

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N French Dr, Hobbs, NM 88240  
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1301 W Grand Ave, Artesia, NM 88210  
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District IV  
1220 S St Francis Dr, Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
June 19, 2008

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

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)		WELL API NO. 30-030-23213
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 Benson-Montin-Greer Drilling Corp.		6. State Oil & Gas Lease No.
3. Address of Operator 4900 College Blvd., Farmington, NM 87402		7. Lease Name or Unit Agreement Name EPCMU
4. Well Location Unit Letter <u>P</u> : <u>660</u> feet from the <u>South</u> line and <u>660</u> feet from the <u>East</u> line Section <u>5</u> Township <u>26N</u> Range <u>1E</u> NMPM County <u>Rio Arriba</u>		8. Well Number #33 (P-5)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 7015'		9. OGRID Number 2096
		10. Pool name or Wildcat Puerto Chiquito Mancos, East

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

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
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"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: Complete in Mancos Formation <input checked="" type="checkbox"/>	

13. 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.

Please see attached completion summary.

RCVD SEP 26 '08  
OIL CONS. DIV.  
DIST. 3

Spud Date: 5/16/83  
Rig Release Date: Drilling Rig: 6/27/83  
Completion Rig: 9/17/08

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

SIGNATURE [Signature] TITLE Engineer DATE 9/25/08

Type or print name Zach Stradling E-mail address: zstradling@bmgdrilling.com PHONE: (505) 325-8874

For State Use Only

APPROVED BY: [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE SEP 29 2008

Conditions of Approval (if any):

## **BENSON-MONTIN-GREER DRILLING**

### **Mancos Completion Summary**

Operator: **Benson-Montin-Greer**  
Date: 8/16/08-9/17/08  
Field: East Puerto Chiquito Mancos  
Contractor: Llaves Well Service  
Supervisor: Ben Gonzales

Well Name: EPCMU #33 (P-5)  
API Number.: 30-039-23213  
Location: Unit P, Sec. 5, T26N, R1E  
Foreman: Jaime Serna

8/16/08 - MI RU LWS

8/18/08 - MI RU WEATHERFORD ACID. TOH with 2 jts BOT @ 2870'. Pumped 100 gal 7 1/2 % displaced with 10.5bbls 2% KCL TOH with tubing string . MI RU BASIN Ran log to correlate. Ran in to perf. Shot from 2866-2873-28 holes, 2853-2855-8 holes, 2846-2848-8 holes. POH. TIH with packer set @ 2743'. Set pup joint collar below pipe rams .Locked pipe rams .Chained down valve and tubing started acid job. Pumped 2% KCL pressured up to 3800psi, held pressure for 3min. Bleed pressure off. Pressured up to 3800 psi broke back 2800. Pumped at a rate of 4bbls per min, pumped 24 bbls 2% KCL to brake perf. Changed to acid. pumped 15 bbls into job. Well lock up pressure 3800psi. Surged back. Pressured up to 3800 .Wait 2 min, press. at 285 psi. Pumped and pressured up to 3800 psi. Back surged well press. down to 0 psi. Pumped and pressured up to 3600psi, pump rate .3 bbls per min at 3700psi. Pumped remaining acid and displaced with 12.5 bbls 2%KCL.

Greenhorn (2846'-2873') Breakdown  
1200 gals 7.5% HCL

Well on vacuum 1min. ND Weatherford unset packer TOH. NU Basin RIH with junk basket. Recovered 42 balls total 17 hits. TIH With packer .S.D.

