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Form 3160-5
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010Farmington Field Office
Bureau of Land Management

5. Lease Serial No.

NMSF078146

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

Hilcorp Energy Company

3a. Address

382 Road 3100, Aztec, NM 87410

3b. Phone No. (include area code)

505-599-3400

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.

Newberry A 2

9. API Well No.

30-045-11892

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface

Unit K (NESW) 1750' FSL & 1550' FWL, Sec. 09, T31N, R12W

10. Field and Pool or Exploratory Area

Basin Dakota / Blanco Mesaverde

11. Country or Parish, State

San Juan

New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☒ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Recomplete
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	Subsequent

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Please see attached

NMOC

MAY 31 2019

DISTRICT III

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Amanda Walker

Title Operations/Regulatory Technician - Sr.

Signature

Date 5/20/2019

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

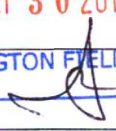
Title

MAY 30 2019

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FARMINGTON FIELD OFFICE
BY: 

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instruction on page 2)

NMOC

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2/5/19: MIRU. (SICP 187, SITP 180, BH 0). BD WELL. RDWH, RUBOP, MIRU WELLCHECK. TEST LOW TO 300 AND HIGH TO 2000. TEST OK. PU 7 JTS AND TAG @ 7331' (PBSD) LD 7 JTS. MIRU TUBOSCOPE. SOOH W/TBG.

2/6/19: (SICP 195, SITP 0, BH 0). BD WELL. TOH 2-3/8" TBG & BHA. PU & TIH SELECT 4-1/2" CIBP, SETTING TL & 2-3/8" TBG. SET CIBP @ 7,030'. TOH TBG & SETTING TL. MIRU BASIN WL. RUN CBL FR/7,037' - SURF. ATT TO PRESSURE UP ON CBL TO 200 PSIG W/NO RESULTS W/18 BBLs. UNABLE TO MAINTAIN PRESSURE. RDMO WL. SWI. SDFN.

2/7/19: (SICP 0, BH 0). ND BOP. ND CSG HD. CSG HD. ATT TO PT SECONDARY SEAL W/NO RESULTS. NU BOP. PU & TIH SET RBP @ 670'. SWI. SDFN.

TROUBLE CALL 2/7/19: EMAIL SENT TO BRANDON @ OCD TO DISCUSS CMT AND CSG LEAK, WE ARE CURRENTLY HUNTING DOWN EXACTLY WHERE THE CSG LEAK IS. APPROVAL GIVEN ON CMT AND TO CONTINUE TO HUNT CSG LEAK. REQUEST UPDATE ONCE LEAK IS FOUND. INTENDED PERF ZONE IS BETWEEN 4650'-5180'

2/8/19: (SICP 0, BH 0). NU CSG HD. PT SECONDARY SEAL TO 2,600 PSIG. TST OK. NU BOP. PU & TIH 2-3/8" TBG. RLS RBP @ 670'. TIH 4-1/2" PKR & TBG. SET PKR @ 2,604'. PRIOR CSG LEAK REPAIRED IN 2006 FR/2,576' - 2,588'. PT DWN TBG TO 500 PSIG. PUMPING INTO LEAK DURING TEST. PRESS FR/500 - 0 IN 90 SECONDS. PT TCA TO 550 PSIG. PRESS FR/550 - 498 IN 5 MIN & 498 - 496 IN 15 MIN. TST OK. RLS PKR. TIH 2-3/8" TBG. SET PKR @ 4,451'. POSS CSG LEAK FOUND IN 2006 REPORTS FR/4,318' - 4,417'. PT DWN TBG TO 500 PSIG. PUMPING INTO LEAK DURING TEST. PRESS FR/500 - 0 IN 90 SECONDS. PT TCA TO 500 PSIG. PUMPING INTO LEAK DURING TEST. PRESS FR/500 - 0 IN 90 SEC. RESULTS FR/PT: 4,733' - 7,030' (CIBP) PT TO 580 PSIG & TST OK, 2,604' - 4,733' NEEDS TO BE ISOLATED, SURF - 2,604' TSTD TO 496 PSIG & TST OK. PKR FAILED ISOLATING BETWEEN 4,451' (LAST VERIFIED BAD TEST) - 4,473' (LAST VERIFIED GOOD TEST). ATT SETTING PKR @ 2 GOOD PRIOR SETTING W/SAME FAILED PT RESULTS. TOH 150 JTS 2-3/8" TBG & PKR. SWI. SDFN.

