

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

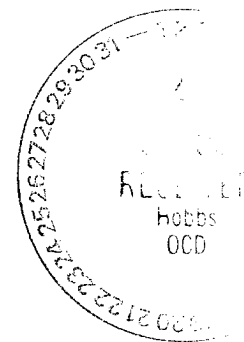
WELL API NO. 30-025-35934
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Cooper 4
8. Well No. 3
9. Pool name or Wildcat Monument; Tubb

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator Matador Operating Company	8. Well No. 3
3. Address of Operator 310 W. Wall, Suite 906 Midland, TX 79701	9. Pool name or Wildcat Monument; Tubb
4. Well Location Unit Letter <u>L</u> : <u>2310</u> feet from the <u>North</u> line and <u>600</u> feet from the <u>West</u> line Section <u>4</u> Township <u>20S</u> Range <u>37E</u> NMPM Lea County	
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3556 GL	

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: Completion <input checked="" 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 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 11/27/02

Type or print name Russ Mathis Telephone No. (915) 687-5955
(This space for State use)

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE JAN 21 2005
Conditions of approval, if any:

Matador Operating Company

Cooper 4 #3
Sec 4, T20S, R37E

API #30-025-35934
Lea County, NM

Date : 8/5/2002

Remarks : MIRUPU. Received 217 joints 2-3/8" EUE 8rd 4.7# J-55 tubing (6893.10 threads on, 6849.29 threads off). NU BOP. RIH with 3-7/8" bit , 4-1/2" casing scrapper and tubing. Tagged up at 3825'. Plugged bit. Laid down 5 joints. Surged tubing to clear plug. Gained circulation and washed to 3835. Circulated up black chunks cement. Tested casing to 1500 psig. Drilled cement to 3837'. Drilled closing plug and DV. Passed bit and scrapper through DV 20 times. Tested casing to 1500 psig. Laid down swivel and CIH with tubing. Tagged up at 6865' KB. Circulated hole clean. Pulled 1 joint. SWI, SDON.

Date : 8/6/2002

Activity: Perforate

Remarks : RIH with 1 joint. Circulate hole with 10# brine from 6865'. Spotted tubing at 6640'. Circulated hole with FW, spotted 500 gals 5% NEFE DI LST acid. POH with tubing, laid down collars, scrapper, and bit. ND BOP and NU 7-1/16" x 5000 frac valve. RU Computalog and ran CBL CCL GR from 6865' to 4000'. Pressured casing to 5000 psig - ok. **Perforate Tubb** from 6577-80, 6636-39, 3-1/8" casing gun, 4 spf, .35" EH, 12 gram, 23.8" penetration 90 deg phasing. Displace acid as follows: Pumped 4.4 bbls pressure 3859 with formation break. Increased rate to 2.6 at 3424. While increasing rate to 3.5bpm nipple blew out of wellhead. SD. Replaced flange and nipple in wellhead. Displace acid at 3.3 bpm with 2950 psig for 18 bbls total pumped. ISIP 2450, 5 min 2193, 10 in 2051. Set 3 frac tanks for acid frac and 1 swab tank. SWI, SDON.

Date : 8/7/2002

Activity: Acid Frac

Remarks : Well SI with 0 psig. Installed isolation tool in wellhead. RU Schlumberger to **Acid frac** Tubb. Pumped six stages as follows: 58 bbls DGA315 with 10, 178.6 bbls YF130ST, 95.2 bbls DGA315 with 10, 95.2 bbls YF130ST with 15 1.3 sg ball sealers, 122.3 bbls DGA315 with 10, 262.2 bbls WF130 (slick water). Max rate 40 bpm, Max pressure 6171 psig. Pulled air while switching between acid and water after 437 bbls pumped. Slowed rate to 30 bpm until 549 bbls pumped. Lost seal on casing saver. Backed rate to 19 bpm with pressure below 5000 psig. Closed tree saver relief line and continued to pump job below 5000 psig and 19-20 bpm. Slight ball action was noted. Pressure at 40 bpm average 5200 psig. Pressure at end of job 20 bpm at 4694 psig. ISIP 2977, 5 min 2757, 10 min 2659. SWI. Removed WHIT and found all four cups cut. RD Schlumberger. RU flowback equipment. Opened 1.5 hours after frac with 2050 psig and flowed 7 bbls water with well dead. ND frac valve, NU BOP, RIH with 206 joints 2-3/8" tubing. Started swabbing. IFL surface, made 16 runs, recovered 97 bbls water, EFL 6300'. SDON. LWOTT. At report time 8/8/02 casing pressure 150 psig tubing open to test tank. LTR 811, TLR 103, TLLTR 708.