8/19/08 - Packer set @ 2800 . 15hrs tubing up to 320psi . Opened tubing to pit ,flowing acid gas to pit 15min pressure down to 50 psi .Well flowing gas ,mist of oil .Well unloaded for 30 min pressure 0psi NU swab tools 1st run fluid level @2000' recoved 3bbls spent acid water ,oil mix ( 5%) oil on sample .Well flowing gas after run (est rate 5 mcf) RUN#2 fluid level @2100 gas cut fluid in tubing .Recoved 1bbl water,oil mix sample shows (5%) oil. Steady flow of gas (5mcf).Swab run #5 fluid level @2500' recoved .5 bbl water ,oil mix sample shows (20%) oil .Gas rate 5mcf. Run#10 fluid level 2600 .5bbl water oil mix ,sample (30%) oil gas rate 10mcf Run #15fluid level @2600 .5bbl water,oil mix (30%) oil gas rate 10mcf. Run #18 last run fluid level @2600 .5bbl water ,oil mix (40%)oil gas rate 10mcf .TOTAL RUNS 18 Recoved 14 bbls water oil mix .10MCF GAS RATE . 1HR Swab test 4 runs recoved 2bbls water ,oil mix (40%) oil. Steady gas rate 10 mcf. ND Swab tool .Unset packer TOH with tubing laid down packer . RIH with composite BP wire line set (basin) set BP@ 2700' POH. TIH with tubing BOT@2614' S.D. Ready to spot acid .

8/20/08 - Dumped 5gal sand down tubing MI RU Weatherford acid .Pumped 25bbls 2% KCL down tubing to load hole . 5 more to circulate oil out of casing.Shut in casing .Pressure test BP to 1500psi of 5min OK . BOT @2614 SPOT 100gal 7 1/2 % HCI dis placed with 9.5bbls 2% KCL TOH with tubing . MI RU Basin wire line perf. Carlise/Sanostee 2615-2617-8 holes 2609-2611-12 holes 2596-2598-8 holes 2588-2591-12 holes 2513-2520-14 holes POH. TIH with packer set @2528' started acid job.Pumped 2%KCL well pressured up to 580psi broke back to 260psi . Pumped total 8 bbls 2%KCL at 4.5bbls per min .Started acid and balls 500 gal acid 60 balls . Balled off well .3800psi S.D. pressure down to 265psi . Started pumping pressure to 1100psi , displacment away. ISIP-800PSI 5min-92PSI 10min-69psi . Opened tubing to pit ,flowing water to pit (2bbls) tubing down to 0psi .Unset packer ,TOH .PU RBP and packer TIH set RBP@2551' PUH set packer @2428' Started acid job on Sanostee . Pumped 2%KCL pressure 760psi broke back to 347psi .Pumped 5.5bbls at 4bbls per min . Pumped 500 gal acid and bio balls.Balled off at 1200psi ISIP-995 5min-96psi 10min-46psi .RD Weatherford acid ,shut in tubing .S.D.

8/21/08 - Checked tubing pressure ,on vacuum. (Sanostee) NU Swab tool RUN #1 fluid level 500' recover 5.5bbls water . RUN#2 level 2100' recover 1bbl spent acid water RUN#3 level 2428' Dry run no fluid,no gas RUN #4 NO fluid level swab down to seat nipple @2428' no gas . Unset packer TIH to RBP latch on to plug TIH to 2635' set RBP . PUH set packer @2542' Ready to swab carlisle NU swab tool RUN#1 fluid level 500' recover 6bbls spent acid water. RUN#2 fluid level 2400 .5bbl water RUN #3 fluid level 2500 .5bbl water RUN#4NO fluid down to seat nipple @2542 NO gas .Unset packer RIH 1Jt BOT @2573 .Started swabbing both zones .RIN#1 fluid level 1100' recover 3bbls spent acid water RUN#5 fluid level 2100' 1bbl spent acid water. RUN#10 fluid level 2500' .5bbl spent acid water. Shows of gas vapor .RUN #12 last run fluid level 2524' NO fluid show of gas .Total runs 12 fluid recover 14 bbls spent acid.. ND swab tool .TIH latch on to RBP TOH . Shows of oil last 3 stands and around packer. S.D. Ready to run frac string

8/22/08 - Checked casing pressure . On vacuum. TIH with frac string 1-4 1/2 packer 4-Jts 2 3/8 N-80 tubing 79-Jts 2 7/8 N-80. Set packer @2555' NU frac valve .S.D. Ready for frac.

8/23/08 - MI Weatherford frac. Pumped frac.