2/9/19: (SICP 0, BH 0). TIH PKR & TBG. CONT ISOLATE CSG LEAK. RESULTS FR/PT: 5,474' - 7,030' (CIBP) PT TO 580 PSIG & TST OK, 2,664' - 5,474' PRESS FR/500 - 0 IN 90 SECS INJECTION RATE 1 BPM @ 600 PSIG, SURF - 2,664' TSTD TO 550 PSIG & TST OK. BELIEVE CSG RUPTURED BETWEEN 4,773' - 5,474' DURING PT ON 2/7/19. TOH 84 JTS 2-3/8" TBG & PKR. TIH RBP, SETTING TL, 4-1/2" PKR & 98 JTS 2-3/8" TBG. SET RBP @ 3,080'. SET PKR & PT RBP. ISOLATE UPPER CSG LEAK. RESULTS FR/PT: 2,726' - 3,080' (RBP) PT TO 580 PSIG & TST OK, 2,664' - 2,726' PRESS FR/500 - 0 IN 30 SEC, SURF - 2,664' PT TO 580 PSIG & TST OK. ATT TO ESTAB INJECTION RATE. PMP 1 BBL & PRESS TO 600 PSIG. PRESS FR/600 - 0 IN 30 SEC. RLS PKR. TOH 20 JTS 2-3/8" TBG. SWI. SDFWE. TRAVEL HOME.

TROUBLE CALL 2/10/19: EMAIL SENT TO BRANDON @ OCD TO DISCUSS CSG LEAKS. UPPER LEAK IS ISOLATED BETWEEN 2664' AND 2726'. REQUEST APPROVAL TO LAY 3 BBL CMT BALANCE PLUG THROUGH THIS SECTION. PU ABOVE WHERE WE KNOW WE HAVE GOOD PIPE AND ATTEMPT TO SQZ SOME OF THE CMT INTO THE LEAK W/SUSTAINED PRESSURE. THE LOWER LEAK(S) ARE BETWEEN 3080'-5474'. WE ORIGINALLY GOT A GOOD TEST BELOW 4733' BUT MAY HAVE POPPED AN ADDITIONAL HOLE WHILE ATTEMPTING TO ISOLATE, SINCE THAT DEPTH NO LONGER TESTS. PERMISSION GIVEN TO SQUEEZE THE UPPER HOLES FROM 2664'-2726'.

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2/11/19: (SICP 0, SITP 0, BH 0). TIH 26 JTS 2-3/8" TBG. CIRC CSG CLN. TOH 90 JTS 2-3/8" TBG, PKR & SETTING TL. TIH 89 JTS 2-3/8" TBG. MIRU DRAKE ENERGY SERVICES CMT EQUIP. PT PMP & LINES TO 3,500 PSIG. TST OK. CIRC @ 1.7 BPM & 137 PSIG W/2 BBLS. PMP BALANCE PLG W/23 SX TYPE G CMT (MIXED @ 15.8 PPG, 1.13 CU FT/SX, 26 CU FT). PMP DWN TBG W/4.6 BBLS CMT. DISP DWN TBG W/9.5 BBLS @ 1.6 BPM & 85 PSIG. TOH 12 JTS 2-3/8" TBG. EOT @ 2,380'. REVERSE CIRC CLN W/15 BBLS. REC 0.5 BBLS CMT. SQZ CMT W/HESITATION FOR 25". PRESS TO 388 W/PUMPING. DROP TO 138 ISIP & 70 PSIG IN 10 MIN. SQZ 1.5 BBLS INTO LEAK. TOH 77 JTS 2-3/8" TBG. RDMO DRAKE ENERGY SERVICES. SWI. SDFN.

2/12/19: (SICP 0, SITP 0, BH 0). TIH 3-7/8" 3-BLADE BIT, BIT SUB & 85 JTS 2-3/8" TBG. TG TOC @ 2,620'. PT CSG TO 600 PSIG FOR 5 MIN. TST OK. RU PWR SWIVEL. DO CMT FR/2,620' - 2,750'. RATTY CMT FR/2,726' - 2,750'. CIRC CLN. PT CSG TO 500 PSIG. PRESS DROP FR/500 - 120 IN 15 SECONDS & 120 - 60 IN 15 MIN. TOH 91 JTS 2-3/8" TBG, BIT SUB & BIT. TIH 90 JTS 2-3/8" TBG. EOT @ 2,780'. MIRU DRAKE ENERGY SERVICES CMT EQUIP. PT PMP & LINES TO 3,500 PSIG. TST OK. CIRC @ 1.7 BPM & 137 PSIG W/2 BBLS. EIR @ 0.6 BPM & 475 PSIG W/2 BBLS. PMP BALANCE PLG W/30 SX TYPE G CMT (MIXED @ 15.8 PPG, 1.13 CU FT/SX, 33.9 CU FT). PMP DWN TBG W/6 BBLS CMT. DISP DWN TBG W/9.2 BBLS @ 1.2 BPM & 75 PSIG. TOH 15 JTS 2-3/8" TBG. EOT @ 2,319'. REVERSE CIRC CLN W/15 BBLS. TAKES 2 BBLS TO BEGIN CIRC. PIPE VOLUME PULLED 0.6 BBLS. LOST 1.4 BBLS TO LEAK. REC 0.5 BBLS CMT. SQZ CMT W/HESITATION FOR 20". PRESS TO 356 W/PUMPING. DROP TO 80 ISIP & 39 PSIG IN 10 MIN. SQZ 1 BBL INTO LEAK. TOH 75 JTS 2-3/8" TBG. RDMO DRAKE ENERGY SERVICES. SWI. SDFN.

