

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

WELL API NO.

30-025-35794

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:

Cooper 4

8. Well No.

1

9. Pool name or Wildcat

Glorieta, Paddock & Blinbry 92294

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 ☐ AD Order SWD-839

2. Name of Operator

Matador Operating Company

3. Address of Operator

508 Wall, Suite 500 Midland, TX 79701

4. Well Location

Unit Letter N : 660 feet from the North line and 1845 feet from the West line

Section 4 Township 20S Range 37E NMPM Lea County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
3555 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 - SWD ☒

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



SWD-839

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 7/30/03

Type or print name Russ Mathis

Telephone No. (432) 688-9771

(This space for State use)

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE SEP 10 2003

Conditions of approval, if any:

Matador Operating Company

COOPER 4 #1
Sec. 4, T20S, R37E

API #30-025-35794
Lea County, New Mexico

Date : 3/27/2002 – 9/8/2002

Activity: SI

Date : 9/9/2002

Activity: Injection Test

Remarks : MIRUPU. Tubing 400 psig. Tubing/casing annulus 550 psig. Set test tank and bled tubing and annulus to tank. RU Kill truck and circulated well with 100 bbls FW. Connect to tubing and perform injection test as follows: Pumped .34 bpm at 825 psig with no increase in pressure. Pumped .5 bpm with pressure increasing from 1000-1100 psig. Pumped .75 bpm at 1050-1150 and climbing. Pumped 1 bpm at 1200 psig with pressure increasing to 1325 psig. Pumped at 1.25 bpm at 1300 psig with pressure increasing to 1400 psig. Stepped down rates with .34 bpm being the only rate that did not increase in pressure. SWI, SDON.

Date : 9/10/2002

Activity: Set CIBP

Remarks : The well is SI with slight pressure on tubing. POH with 204 joints 2-3/8" J-55 tubing and SN with collar. RU JSI wireline and RIH with 3.70" gauge ring to 6550'. RIH with 4-1/2" Alpha 12K CIBP and set at 6500' KB. Kill truck loading hole slowly. RIH with CCL CBL and log from 6150-5900 without pressure. Pressured casing to 1500 psig and logged from 6200' to 3700'. CBL showed good cement. Dump bail 35' of cement on CIBP at 6500'. Current PBTD 6465' KB. SWI, SDON.

Date : 9/11/2002

Activity: Perforate

Remarks : RIH with tubing to 6459'. Circulated hole with 90 bbls FW. Tested CIBP to 3000 psig - ok. Spot 15 bbls 10# brine with packer fluid. Laid down 17 joints with tubing at 5920'. Reverse excess brine with 40 bbls FW to test tank. Spotted 500 gals 15% NEFE DI LST HCL from 5922 to 5155. POH with tubing. Loaded hole with FW. RU JSI Services and began perforating. All perforating will be with 3-3/8" casing guns 4 SPF 90 deg phasing .34 EH, 12 gram, 19.15" penetration. **Perforated Glorieta** as follows: run 1- 5328-48 (20', 80 holes), Run 2- 5348-66 (20', 80 Holes), Run 3- 5368-88 (20', 80 Holes), Run 4- 5388-5406 (18', 72 holes). Lost gun case and CCL while POH at 3700'. The line pulled out of the socket. Cut off 300' of line and re-head. Run 5- Passed guns below 5922'. **Perforated Paddock** from 5536-60 (24', 96 holes). SWI SDON.

Date : 9/12/2002

Activity: Perforate

Remarks : RU JSI Services. RIH with fishing tools and recovered CCL and gun case. Continued with perforating. All perforating will be with 3-3/8" casing guns 4 SPF 90 deg phasing .34 EH, 12 gram, 19.15" penetration. **Perforated Paddock** as follows: Run 6- 5580-5604 (24', 96 holes) FL 1750 FFS, Run 7- 5620-40 (20', 80 Holes) FL 1760 FFS, Run 8- 5640-66 (26', 104 Holes) FL 1760 FFS. **Perforated Blinbry** as follows: Run 9- 5820-40 (20', 80 holes) FL 1800 FFS. Run 10- 5840-60 (20', 80 holes) FL 1750 FFS. Loaded hole with 27 bbls FW. Run 11- 5860-80 (20' 80 holes) FL 400'. Run 12- 5880-5900 (20', 80 holes) FL 1350 FFS. Pumped 20 more bbls FW. Run 13- 5900-20 (20' 80 Holes) FL 850 FFS. RD wireline. RIH with 4-1/2" RBP with ball catcher, CCL and 4-1/2" treating packer, SN and 5000' of tubing. SWI SDON. ((Total of perforations – 5328-5406 (78' 312 holes), 5536-60 (24', 96 holes), 5580-5604 (24', 96 holes). 5620-66 (46', 184 holes), 5820-5920 (100', 400 holes). Total footage 272', Total Holes 1088 holes)).