Carlile (2588'-2617') Frac  
500 gals 7.5% HCL  
856 bbls 15# XL gel  
43,439# 20/40 sand

ISIP-653 .Shut in . ND weatherford . Well down to 0psi in 2hrs .ND frac valve , unset packer TOH with tubing .Fluid level @186' laid down packer . TIH with RBP SET @ 2549' TOH with tubing . FLUID LEVEL @216 .GOOD SHOWS OF OIL.S.D.

8/24/08 - TIH with packer set @2474' MI weather ford frac .Pumped frac .

Sanostee (2513'-2520') Frac  
500 gals 7.5% HCL  
794 bbls 15# XL gel  
43,822# 20/40 sand

Shut down ,well on vacuum 30 sec. ND frac valve .Unset packer TOH with packer .S.D.

8/25/08 - Checked casing pressure 0psi. TIH with swab string .set seat nipple @2506 NU swab tool .Started swabbing Sanostee. RUN #1 fluid level @ 1200' frac fluid not broke down .Worked swab cups to bottom. Recover 4bbls gel water .RUN #10 fluid level 1700' recover 2bbls frac water casing on vacuum. RUN#20 fluid level@1700 recover 2bbls frac water RUN#30 fluid level 1900' recover 1.5 bbls frac water RUN#40 fluid level 1900 recover 1.5 bbls frac water. RUN #50 last run fluid level 2000' recover 1bbl frac water . no gas no oil . TOTAL FLUID 96BBLS. Casing on vacuum. S.D.

8/26/08 - Started swabbing .RUN #1 fluid level 1600' recover 3bbls frac fluid no gas no oil. RUN #10 fluid level 1900' recover 2 bbls frac fluid RUN #20 fluid level 2100' recover 1 bbl frac fluid RUN #23 fluid level 2200 recover 1bbl frac fluid casing press. 4psi gas vapors on run . RUN #30 fluid level 2200' recover .5 bbl frac fluid casing press.6psiRUN #35 fluid level 2200 recover 1bbl show of oil vapor of gas casing 7pis RUN#40 fluid level 2200 recover .5 bbl show of oil casing 8psi RUN #50 fluid level 2200 fluid level 2200 recover .5 bbl casing 11psi show of oil run #62 last run fluid level 2200 recover .5 bbl casing 15psi show of oil .TOTAL FLUID 62 BBLS WATER.frac fluid. S.D.

8/27/08 - NU swab tool RUN #1 fluid level 1800' recover 1.5 bbls frac fluid casing pressure 20psi show of oil gas vapor. RUN#10 fluid level 2200' recover 1bbl frac fluid casing pressure 20psi show of oil gas vapors. RUN#15 fluid level 2200' recover .5bbl sample shows 1%oil casing 21psi RUN #20 fluid level 2200' recover .5bbl 1% oil casing 24psi RUN#30 fluid level 2250 recover .5bbl 1% oil casing 28psi RUN #42 Last run fluid level 2250 recover .5 bbl 1%oil casing 33psi. TOTAL FLUID 35BBLS 42 RUNS. Opened casing to pit 35psi TIH to tag fill @2516 TOH with tubing . TIH with to pull RBP . S.D.

8/28/08 - TIH taged fill 2516 worked bailer . Got to RBP set down and latch on to RPB .unset RBP .Started out of hole. RBP stuck in hole .Worked bailer pulled free TOH with RBP . TIH with tubing seat nipple @2569' .NU swab tool ,started swabbing .RUN#1 fluid level 1700 recoer 3bbls frac water casing 0psi RUN #2 fluid level 1700 recover 2bbls water casing 2psi RUN #10 fluid level 2000 recover 1bbl casing 30psi gas vapors up tubing RUN #17 last run fluid level 2100 recover 1bbl casing 56psi . TOTAL FLUID 24BBLS FRAC FLUID . NO OIL . S.D