2/13/19: (SICP 0, BH 0). TIH 3-7/8" 3-BLADE BIT, BIT SUB & 81 JTS 2-3/8" TBG. TG TOC @ 2,490'. CMT VERY SOFT. RU PWR SWIVEL. DO CMT FR/2,490' - 2,595'. CMT FR/2,595' - 2,657' (HARD CMT). DO FR/2,657' - 2,688' (VERY POOR/SOFT CMT). DO FR/2,688' - 2,782' (HARD CMT) & FELL THRU. CIRC CLN. PT CSG TO 500 PSIG. PRESS DROP FR/500 - 220 IN 15 SECONDS & 220 - 200 IN 5 MIN. EIR @ 580 PSIG & 0.6 BPM W/1.8 BBLS. TIH 8 JTS 2-3/8" TBG. EOT @ 3,057'. TOH 99 JTS 2-3/8" TBG, BIT SUB & BIT. SWI. SDFN.

2/14/19: (SICP 0, BH 0). TIH 90 JTS 2-3/8" TBG. EOT @ 2,780'. MIRU DRAKE ENERGY SERVICES CMT EQUIP. HOLD SM. PT PMP & LINES TO 3,500 PSIG. TST OK. CIRC @ 1.5 BPM & 145 PSIG W/1 BBL. PMP BALANCE PLG W/30 SX TYPE G CMT W/1% KCL (MIXED @ 15.9 PPG, 1.13 CU FT/SX, 33.9 CU FT). PMP DWN TBG W/6.1 BBLS CMT. DISP DWN TBG W/9.2 BBLS @ 1.2 BPM & 75 PSIG. TOH 15 JTS 2-3/8" TBG. EOT @ 2,319'. REVERSE CIRC CLN W/15 BBLS. REC 0.5 BBLS CMT. SQZ CMT W/HESITATION FOR 45 MIN. PRESS TO 500 PSIG & HOLD FOR 30 MIN. SQZ 1.5 BBLS INTO LEAK. TOH 75 JTS 2-3/8" TBG. RDMO DRAKE ENERGY SERVICES. SWI. SDFN.

2/15/19: (SICP 0, BH 0). TIH 3-7/8" 3-BLADE BIT, BIT SUB & 81 JTS 2-3/8" TBG. TG TOC @ 2,495'. RU PWR SWIVEL. DO CMT FR/2,495' - 2,780'. CIRC CLN. PT CSG TO 520 PSIG FOR 15 MIN. TST OK. TOH 95 JTS 2-3/8" TBG, BIT SUB & BIT. SWI. SDFN.

TROUBLE CALL 2/16/19: EMAIL SENT TO BRANDON @ OCD AND JACK @ BLM. ABLE TO ISOLATE LEAK TO AROUND 2700'. RBP SET @ 3080', PERFORMED 3 HESITATION SQZ ON LEAK BEFORE GETTING IT TO LOCK UP. DRILLED OUT ON 2/15 AND TESTED CGS TO 520 PSI FOR 30 MINS. NOW GOING TO LWR SETTING DOWN TO 5474' AND ATTEMPT TO LOCATE LOWER LEAK. IF LWR LEAK IS IN ZONE WE

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RECOMMEND TO PROCEED WITH RECOMPLETION. WE WILL WAIT TO RUN MIT UNTIL WE RUN FRAC STRING AND SET PKR. IF BELOW ZONE, WE WILL CONT W/SQZ OPS.

2/18/19: (SICP 0, BH 0). SETTING TL & 98 JTS 2-3/8" TBG. CIRC SAND' OFF RBP. RLS RBP. TOH 98 JTS 2-3/8" TBG, SETTING TL & RBP. INSPECT RBP. TIH RBP, SETTING TL, 4-1/2" PKR & 148 JTS 2-3/8" TBG. SET RBP @ 5,410'. SET PKR @ 5,379'. PT RBP TO 500 PSIG. TST OK. ISOLATE CSG LEAK. RESULTS FR/PT: 5,474' - 7,030' (CIBP) PT TO 580 PSIG & TST OK, 5,442' - 5,474' PRESS FR/500 - 0 IN 30 SECONDS, 4,701' - 5,442' PT TO 500 PSIG & TST OK, 4,670' - 4,701' PRESS FR/500 - 200 IN 3 MINUTES, SURF - 4,670' PT TO 500 PSIG & TST OK. RLS PKR & RBP. TOH 148 JTS 2-3/8" TBG, PKR, SETTING TL & RBP. SWI. SDFN.

2/19/19: (SICP 0, BH 0). TIH 179 JTS 2-3/8" TBG. EOT @ 5,525'. MIRU DRAKE ENERGY SERVICES CMT EQUIP. PT PMP & LINES TO 3,500 PSIG. TST OK. CIRC @ 1.5 BPM & 174 PSIG W/12 BBL. PMP BALANCE PLG W/30 SX TYPE G CMT W/1% KCL (MIXED @ 15.9 PPG, 1.13 CU FT/SX, 33.9 CU FT). PMP DWN TBG W/6.1 BBLS CMT. DISP DWN TBG W/19.5 BBLS @ 1.2 BPM & 75 PSIG. TOH 15 JTS 2-3/8" TBG. REVERSE CIRC CLN W/30 BBLS. REC GRY WTR BACK. TOH 164 JTS 2-3/8" TBG. RDMO DRAKE ENERGY SERVICES. SWI. SDFN.