Date : 9/13/2002

Activity: Acidize

Remarks : FIH with tubing and tools. Located collars at 5274 and 5232'. Set tools above perforations. RU Schlumberger and test lines to 7000 psig. Loaded tubing with 15.9 bbls (est FL at 4108 FFS). Tested RBP and packer to 6000 psig with leak. Open by-pass, wash by tool, close tool and tools showed a leak. Set tools below perforations. Tools leaked from 6000 psig to 3600 psig in 2 mins. Engaged RBP and POH with tubing and tools. Found metal in slip area of packer. Loaded casing with 31 bbls FW. Pumped 1.5 BPM at 800 psig for a total of 94 bbls. RIH with new tools and tubing. Tested tubing to 6000 psig above slips. Set tools above perforations and tested to 4500 psig - ok. SWI, SDON. (Found by-pass seal cut on packer in above packer.)

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Sec. 4, T20S, R37E

API #30-025-35794
Lea County, New Mexico

Date : 9/14/2002

Activity: Acidize

Remarks : Released packer, engaged RBP and moved tools below perforations. Loaded tubing with 2.5 bbls water and tested to 4500 psig. Moved packer to 5724'. Stage 1: Perforations 5820-5920. Spot acid to bottom through by-pass. Treated at 5 bpm with 3196 psig. Pressured annulus to 300 psig, pumping 1 bpm to sustain pressure. Acidize Blinebry perms 5820-5920 with 5400 gals 15% NEFE DI LST HCL with 200 1.3 sg ball sealers halfway through acid. Pressure increased 400-500 psig with ball sealers on formation. ISIP 2722, 5 min 1810, 10 min 1735. Surge balls off formation. Well back flowed for 20 mins. Installed swivel, wash and engage RBP. Reverse 192 ball sealers to surface. STAGE 2: Acidize Paddock perms 5536-5620 with 5200 gals ditto acid as follows: test tools in blank pipe 5698-5740 to 4150 psig - ok. Set packer at 5472 and spot acid to packer. Closed by-pass, pressured annulus to 300 psig pumping 1/4 bpm to sustain pressure. Pumped acid with 188 ball sealers. Treated 5 bpm at 3150 psig with little ball action. ISIP 1763, 3 min 714, surge balls off. Engage RBP and moved tools. STAGE 3: Acidize Glorietta perms from 5328-5406 with 4400 gals ditto acid as follows: test tools 5475-5441 to 4200 psig. Set packer at 5219'. Spot acid to packer, close by-pass. Pressured annulus to 400 psig. Pumped 4400 gals acid with 156 ball sealers at 5 bpm with 2950 psig and slight ball action. ISIP 2145, 5 min 1335, 10 min 1032. Washed balls to engage RBP and cleared all balls from tubing. (Reversed all fluids and balls to reverse pit.) POH with tubing and tools. SWI, SDON. TOTAL ACID PUMPED 15,000 gals 15% NEFE DI LST HCL.

Date : 9/15/2002

Activity: SDFWE

Remarks :

Date : 9/16/2002

Activity: Swabbing

Remarks : RIH with tubing to 5940'. Started swabbing with IFL at 1800 FFS. Swabbed 5 hours. Recovered 110 bbls black water. EFL 2500 FFS. POH with tubing. Installed thread protectors and laid down tubing. SWI, SDON.

Date : 9/17/2002

Activity: Run Injection String

Remarks : Cleaned and inspected IPC tubing. Found one joint with 2 flat threads. RIH with 2-3/8" x 5' mule shoe Fiberglass sub, 4-1/2" AS-1 packer with inside IPC, outside Nickel coated and 165 joints 2-3/8" EUE 8rd 4.7# TK-70 IPC tubing. Pumped 80 bbls FW containing packer fluid. Set packer, pressured annulus to 500 psig - ok. ND BOP. Installed 7-1/16" x 2-3/8" extended neck SS bushing, 7-1/16" x 5K flange and 2-3/8" 5K SS gate valve. Packer has 14 points compression. Left casing open overnight.