Date : 8/8/2002

Activity: Swabbing

Date : 8/13/2002

Activity: Run RBP

Remarks : The well was shut in overnight. Tubing 100 psig and casing 150 psig. Bled down tubing and casing. Pumped 110 bbls FW to circulate well. POH with tubing. RIH with 4-1/2" TST 3 packer, SN and 205 joints of tubing. EOT is at 6498'. Started swabbing. IFL 800', made 8 runs and swabbed tubing dry. Shut down for 45 minutes with FL rising 300'. Recovered 30 bbls total fluid. FFL at SN. LWOTT, SDON.

Date : 8/14/2002 Swabbing

Date : 8/20/2002

Activity: Acidizing

Remarks : The well is open to tank. RU Schlumberger to **acidize** Tubb perfs 6577-6580, 6636-39 with 2000 gals 15 % NEFE 10% U-66 solvent with 15 ball sealers. Pressured tubing/casing annulus to 500 psig. Pumped acid at 4.5 bpm with 4050 psig average pressure. Tubing loaded up with 22 bbls pumped. Dropped balls after 1/2 of the acid was pumped. Flushed with 52 bbls FW. ISIP 2711, 5 min 1841, 10 min 1177. Surged tubing to release balls. RD Schlumberger. Started swabbing. IFL surface. After nine runs FL was at 6000'. Total recovery 40 bbls total fluid. Continued swabbing with 300'-400' of fluid entry for 7 more runs. On the 16th run the tubing swabbed dry. SD for 1 hour with 300' of entry. Total recovery 5.75 BO + 43 BW. Swab samples still showing an emulsion. EFL 6200'. SDON. Left tubing cracked to frac tank.

Matador Operating Company

Cooper 4 #3
Sec 4, T20S, R37E

API #30-025-35934
Lea County, NM

Date : 8/21/2002

Activity: Swabbing

Date : 8/23/2002

Activity: Perforate

Remarks : Well is open to tank. POH with tubing and packer. RIH with 4-1/2" RBP with ball catcher. Set RBP at 6000' with 15' out on the 199th joint of tubing. Circulate hole with 95 bbls FW. Tested RBP to 2000 psig - ok. Spotted tubing at 5888'. Spotted 500 gals 15% NEFE DI LST HCL. POH with tubing and retrieving tool. Loaded casing with FW. RU JSI to **perforate Blinebry**. Perforated 5842-56 with 3-3/8" casing gun 4 SPF, 90 deg phasing, .34 EH, 11 gram, 19.08" penetration. POH with FL at surface. Perforated 5867-5888 DITTO guns. RD JSI. RU Schlumberger. Pressured casing to 2800 psig with 1.4 bbls FW and SD. Pressured to 2980 psig with 1.5 bbls away SD. Pressured to 3000 psig with formation taking fluid. Increased rate to 5 bpm at 2300 psig with a total of 18 bbls pumped. SD. ISIP 1844, 5 min 1542, 10 min 1465. Bled casing down to 0 psig. RD Schlumberger. RIH with RBP retrieving tool, SN and 180 joints 2-3/8" tubing to 5700'. RU swab with IFL at surface. Made 9 runs and recovered 40 bbls water. EFL 2800'. LWOTT, SDON.