2/20/19: (SICP 0, BH 0). TIH 3-7/8" 3-BLADE BIT, BIT SUB & 169 JTS 2-3/8" TBG. TG TOC @ 5,206'. SQZ 1 BBL CMT INTO LEAK OVERNIGHT. RU PWR SWIVEL. DO CMT FR/5,206' - 5,465'. CIRC CLN. TOH 10 JTS 2-3/8" TBG. SWI. SDFN.

2/21/19: (SICP 0, SITP 0, BH 0). TIH 10 JTS 2-3/8" TBG. RU PWR SWIVEL. DO CMT FR/5,465' - 5,525'. CIRC CLN. TOH 180 JTS 2-3/8" TBG, BIT SUB & 3-BLADE BIT. TIH 4-1/2" PKR & 155 JTS 2-3/8" TBG. SET PKR @ 4,794'. PT CSG FR/4,794' - 7,030' (CIBP) TO 540 PSIG FOR 30 MIN. TST OK. RLS PKR. TOH 20 JTS 2-3/8" TBG. SWI. SDFN.

2/22/19: (SICP 0, SITP 0, BH 0). TIH 20 JTS 2-3/8" TBG. SET PKR @ 4,794'. MIRU WELLCHECK PMP TRK. PT CSG FR/4,794' - 7,030' (CIBP) TO 560 PSIG. PRESS FR/560 - 528 IN 32 MIN. MIT FAILED BY NMOCD FOR STEADY LEAK OFF. RLS PKR. TIH 1 JT 2-3/8" TBG. SET PKR & PT W/SAME RESULTS. RLS PKR. TIH 28 JTS 2-3/8" TBG. SET PKR @ 5,530'. PT CSG TO 570 PSIG FOR 15 MIN. TST OK. RLS PKR. TOH 32 JTS 2-3/8" TBG. ATT TO SET PKR. PKR ASSEMBLY NOT ENGAGING. TOH 147 JTS 2-3/8" TBG & PKR. FOUND PKR LOCKED UP. TIH 4-1/2" PKR & 147 JTS 2-3/8" TBG. SET PKR @ 4,546'. PT CSG FR/SURF - 4,546' TO 560 PSIG. PRESS FR/560 - 540 IN 30 MIN. FOUND SMALL DRIP ON BOP. CHANGE OUT PIPE RAM RUBBERS & CLEAN OUT BOP. PT CSG FR/SURF - 4,546' TO 560 PSIG. PRESS FR/560 - 540 IN 30 MIN. MIT ON UPPERLEAKS & CSG APPROVED BY NMOCD. RLS PKR. TOH 147 JTS 2-3/8" TBG & PKR. SWI. SDFN.

2/25/19: (SICP 0, BH 0). TIH 179 JTS 2-3/8" TBG. EOT @ 5,225'. MIRU DRAKE ENERGY SERVICES CMT EQUIP. PT PMP & LINES TO 3,500 PSIG. TST OK. CIRC @ 1 BPM & 65 PSIG W/2 BBLS. PMP BALANCE PLG W/16 SX TYPE G CMT W/1% KCL (MIXED @ 15.9 PPG, 1.13 CU FT/SX, 18.1 CU FT). PMP DWN TBG W/3.2 BBLS CMT. DISP DWN TBG W/20.5 BBLS @ 1.8 BPM & 65 PSIG. TOH 8 JTS 2-3/8" TBG. EOT @ 5,278'. REVERSE CIRC CLN W/25 BBLS. REC 0.25 BBLS CMT. TOH 171 JTS 2-3/8" TBG. RDMO DRAKE ENERGY SERVICES. SWI. SDFN.

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2/26/19: (SICP 0, SITP 0, BH 0). TIH 3-BLADE BIT, BIT SUB & 172 JTS 2-3/8" TBG. TG TOC @ 5,300'. RU PWR SWIVEL. DO CMT FR/5,300' - 5,525'. CIRC CLN. TOH 180 JTS 2-3/8" TBG, BIT SUB & 3-BLADE BIT. TIH 4-1/2" PKR & 155 JTS 2-3/8" TBG. SET PKR @ 4,794'. PT CSG FR/4,794' - 7,030' (CIBP) TO 551 PSIG. PRESS FR/551 - 448 IN 30 MIN. TST OK. RLS PKR. TOH 20 JTS 2-3/8" TBG. SWI. SDFN.