Tubing Detail:

2-3/8" EUE 8rd Mule Shoe FG Sub	5.00
4-1/2" x 2-3/8" AS-1 IPC/ Nickel out	6.60
165 jts 2-3/8" EUE 8rd 4.7# TK-70 IPC	5217.46
	5229.06
KB Correction	14.00
	5243.06
Packer Setting	(2.00)
End of Fiberglass Sub	5241.06

Date : 9/18/2002

Activity: Test Annulus

Remarks : Pressured tubing/casing annulus to 330 psig and held for 35 mins. OCD was contacted but was not on location to witness test. RDMOPU. RU Kill truck to acquire injection data. Loaded tubing with 8 bbls PW. Tubing is on a 1.5 bpm vacuum for 13 more bbls. Increased pump rate to 1.75 bpm with 150 psig. Increased rate to 2 bpm at 190 psig. All pressure is tubing friction. Cut pump and well leveled to 1.4 bpm vacuum for a total of 80 bbls into tubing. RD Kill truck. SWI. Installing disposal equipment until future reports.

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COOPER 4 #1
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API #30-025-35794
Lea County, New Mexico

Date : 9/19/2002 – 1/16/2003

Activity: Build Tank Battery

Date : 1/17/2003 – 1/19/2003

Activity: Ditching & Finishing Flowlines

Date : 1/20/2003

Activity: Start Disposal

Remarks : Roustabout crew connected transfer pumps to SWD flow line on the SE leg. Contractor cut ditch and installed flowlines. Electricians connected power to pumps at SWD. Hauled produced water to SWD for start-up. Opened well with a 1300 BPD vacuum. Started disposal pump with rate at 2500 bpd at 215 psi. Disposed of 161 bbls PW. SD pump with well going on a 1300 bpd vacuum. SWI. A dump valve will be installed 1/21/03 on the suction line.

Date : 1/21/2003

Activity: Continue Disposal Startup

Remarks : Finished connecting lines. Hauled PW for startup. Disp of 161 BBLS. SD pump and well on vac. Will continue to RU for continuous disposal.

Date : 1/22/2003

Activity: Install Chemical

Remarks : Roustabout crew installed chemical system at battery. Contractor cut ditch and installed flowlines. Wells on SE leg shut off from hauling water. Hauling balance produced water to SWD. Except Cooper 5 #8 Well on 14-1600 bpd vacuum through dump valve.

Date : 1/23/2003

Activity: Start Disposal

Remarks : Disp 635 bbls water

Date : 1/24/2003

Activity: Ditching & Finishing Flowlines

Remarks : Contractor succeeded with Hwy 8 road crossing. Contractor continued to ditch and lay flowline on SW and NE legs. Disp 614 bbls.

Date : 1/25/2003

Activity: Injection

Remarks : Disp 687 bbls water.

Date : 1/26/2003

Activity: Injection

Remarks : Disp 576 bbls water.

Date : 1/27/2003

Activity: Ditching & Finishing Flowlines

Remarks : Contractor continued to ditch and lay flowline on SW and NE legs. Disp 516 bbls water.

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Lea County, New Mexico

Date : 1/28/2003

Activity: Ditching & Finishing Flowlines

Remarks : Contractor continued to ditch and lay flowline on SW and NE legs. Received 9000' 3" poly pipe. Disp 782 bbls water.

Date : 1/29/2003

Activity: Ditching & Finishing Flowlines

Remarks : Contractor continued to ditch and lay flowline on SW and NE legs. Contractor tested lines on SW leg. Possible started-up of SW leg 1/30/03. Disp 677 bbls water.

Date : 1/30/2003

Activity: Injection

Remarks : Disp 749 bbls water

Date : 3/21/2003

Activity: Set Pump

Remarks : Set new centrifugal pump.

Date : 3/28/2003

Activity: Set Pump

Remarks : Roustabout crew set and plumbed rebuilt triplex pump. Electricians connected power to pump. Started pump at 2250 bph with overloads tripping at 1000 psi. Changed motor sheave from a 7" to a 5". Pump rate 1650 bpd at 950 psi. Returned new centr. pump to Sepco in Odessa for credit.

Date : 4/2/2003

Activity: Change Motors

Remarks : Roustabout crew pulled 25 HP motor and installed 40 HP on the triples. Mech replaced 2-1/2" plungers to 2-1/4". Electricians connected new motor, changed overload block and fused control panel. Started pump at 1798 BPD at 1090 psi at triples. Sent motor back to Sepco.