

OPERATOR: MATADOR PETROLEUM CORP.  
WELL/LEASE: BERTHA BARBER #20  
COUNTY: LEA

E-5-20s.37e 076-0024  
1840/N & 660/W  
30-025-35945

STATE OF NEW MEXICO  
DEVIATION REPORT

414	1
711	1/2
1,212	1 1/2
1,370	1
1,681	1
1,927	1 1/2
2,050	1 3/4
2,175	1 3/4
2,300	1 3/4
2,425	1 1/2
2,550	1 1/2
2,739	1 1/2
2,983	1 3/4
3,077	2 3/4
3,171	2
3,234	2 1/2
3,325	2
3,513	2
3,954	2 3/4
5,282	2 1/4
5,501	1 3/4
6,714	3

By: [Signature]

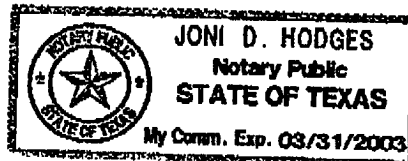
STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 30th day of August, 2002, by Steve Moore on behalf of Patterson-UTi Drilling Company LP, LLLP.

[Signature]  
Notary Public for Midland County, Texas

My Commission Expires: 3/31/2003



[Signature]

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

Form C-103  
Revised March 25, 1999

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-025-35945
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Bertha Barber
8. Well No. 20
9. Pool name or Wildcat

**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

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

Propose to P&A well as follows:

- Set CIBP @ 5960 w/ 35 ft cmt plug from 5655-5690. Blinebry Plug
- Set CIBP @ 5350 w/ 35 ft cmt plug from 5315-5350. Paddock Plug
- Set CIBP @ 5120 w/ 35 ft cmt plug from 5085-5120. Glorietta Plug
- Circ well w/ brine gel
- Spot 25 sx cmt from 3120-3220 Queen Plug
- Spot 25 sx cmt from 2200-2300 Yates Plug
- Spot 25 sx cmt from 1162-1262 8-5/8" Shoe plug
- Spot 25 sx cmt from 300-400
- Spot 10 sx surface plug. Weld on plate and dry hole marker
- Fill cellar and remove deadmen

THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF PLUGGING OPERATIONS FOR THE WELL TO BE APPROVED

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 12/20/02

Type or print name Russ Mathis Telephone No. (915) 687-5955

APPROVED BY PAUL F. KAUTZ TITLE PETROLEUM ENGINEER DATE DEC 20 2002

Submit 3 Copies To Appropriate District Office  
 District I  
 1625 N. French Dr., Hobbs, NM 87240  
 District II  
 1301 W. Grand Avenue, Artesia, NM 88210  
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 District IV  
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised March 25, 1999

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

WELL API NO. 30-025-35945
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
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

7. Lease Name or Unit Agreement Name:  
  
 Bertha Barber

2. Name of Operator  
 Matador Operating Company

8. Well No.  
 20

3. Address of Operator  
 8340 Meadow Road #150, Dallas, TX 75231

9. Pool name or Wildcat Monument; Tubb

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.)  
 GR: 3558'

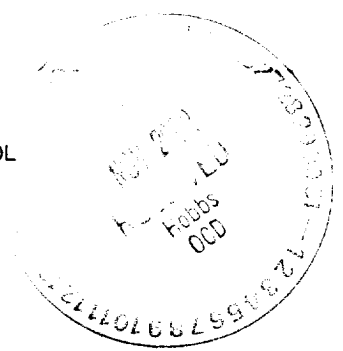
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NOTICE OF INTENTION TO:  
 PERFORM REMEDIAL WORK  PLUG AND ABANDON   
 TEMPORARILY ABANDON  CHANGE PLANS   
 PULL OR ALTER CASING  MULTIPLE COMPLETION   
 OTHER:

SUBSEQUENT REPORT OF:  
 REMEDIAL WORK  ALTERING CASING   
 COMMENCE DRILLING OPNS.  PLUG AND ABANDONMENT   
 CASING TEST AND CEMENT JOB   
 OTHER:

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 recompilation.