8/29/08 - Started swabbing . Casing pressure 70 psi RUN #1 fluid level 1800' recover 1.5bbls frac fluid, casing 70 psi RUN #10 fluid level 2100 recover 1bbl frac fluid casing 100psi RUN#17 fluid level 2100' recover 1bbl fluid 1%oil casing 150psi .flowing gas up tubing Est-5mcf . 5min flow ,well logs off. RUN#22 fluid level 2200' recover 1bbl 1%oil ,casing 130psi RUN#31 fluid 2250' recover .5bbl fluid 1% oil casing 140psi ,flowing gas up casing . opened casing to pit. RUN#40 fluid level 2250 recover .5bbl 1% oil .steady blow from casing EST-5MCF. RUN #49 last run fluid level 2300 recover .5bbl 1% oil . TOTAL RECOVER 41.5 BBLS S.D.

9/2/08 - Swab test RUN#1 fluid level 1900' 1.5 bbls 1% oil casing 30psi RUN#10 FLUID LEVEL 2000' 1bbl 2% oil casing 80psi RUN#20 fluid level 2200 .5bbl 2% oil casing 120psi RUN#30 fluid level 2250 .5bbl 2% oil casing 130 psi flowing up tubing EST-2mcf RUN#50 fluid 2250 .5 bbl 2% oil casing 90 no gas up tubing RUN#58 last run fluid 2400 .5bbl 2% oil casing 60psi . TOTAL 30BBLS .S.D.

9/3/08 - MI RU Basin wire line .Set composite BP at 2250' Dumped 5 gal sand . Ran in hole to perf niobrara C 2165-2169 8holes Niobrara B 2034-2030 4 holes 2050-2052 2 holes 2056-2058 2 holes 2065-2067 4 holes 2074-2076 4holes Niobrara A 1968-1972 4 holes 1993-1997 4 holes . POH . TIH with packer set @2108 started brake down 200 gal 7 1/2 % HCI displaced with 2%KCL . Pumped 2%KCL pressure to 2330 broke back to 1730 9bbls. started acid 200 gal @ 4 bbls per min started todisplace 9.2 bbls broke back to 507psi ISIP-279. well on vacuum in 2min. Unset packer TOH. TIH withRBP and packer set RBP@ 2108 packer@ 1861' .Started ball off . Pumped 2% KCL13bbls pressure to 300 psi broke back to 208 .Started acid 750 gal HCI and 40 balls. started displace 10.5 bbls good ball off . ISIP-1200PSI .Unset packer TOH . RIH with wire line . junk basket.Retrive 40 balls 21 hits . S.D.

9/4/08 - TIH with retriving tool and bailer .Bailed sand of RBP latch on to RBP unset plug TOH . TIH with swab string BOT @2195. Started swab test . Niobrara A,B &C RUN#1 fluid lev el 1200' 3BBLS spent acid water RUN #10 fluid level 1700' 1bbl spent acid water. RUN #19 last run fluid level 1800' .25bbl spent acid water. TOTAL 25 BBLS Spent acid water. S.D.CASING ON VACUUM.

9/5/08 - Started swabbing RUN#1 fluid level 1750 .5bbl show of oil .casing 8psi RUN #5 fluid level 1900 .5 bbl 25% oil casing 8psi RUN #9 fluid level 2150 .5bbl 50% oil casing 6 psi RUN #10&#11 DRY RUNS . TOTAL FLUID 4.5 BBLS ND swab tools TOH with tubing. TIH with packer and frac string 1-4.5 packer 4Jts 2 3/8 Eue 8rd N-80 65-Jts 2 7/8 Eue 8rd N-80 Set packer @2126 . set up frac valve . READY TO FRAC. S.D.

9/6/08 - MI Weatherford frac.

Niobrara C (2165'-2169') Frac  
200 gals 7.5% HCL  
434 bbls 15# XL gel  
22,976# 20/40 sand

Niobrara C well on vacuum after frac . Unset packer TOH with tubing and packer . MI Basin wire line set comosite BP @ 2122' POH. TIH with packer set @2095'. Pressure test BP to 1500 psi 15 min OK. TOH with tubing and packer . ND BOP . ND WH. NU Frac valve . started frac on Niobrara A&B.