2/27/19: (SICP 0, SITP 0, BH 0). TIH 20 JTS 2-3/8" TBG. SET PKR @ 4,794'. NO NMOCD REP ON LOCATION TO WITNESS OPS. MIRU WELLCHECK. PT CSG TO 580 PSIG. PRESS FR/580 - 560 IN 30". TST OK. RDMO WELLCHECK. RLS PKR. TOH 155 JTS 2-3/8" TBG & PKR. TIH 4-1/2" CIBP & 165 JTS 2-3/8" TBG. SET CIBP @ 5,220'. TOH & LD TBG & SETTING TL. MIRU BASIN WLU. PERFORATE POINT LOOKOUT IN 2 RUNS (67 SELECT FIRE SHOTS, 1SPF, 0.34 HOLES) AS FOLLOWS: 5172', 5171', 5170', 5146', 5145', 5144', 5143', 5142', 5141', 5140', 5130', 5129', 5128', 5127', 5121', 5120', 5119', 5092', 5091', 5090', 5076', 5075', 5074', 5068', 5067', 5066', 5058', 5057', 5032', 5031', 5030', 5029', 5028', 5027', 5004', 5003', 5002', 4996', 4995', 4994', 4972', 4971', 4970', 4969', 4968', 4967', 4966', 4946', 4945', 4944', 4943', 4942', 4941', 4940', 4927', 4926', 4925', 4924', 4923', 4900', 4899', 4898', 4892', 4891', 4890', 4889', 4888' PERFORATE MENELEE IN 1 RUN (13 SELECT FIRE SHOTS, 1 SPF, 0.34 HOLES) AS FOLLOWS: 4868', 4867', 4866', 4865', 4864', 4855', 4854', 4853', 4852', 4821', 4820', 4819', 4818' RDMO WLU. SWI. SDFN.

2/28/19: (SICP 0, BH 0). PU & TIH AS-1X PKR W/WL RE-ENTRY GUIDE, XO, PUMP OUT PLG W/RUPTURE DISC IN PLACE, XO, 151 JTS 2-7/8" P-110 SEAMLESS BTS-8 TBG, XO, 2-7/8" X 2' TBG SUB & RECOMPLETION HNGR. SET PKR @ 4,732' W/25K COMPRESSION. ND BOP. NU FRAC VLV & TEST CAP. MIRU WELLCHECK. PT & CHART TBG, PKR & FRAC VLV TO 6,000 PSIG FOR 5". INCR TO 7,000' FOR 5". INCR TO 8,000 FOR 30". TST OK. RDMO WELLCHECK. SWI. RDMO BAYWATER #103. SUSPD RPTS W/O FRAC.

4/26/19: MIRU FRAC EQUIPMENT. BUST BURST DISK WITH SLICKLINE. FOAM FRAC'D MESAVERDE WITH 300,240 LBS 40/70 AND 70,847 GAL SLICKWATER AND 2.41 MILLION SCF N2. 70 QUALITY. AVG RATE = 55 BPM, AVG PSI = 5098. ISIP WAS 420 PSI. 15 MINUTE SIP WAS 209 PSI. DROPPED 18 BIO-BALLS WITH 1/2 OF SAND PUMPED. LOST FR FOR 7 MINUTES AT THE BEGINNING OF THE SECOND SAND RAMP (DUMPED SOME IN THE TUB AND SWITCHED ADD PUMPS). RIG DOWN AND RELEASE HALLIBURTON.

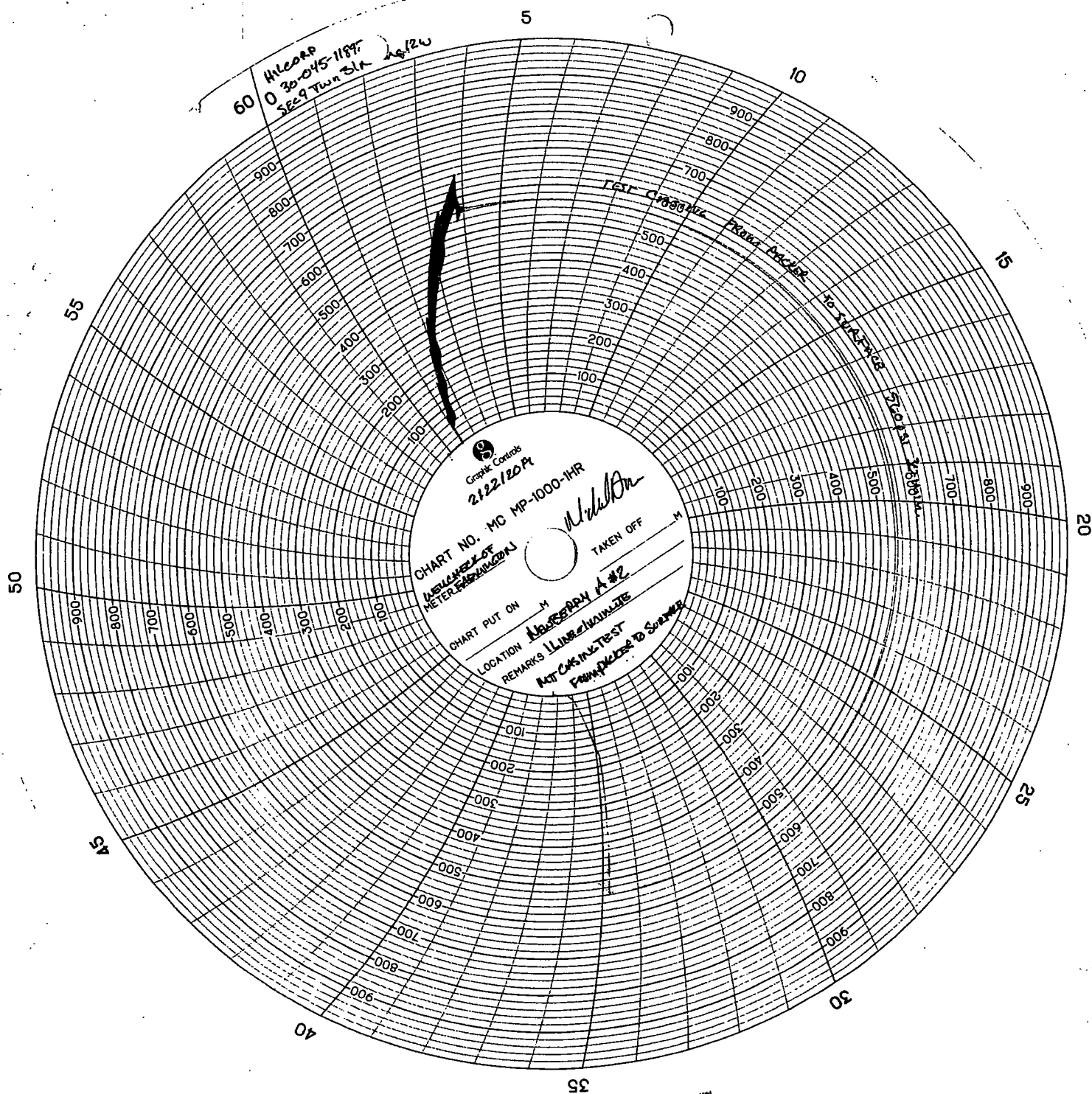
5/4/19: MIRU. BLEED DOWN WELL, (150 ON TBG & -6 ON CSG). ND FRAC STACK, NU BOP & TEST. PULL TUB HANGER & RELEASE PKR LD FRACK STING. P/U 3 3/4 OD 4 BLADE JUNK MILL & 2000' OF 2 3/8 J-55 TUBING OFF FLOAT & DRIFT, INSTALL T.I.W VALVE SHUT WELL. SDFN.

