

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
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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. 30-025-36252
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: Cooper 3
8. Well No. 7
9. Pool name or Wildcat Monument; Paddock

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

2. Name of Operator
Matador Operating Company

3. Address of Operator
310 W. Wall, Suite 906 Midland, TX 79701

4. Well Location

Unit Letter C : 990 feet from the North line and 2310 feet from the West line

Section 3 Township 20S Range 37E NMPM Lea County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
3559 GL

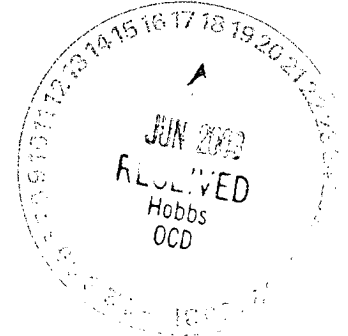
11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

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 recompilation.

See Attached



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 6/16/03

Type or print name Russ Mathis
(This space for State use)

Telephone No. (915) 687-5955

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE JUL 02 2003
Conditions of approval, if any:

Matador Operating Company

Cooper 3 #7
Sec 3, T20S, R37E

API #30-025-36252
Lea County, NM

Date : 5/19/2003

Activity: Inspect Casing

Days On Completion: 1

Remarks : Drl to 5900' - made 110'. Reached TD @ 12:45 hrs on 5/18/03. CBU & TOO. RU & log well. Running porosity logs @ RT. Expect to run prod csg & move to Shelley 36 St #2 and set surf csg this week.

Date : 5/20/2003

Activity: Cementing

Days On Completion: 2

Remarks : Fin logging. TIH & CBU. TOO & LDDP & DC's. Run prod csg. Cmtg 2nd stage @ RT. Will rel rig today.

Date : 5/21/2003

Activity: RD

Days On Completion: 3

Remarks : Fin cmtg 2nd stage. Set slips & NU tbghd. Rel Patterson #76 @ 1500 on 5/20/03.

Date : 6/2/2003

Activity: Drill DV

Days On Completion: 15

Remarks : Inspected wellhead. Inspection was good. Noted 575 psi on 4-1/2" x 8-5/8" annulus. Bled off pressure. Installed BOP and pressure tested casing, wellhead, and BOP blind rams to 1500 psi. Test was good. RIH with rerun 3-7/8" milltooth bit, 4-1/2" casing scraper, 4 3-1/8" drill collars, 2-3/8" J-55 8rd eue tubing. Tagged cement above DV tool at 3806' KB. Drilled 28' of cement down to DV tool at 3832' KB in 45 mins. Drilled DV Tool from 3832' to 3834' KB in 45 mins. Ran scraper thru DV tool 10 times rotating, 10 times 1/4 turn and 10 times without rotation. Had no drag. Pressure tested DV tool, casing and BOP pipe rams to 1500 psi. Test was good. RIH with tubing and tagged cement on top of float collar at 5826' KB. Drilled cement from 5826' to 5852' KB in 15 mins. Circulated well clean. Pulled bottom of bit up to 5832' KB. SWI and SDON.

Date : 6/3/2003

Activity: Perforate

Days On Completion: 16

Remarks : RIH with tubing to 5852' PBTD. Spotted 5 bbls 10# brine. Pulled EOT to 5784, reversed excess brine to pit. Pickled tubing and perforation zone with 250 gals 15% HCL. Reversed acid to pit. Spotted 1000 gals 15% NEFE DI LST HCL. POOH with tubing. RU Apollo Perforators. Ran CBL, GR, CCL from 5852' to 5200 with 0 psi. Pressured casing to 1500 psi and logged 5852 to 4500'. Perforated Blinbry from 5746-53 (28 holes), 5778-84 (24 holes) with 3-1/8" 4 JSPF, 90 deg phasing, 12 gram charge, .37 EH, 13.1" penetration. Pumped acid away at 2 BPM at 2700 psi. ISIP 2550, 5 min 2470, 10 min 2430, 15 min 2410. Bled 3 bbls to pit. RIH with 4-1/2" RBP with ball catcher, 4-1/2" HD 10K Packer with Mech CCL, SN, and 186 joints tubing to 5820. Set RBP at 5820. POH with 4 joints to 5680, reversed 60 bbls FW. With 20 bbls pumped, slight oil cut on returns. Set packer at 5680, tested annulus to 1000 psi. Started swabbing, IFL surface, made 5 runs to SN. Sixth run recovered 100' of fluid. Seventh run made no recovery. EFL 5680'. Recovered 21 bbls to test tank. LWOTT, SDON. 24 BTLR of 48 BTL. 24 BTLTR.