RU CSG CREW - RAN 155 JTS OF 4-1/2" 11.6# N-80 LT&C CSG (TOTAL 6,735.07' - SET AT 6,714')  
 WAITING ON HALLIBURTON - ON BOTTOM W/ CSG - CIRC  
 FIRST STAGE: PUMP 10 BBL H2O + 20 BBL SUPERFLUSH 102. CEMENT w/ 550 sx SUPER H + 3# SALT + .4/10% CFR-3 + 5/10% HALAD-344 + 5# GILSONITE (13 PPG, YLD 1.67) DISPLACE w/ 57 BBL H2O LAST 10 BBL HAD RED DYE + 47 BBL MUD - LANDED PLUG (CHECK FLOAT "OK")  
 FIRST STAGE COMPLETED AT 5:30 CST 8/25/2002  
 DROP BOMB - OPEN DV TOOL - CIRC DV TOOL - CEMENT DID NOT CIRC - DIF PRES = 860#- CIRC DV TOOL  
 PUMP 20 BBL FW AHEAD. CMT w/ 900 sx INTERFILL "C" + 1/4# FLOCELE + 5# GILSONITE (11.5 PPG, YLD 2.73). TAIL IN w/ 100 sx CLASS "C" NEAT (14.8 PPG YLD 1.32).  
 DISPLACE W/ 60 BBL H2O - LAND PLUG - CLOSE DV TOOL "OK" - CIRC 50 sx CEMENT TO PIT  
 JOB COMPLETED AT 12:15  
 NIPPLE DOWN BOP - SET SLIP W/ 70,000# - CUT OFF CSG - SET OUT BOP - INSTALL 11" 3M psi x 7-1/16 5M psi TUBING HEAD. Rig released 8/25/02.



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

SIGNATURE Sharon Cook TITLE Regulatory Analyst DATE 11/15/02

Type or print name Sharon Cook Telephone No. 214 987-7174

(This space for State use)

APPROVED BY \_\_\_\_\_  
 Conditions of approval, if any:

ORIGINAL SIGNED BY GARY W. WINK DATE NOV 22 2002  
 OC FIELD REPRESENTATIVE II/STAFF MANAGER

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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 checked="" type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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Spudded well on 7/30/02. Drilled 12-1/4" hole to 1212'. On 9/30/02 ran 29 jts of 8-5/8" J-55 STC (TOTAL 1,222.68', SET @ 1,212')

CIRC - STARTED LOSING MUD - FINALLY LOST ALL CIRC - PUMPED 50 BBLS - GOT 50% CIRC - MIX LCM PILL PUMP 40 BBL SWEEP - HAD 75% CIRC THEN LOST ALL CIRC - PUMP 40 BBL LCM PILL [VIS 40 WT 8.6 17PPB LCM] AHEAD OF CEMENT

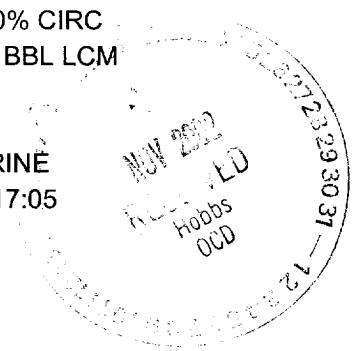
LEAD w/ 360 sx CLASS "C" LT + 6# SALT + 1/4# FLOCELE (12.5 PPG, YLD 1.99)

TAIL IN w/ 200 sx CLASS "C" + 2% CaCl2 (14.8 PPG, YLD 1.32). DISPLACE w/ 75 BBL BRINE

LAND PLUG W 500# OVER - CHECK FLOAT "OK". CIRC 145 sx TO PITS -COMPLETED 17:05 WOC

CUT OFF CONDUCTOR & 8 5/8" CSG - INSTALL 8 5/8" SOW X 11" 3M PSI CSG HEAD

NIPPLE UP 13 5/8" BOP AND ANNULAR - TEST BLIND RAM TO 1000 PSI "OK" - CHOKE MANIFOLD TO 1000 "OK"



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

SIGNATURE Sharon Cook TITLE Regulatory Analyst DATE 11/15/02

Type or print name Sharon Cook Telephone No. 214 987-7174  
 (This space for State use)

APPROVED BY GARY MEWINK DATE NOV 22 2002  
 Conditions of approval, if any: OC FIELD REPRESENTATIVE II/STAFF MANAGER