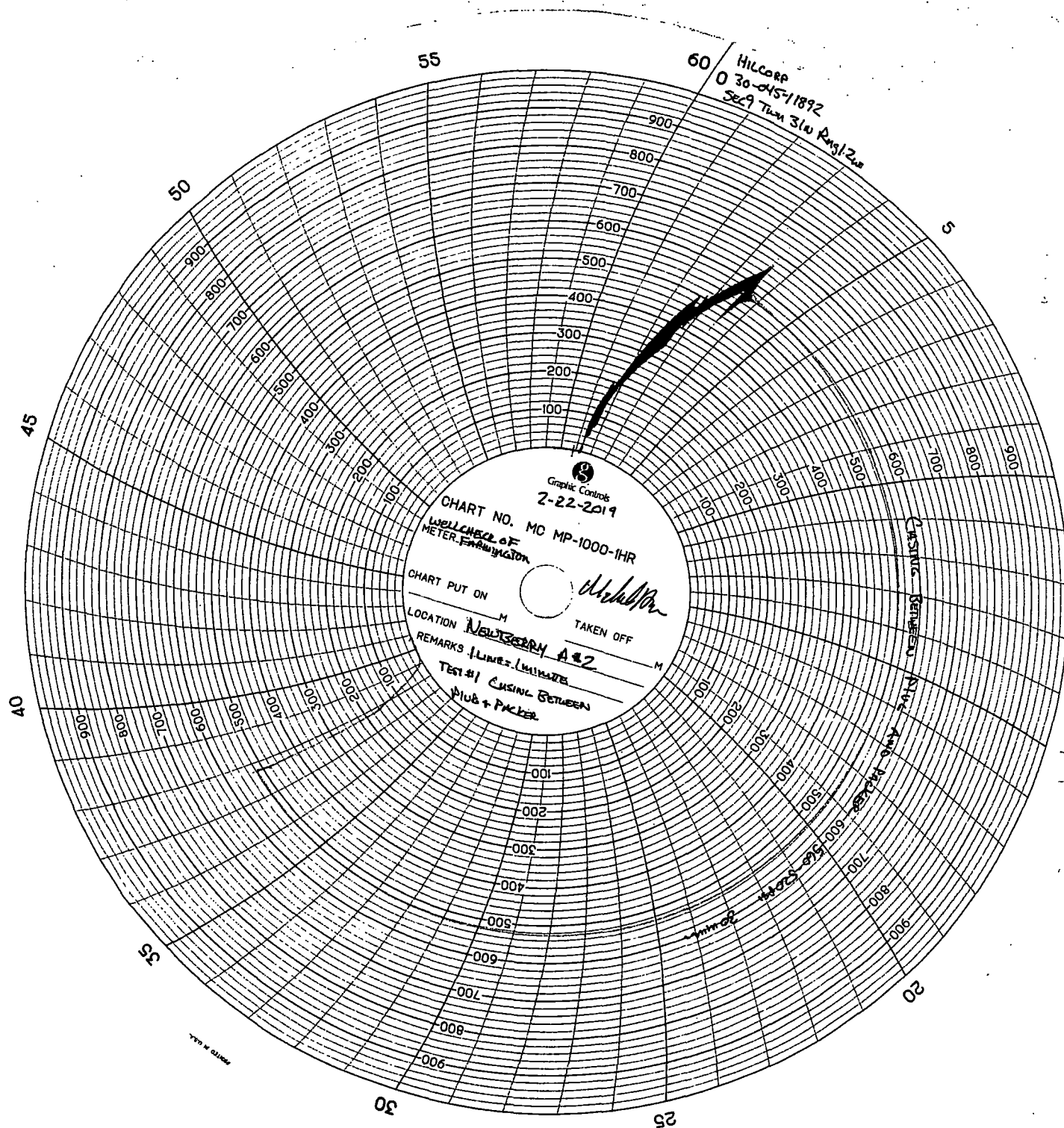
5/5/19: BD WELL 140 ON CSG. P/U JUNK MILL & 2 3/8 J-55 TUBING, T/5100'. P/U SWIEVEL C/O TO TOP CIBP, 120' OF SAND. DRILL CIBP 14 BBLS MIST & 2 COMPRESSORS. CIRC HOLE CLEAN. P/U TBG TOOH ABV PERFS @4800, INSTALL TIW SWI.