Date : 6/4/2003

Activity: Acidize

Days On Completion: 17

Remarks : Well open to pit on 8/64" choke FTP 0 (static) SICP 0. RIH with swab. Tagged FL at 5400' FS. Recovered 1 bbl with 15% oil cut. Made 4 more swab runs with oil cut fluid tstm. RD swab. MIRU Halliburton and acidized the Blinbry perms from 5746' to 5784' with 5000 gals 20% HCL NEFE acid + additives staged with 50 - 7/8" ball sealers as follows. Pumped 59.5 bbls acid, dropped 50 balls. Pumped 59.5 bbls acid flush with 23.5 bw FW at 7.6 bpm 3750 psi with 350 psi ball action. ISIP 2466, 5 min 2446, 10 min 2431, 15 min 2406. RDMO Halliburton. 38 mins SI 2350, 138 blwtr. Opened to test tank working choke to 3/4" choke. Well dead enough to swab in 45 mins. RIH with swab. IFL 1500' FS. Made 7 swab runs, dry in 5 runs with no recovery on last 2. Recovered 35 blw flowing, 19 blw swabbing, -84 blw from today, 109 blwtr total. No live acid after 3 runs and 2% oil cut on run #5, #6 and #7 were dry. Set choke on 8/64" with light blow of acid gas SDON.

Matador Operating Company

Cooper 3 #7
Sec 3, T20S, R37E

API #30-025-36252
Lea County, NM

Date : 6/5/2003

Activity: Swabbing

Days On Completion: 18

Remarks : Well open to pit on 8/64" choke FTP 0 (light blow of natural gas) SICP 0. RIH with swab. Tagged FL at 4100' FS. Pulled from SN at 5682'. Recovered 7 bbls with 45% oil cut. Made 2nd swab run. Could not feel fluid tag. Recovered 1/2 bbl with 2% oil cut. Waited 1 hour tag no fluid recovered a very small amount fluid tstm with 4% oil cut. SD, waited 2 hours. RIH with swab. Tagged at 5450' FS = 232'. Recovered 1/2 bbl with 5% oil cut. Installed choke and low pressure gauge. Left on 8/64" choke with light blow. SD. Recovered today in 4 swab runs 3 bo + 5 blw -104 blwtr. Prep to swab AM.

Date : 6/6/2003

Activity: Swabbing

Days On Completion: 19

Remarks : Well open with 3 psi on a 8/64" choke. Started swabbing. IFL 4300'. Pulled from SN. Recovered 4.5 bbls with 10% oil cut. Second run FL at SN with no recovery. Third run FL SN with no recovery. Recovered 5 bbls today. SDOWE.

Date : 6/7/2003

Activity: SDFWE

Days On Completion: 20

Remarks :

Date : 6/8/2003

Activity: SDFWE

Days On Completion: 21

Remarks :

Date : 6/9/2003

Activity: Set CIBP

Days On Completion: 22

Remarks : SITP this AM was 340 psi. Opened up well to test tank and blew well down. Swabbed well from 3000' (IFL) to 5682' (Seat Nipple) with 8 swab runs in 7 hours and recovered 8.5 bbls total fluid. Average oil cut was 10%. Recovered 6 bbls on the first two runs and swabbed well dry. Had 100% oil on the first run and 3% oil on the second run. Made 1 swab run per hour on the last 6 swab runs. The last 7 swab runs were pulled from the seating nipple. EFL was 5600'. RU pump truck and loaded tubing with 20 bbls fresh water. Released packer and RIH with tubing and engaged RBP. POOH with tubing and tools. Laid down tools. RU JSI wireline services. RIH and set Halliburton 10K EZ Drill CIBP at 5700' as per CCL log. Pump truck tested CIBP to 2000 psi. Test was good. Dump bailed 35' of cement on top of plug. SWI and SDON.

Date : 6/10/2003

Activity: Perforate

Days On Completion: 23

Remarks : RIH with tubing and tagged cement on top of CIBP at 5694' KB. (Difference between WL and tubing measurement). RU McClaskey pump truck and spotted 10 bbls brine water containing corrosion inhibitor. POOH with tubing to bottom perf. At 5326' KB. Reversed out excess Brine water with 25 bbls fresh water. Spotted 1000 gals 15% Hcl containing NEFE, DI and LST additives. POOH with tubing. RU Apollo Perforators wireline services and perforated 4-1/2" casing with 3-1/8" expendable guns from 5315' - 5326' (11', 44 holes). All shots were 12 grams, .38" EH, 13.10" penetration, 90 degree phased. All shots fired. Closed blind rams and put acid away into formation at 2.6 bpm, 0 psi. Perfs had broken under the hydrostatic pressure of the fresh water. Pumped 26 bbls of water to flush all acid into perfs and casing did not load. RIH with 2-3/8" x 4-1/2" packer and tubing to 5248' KB. Set packer in 15 points compression. Tested annulus to 1000 psi. Test was good. Opened packer bypass and reversed circulated down annulus with 25 bbls. Began swabbing. Swabbed well from 1600' to 3800' with 7 swab runs in 2-1/2 hours and recovered 56 bbls of total fluid. Had a 12% oil cut on the 4th run with a good gas blow. Runs 5 thru 7 oil cut increased to 37%. Recovered 15.5 BO, 13 BW with a very good gas blow on the last 4 swab runs. EFL was 1600'. Closed well in for 1 hour to empty test tank and SITP increased from 200 psi to 240 psi. Opened well to tank and well began flowing. Pressure dropped and stabilized at 140 psi. After flowing for 1 hour, oil cut was at 100% with a very strong gas blow. As of 5:00 AM CDT 6/11/03 well was still flowing at a rate of 408 BO/Day, 0 BW/Day with a very strong gas blow. Oil gravity is 38.6 a 60 degrees F. FTP is 220 psi on a 22/64" choke.