Date : 8/24/2002

Activity: Swabbing

Date : 8/27/2002

Activity: Acidize

Remarks : RU Schlumberger to pump 3000 gals 15% HCl to treat perfs 5842-5888 as follows: (1) 71 bbls fresh water to circulate/load casing (2) 21 bbls acid to EOT (3) With 1000 gals acid pumped, drop 70-7/8, 1.3 SPG ball sealers (4) Pressure broke 3500# at 3 BPM (annulus pressure: 3300#) (7) With 2000 gals acid pumped, dropped 70 ditto ball sealers (8) Second set of balls at perfs, little change (9) 3500# at 5 BPM (annulus pressure: 2100#) (10) Flush with 26 bbls fresh water (11) ISIP 1936 psi, 5 min 1845 psi, 10 min 1772 psi, 15 min 1721 psi. Fluid to recover: 147 bbls. RD Schlumberger. Flow tubing to tank 10 minutes. RU swab.

Date : 8/28/2002

Activity: Swabbing

Remarks : Well is open to tank. IFL at 4900'. Made 8 runs and recovered 8 bbls water. EFL at 5700' SN. Well swabbed dry after the 3rd run. Shut down 1 hour between runs with 100' of entry. LWOTT, SDON.

Date : 8/29/2002

Activity: Swabbing

Remarks : Well is open to tank. IFL at 4800'. Made 3 runs and recovered 8 bbls water. Well swabbed dry. Continued swabbing 7 more hours with 100' fluid entry after 1 hour shut down. EFL at 5700' SN. Contractor set 2 300 bbl steel stock tanks and 1 300 bbl fiberglass water tank. Roustabout crew started plumbing tanks and connecting treater. LWOTT, SDON. Will begin preparation to rod up producing Tubb. **Note: No Hydrocarbons from the Blinebry**

Date : 8/30/2002

Activity: Pull RBP

Remarks : RIH with tubing and release RBP. POH with tubing and RBP. RIH with production tubing. ND BOP, set TAC with 12 points tension, NU tubing hanger. Roustabout crew built battery. LWOTT, SD.

Date : 8/31/2002 SD for Holiday

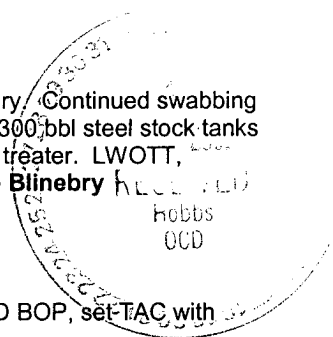
Date : 9/3/2002

Remarks : RDMOPU. Roustabout crew built battery. Gas company started running line.

Date : 9/5/2002

Activity: Run rods

Remarks : MIRUPU. RIH with pump and rods. SDON. Roustabout crew built battery. Dixie Electric running powerline.



Matador Operating Company

Cooper 4 #3
Sec 4, T20S, R37E

API #30-025-35934
Lea County, NM

Date : 9/6/2002

Activity: Put on line

Remarks : Loaded tubing with 6 bbls PW and pressured to 500 psig. Longstroked pump to 600 psig - ok. Electricians connected panel to generator. Started unit at 1:00 PM. Roustabout crew building fence around the production equipment.

Date : 9/7/2002

Activity: Producing

Remarks : 0 oil, 6 MCF, 95 water

Date : 9/8/2002

Activity: Producing

Remarks : 14 oil, 80 MCF, 26 water

Date : 9/9/2002

Activity: RDMOPU

Remarks : Pulling unit installed a rod rotator. RDMOPU. Roustabout crew building fence around the production equipment.

Date : 9/10/2002

Activity: Producing

Remarks : 133 oil, 7 MCF, 18 water, transferred oil from frac tank

Date : 9/11/2002

Activity: Producing

Remarks : 10 oil, 42 MCF, 18 water

Date : 9/12/2002

Activity: Producing

Remarks : 10 oil, 65 MCF, 12 water

Date : 9/13/2002

Activity: Producing

Remarks : 9 oil, 37 MCF, 10 water