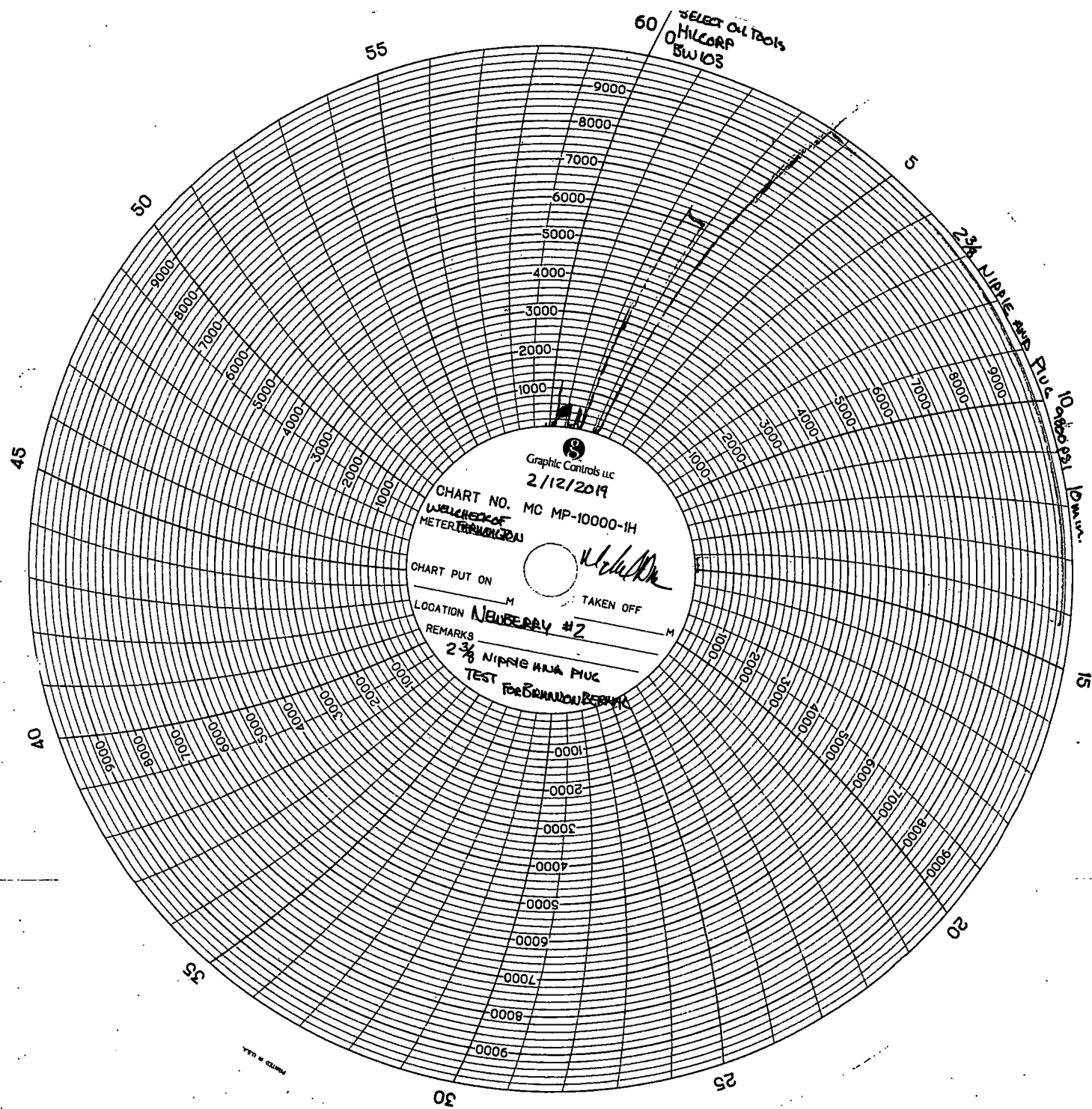
5/6/19: (160 ON CSG, TBG PSI 0) TIH W/ JUNK MILL & 2 3/8 J-55 TUBING. P/U SWL. CO TO TOP CIBP, 110' OF SAND. DRILL CIBP @ 7030'. 14 BBLS MIST & 2 COMPRESSORS, C/O TO PBTD. CIRC HOLE CLEAN TOOH TO 4800'. SIW.