Niobrara A & Niobrara B (1968'-2076') Frac  
750 gals 7.5% HCL  
1408 bbls 15# XL gel  
72,724# 20/40 sand

Well on vacuum after frac . S.D.

9/8/08 - Checked casing on vacuum ND frac valve NU BOP TIH with swab string BOT@ 2033'. NU swab tool . RUN#1 fluid level 1700' recover .5bbl frac fluid RUN#5 fluid level 2000' .5BBL frac fluid . RUN#6 fluid level 2000' .250 bbl RUN #7 fluid level 2000' .250 bbl RUN#8 fluid level 2000' well dry . no fluid no gas. TOH with tubing. TIH with 37/8 bit and bailer S.D.

9/9/08 - TIH with 3 7/8 bit and bailer. Taged at 2067' . Worked bailer cleaned to 2099 .Bailer quit working . Fluid level on tubing at 1905'. TOH dumped sand cleaned bailer TIH taged sand at 2099 cleaned to 2126 bailer full TOH dumped bailer TIH taged BP. S.D. RAIN.

9/10/08 - Drilled out BP TIH tagged fill @ 2217'. 48' below C perf. TOH with bit and bailer. TIH with packer set @ 2152'. NU swab tools RUN#1 fluid level 1700' .5bbl skim of oil. RUN#10 fluid level 1900' .5bbl skim of oil RUN#20 fluid level 2000' .5bbl skim of oil RUN #22 last run fluid level 2000' .5bbl skim of oil . ND swab tool unset packer TOH with packer. TIH with bit and bailer. S.D.

9/11/08 - TIH tagged sand @2215'. Cleaned to 2250' drilled out BP TIH to 2650'. Bailer quit working, TOH cleaned bailer. TIH with new bit and bailer, tag sand @2635' cleaned to 2650'. S.D rain.

9/12/08 - TIH tagged sand @2650', cleaned to 2660' bailer quit. TOH cleaned bailer . TIH tagged sand @ 2660', cleaned to 2700' - top of plug. Drilled out plug, cleaned to PBTD 2925' TOH. S.D.

9/15/08 - TIH with tubing, TAG PBTD 2925'. Seat nipple @2865'. Swab test RUN #1 fluid level 2000', 2bbls frac fluid RUN#10 fluid level 2350' 1bbl frac fluid RUN#20 fluid level 2400 1bbl frac fluid RUN#25 fluid level 2400 1bbl frac / oil mix 5% oil RUN#30 fluid level 2500 1bbl frac fluid /oil mix 5% oil. TIH to tag fill 2916' 9' of fill. TOH SEAT NIPPLE 2865'. RUN#40 fluid level 2500 1bbl frac fluid /oil mix 10% oil RUN # 51 fluid level 2550 1bbl frac fluid . TOTAL 59 BBLS CASING PRESSURE 0. TIH to tag fill 2914' 12' of fill. S.D.

9/16/08 - NU swab tools RUN #1 fluid level 2200' 2 bbls frac water /oil mix 10%oil casing pressure 50psi RUN #10 fluid level 2300 1bbl frac / oil mix 10% oil casing 50 psi RUN #20 fluid level 2500 1bbl frac /oil mix 10% oil casing 70psi gas flowing up tubing RUN#27 last run fluid level 2500 1bbl frac/ oil mix 40% oil casing 70psi gas flowing up tubing . 1HR test 5runs recover 5bbls frac water /oil mix 40% oil . casing 70psi . TOTAL FLUID 34 BBLS TIH to tag fill 2913 13' fill . TOH with swab string . TIH with bailer cleaned sand to 2926' TOH S.D.

9/17/08 - TIH with prod. String 1-mud anchor 1-4' perf sub 1-seat nipple @2875' 90-Jts 2 3/8 Euc 8 rd. Land tubing ND BOP NU WH. TIH with rod string 1-8' sand screen 1-2x1 1/4 x14' pump 114 - 3/4 rods 1-6' pony 1-20' 1 1/4 polish rod . Load tubing 6 bbls 2% kcl presure test to 300 psi OK . pump action OK . RD MOL.