Matador Operating Company

Cooper 3 #7
Sec 3, T20S, R37E

API #30-025-36252
Lea County, NM

Date : 6/11/2003

Activity: Producing

Days On Completion: 24

Remarks : Received 2-3/8" x 5000 psi wellhead tree. Moved in and installed test separator and test tank. From 8:00 AM to 5:00 PM well flowed 152 BO and 0 BW. This equals to 405 bbls/day oil production rate. The gas rate is at 600 mcf/day. FTP was 290 psi. As of 5:00 AM CDT 6/12/03 well is flowing at a rate of 708 BO/day, 0 BW/day, 560 mcf/day. FTP is 270 psi on a 24/64" choke. Cum oil for the last 24 hours is 547.5 bbls. Cum oil since start of testing is 699 bbls. Cum gas since start of testing is 202 mcf.

Date : 6/12/2003

Activity: Install tree

Days On Completion: 25

Remarks : Shut in tubing and RU pump truck. Pumped 20 bbls fresh water down tubing to kill well. Max pressure was 500 psi at .25 bpm rate. Tubing went on vacuum after pumping 5 bbls. Released packer and POOH with tubing and packer. Exchanged packers and RIH with 2-3/8" x 4-1/2" AS 1 packer (New), 2-3/8" seating nipple and 168 joints 2-3/8" J-55 8rd eue tubing to 5248' KB. Left packer unset and pumped 60 bbls fresh water containing surfactant and corrosion inhibitor down annulus. Well did not circulate. TLTR - 80 bbls. Set packer in 10 points compression. Removed BOP and installed wellhead tree with wrap-a-round. Loaded annulus with 14.5 bbls packer fluid and pressure tested annulus to 500 psi. Test was good. TLTR - 74 bbls. Began swabbing. Swabbed well from 2100' to 3800' with 10 runs in 3 hours and recovered 50 bbls of total fluid. Started showing 2% oil cut on the 3rd swab run with good gas blow. Well started flowing with 100% oil cut on the 10th run with strong gas blow. Switched well through test separator with 210 FTP on a 24/64" choke. 1st hour through separator flow rate was 672 BO/day and 346 mcf/day. FTP was 220 psi. Well was still making a small amount of water from killing well this AM. Left well flowing on 24/64" choke. Flow rate stabilized at 720 BO/day and gas rate was 518 mcf/day. FTP was 255 psi. Adjusted choke to a 22/64" choke. As of 5:00 AM CDT 6/13/03 well was flowing at a rate of 576 BO/day, 0 BW/day, 488 mcf/day. FTP is 285 psi on a 22/64" choke. Cum oil for the last 24 hours is 465 bbls. Cum oil since start of testing is 1164 bbls. Cum gas for the last 24 hours is 324 mcf. Cum gas since start of testing is 526 mcf.

Tubing Detail:

168 jts 2-3/8" J-55 8rd eue	5229.01
2-3/8" Seat Nipple	1.10
2-3/8" x 4 1/2" AS 1 (New)	6.00
Slack off for packer	(3.25)
KB adjustment	15.00
EOT	5247.86

Tree has wrap-a-round packing

Date : 6/13/2003

Activity: Producing

Days On Completion: 26

Remarks : Rigged down pulling unit. As of 5:00 AM CDT 6/14/03 well is flowing at a rate of 564 BO/day, 0 BW/day, 640 mcf/day. FTP is 335 psi on a 22/64" choke. Cum oil for the last 24 hours is 628 bbls. Cum oil since start of testing is 1802 bbls. Cum gas for the last 24 hours is 537 mcf. Cum gas since start of testing is 1.063 mmcf.

Date : 6/14/2003

Activity: Producing

Days On Completion: 27

Remarks : As of 5:00 AM CDT 6/15/03 well is flowing at a rate of 444 BO/day, 0 BW/day, 741 mcf/day. FTP is 435 psi on a 20/64" choke. Cum totals for the last 24 hours are 518 BO, 2 BW and 518 mcf. Cum oil since start of testing is 2320 bbls. Cum gas since start of testing is 1.737 mmcf.

Date : 6/15/2003

Activity: Producing

Days On Completion: 28

Remarks : As of 5:00 AM CDT 6/16/03 well is flowing at a rate of 468 BO/day, 0 BW/day, 810 mcf/day. FTP is 455 psi on a 20/64" choke. Cum totals for the last 24 hours are 481 BO, 3 BW and 769 mcf. Cum oil since start of testing is 2801 bbls. Cum gas since start of testing is 2.506 mmcf.