5/7/19: (200 ON CSG, TBG 0). TOOH LD MILL, TIH W/231 JTS 2 3/8" 4.7# J-55 TBG. EOT @ 7153.01' FN @ 7152' PBTD @ 7331'. ND ,NU TREE.

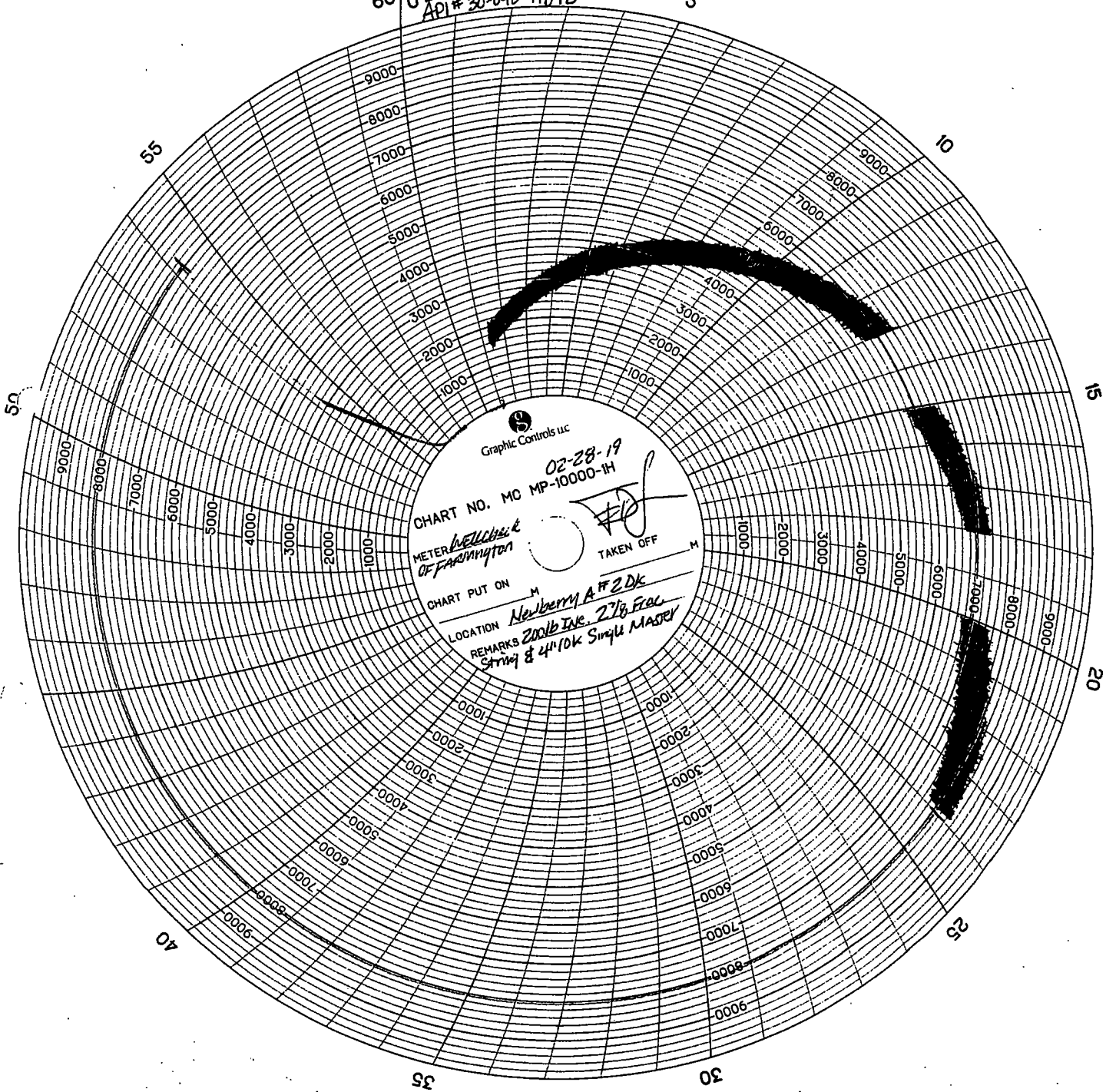
RDRR @ 1200 hrs ON 5/7/19







0 BW103
API # 30-045-11892



60 0 HILCORP
BA/WATT 103
ADP# 30-2 11892

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Graphic Controls

02-27-19

CHART NO. MC MP-1000-1HR

METER WELLSITE
OF FARMINGTON

CHART PUT ON

LOCATION

REMARKS NEWBERRY A#2 DK
2016 INC. MT CASING

TAKEN OFF

MADE IN U.S.A.