage 6 - 119 bbls 15% DGA at 30-35 bpm at 5300 psig due to ball action. Stage 7 - 285 bbls slick water increased rate to 40 bpm at 5840 psig average, 6020 psig max pressure. SD. ISIP 2583, 5 min 2147, 10 min 1749, 15 min 1460. SWI. RD Tree Saver. RU flowback line. After 1 hour 30 mins casing pressure is 250 psig. Opened well to frac tank with pressure falling to 0. ND frac valve, NU BOP. RIH with 4-1/2" x 2-3/8" packer, SN, and 198 joints tubing. Pumped 80 bbls FW in tubing/casing annulus, set packer, tested packer to 500 psig - ok. RU swab. IFL 60, 1300', 1600', 1300'. Pulling 2000' of fluid each run. Recovered 27 bbls on runs and well started flowing. Tubing pressure increased to 110 psig on a open choke. Well decreased rate and pressure during the night. Total flowing production 52 bbls water and 9 bbls oil in 11 hrs. Last hour recovered .75 oil and .25 water. Estimate gas rate at 300 MCFD based on 48/64 choke and 20 psi FTP. TLTR 909, TLR 79, TLLTR 830.

Date : 9/5/2002

Activity: Install tree

Remarks : Well is open to test tank. Flowing 1-3 bpr with 300 mcf rate gas. Pumped 10 bbls FW with packer fluid in tubing on a vacuum. Released packer, ND BOP, install wrap around and tree. Reverse circulate 85 bbls FW containing packer fluid. Set packer with 16 points compression, NU tree. Start swabbing. IFL 1300', made 18 runs, recovered 11.5 oil, 60.5 water. EFL 5800'. Recovering 200-300' of fluid on each run at 2 runs/hour. LWOTT, SDON. TLTR 909, TLR 139, TLLTR 770.

Date : 9/6/2002

Activity: Swabbing

Remarks : Well is open to test tank. Started swabbing. IFL 2800', made 5 runs, and FL is at 6000'. Continue to swab after 1 hour SD between runs. Recovering 1-1.5 bbls per run. At 3:00 pm SWI for 30 mins with tubing pressure building to 250 psig. Recovered 8 bbls oil, 16 water. EFL 6000'. Recovering 100-150' of fluid on each run. Left well open to tank on a 24/64" choke over night. LWOTT, SDON. TLTR 909, TLR 155, TLLTR 754.

Date : 9/7/2002

Activity: Swabbing

Remarks : Well is open to test tank, with 40 psig, 24/64" choke with 130 mcf rate. Start swabbing. IFL 2000', made 3 runs, and FL is at 6000'. Continued to swab after 1 hour SD between runs. Made a total of 7 runs. Recovered 6 bbls oil, 12.5 water. EFL 6000'. LWOTT, SDON. TLTR 909, TLR 167.5, TLLTR 741.5. Released all test equipment and personal.

Date : 9/8/2002

Activity: SDFWE