Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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.

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

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
Newberry B 1

2. Name of Operator
Hilcorp Energy Company

9. API Well No.
30-045-12186

3a. Address
382 Road 3100, Aztec, NM 87410

3b. Phone No. (include area code)
505-599-3400

10. Field and Pool or Exploratory Area
Basin Dakota / Blanco Mesaverde

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
Surface Unit C (NENW) 1070' FNL & 1450' FWL, Sec. 35, T32N, R12W

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
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☒ Subsequent Report BP	☐ Casing Repair	☐ New Construction	☒ Recomplete	☒ Other **Recomplete Subsequent**
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

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 recomplete 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 recompletion 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

NMOCD
JUL 01 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 *Amanda Walker* Date **6/17/2019**

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title Date

JUN 27 2019
FARMINGTON FIELD OFFICE
BY:

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

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)

NMOCD AV

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Recomplete Subsequent

4/22/2019 MIRIU. RU SLICK LINE. TBG PARTED @810 BACK IN @ 980. FT & PT PIPE T/1000 PSI HIGH (GOOD TEST) 812 FT FISH. M/U 33/8 GRAPPLE P/U TBG TAG FISH TOOH. TIH W/ GRAPPLE. TAG FISH @ 2226 FT. JAR FISH LOOSE. TOOH. SDFN.

4/23/2019 (PSI ON CSG 15. PSI ON TBG 15). TOOH. FISH TOP @ 3507. X OUT GRAPPLE. TIH. TAG FISH @ 3517 LATCH FISH 1K OVER. TOOH W/ NO FISH. X/OUT GRAPPLE. TIH TAG FISH TO 3507 FT TAG TOF. LATCH ON TOOH. TOF @ 5555. TIH W/ 56 ST&S. SDFN

4/24/2019 (PSI ON CSG 220.PSI ON TBG 220). P/U TOF AT 5572'. OVER FISH AT 5574'. TRIED TO WORK FISH FREE. PMPED 10 BBLS WATER DOWN CSG & TBG. WORKED STRING UP TO 62K. GAINED 8K TO 10K STRING WT. TOOH W/FISH. LD FISH. TIH W 3 7/8 JUNK MILL & 3 7/8 STRING MILL. WORKED SCRAPER FROM 5524' TO 5587'. CONTINUED TIH & TAGGED SCALE AT 7330'. PU & WORKED SCRAPER FROM 7257' TO 7320'. TOOH. P/U. CIBP TIH TO 7280 FT SET PLUG. TOOH. SDFN.

4/25/2019 (PSI ON CSG 15 PSI ON TBG 15 PSI). ND BOP. ND WH. NU CSG SPOOL ON 7 5/8 CSG. TEST FLANGE TO 1200 PSI. SPEAR 4 1/2" CSG. NU TBG SPOOL & TEST CSG SEALS. NU BOP. PTEST 4-1/2" CSG TO 600 PSI. GOOD. RU WL. RAN CBL. SDFN

4/26/2019: TROUBLE CALL. EMAIL SENT TO BRANDON @ OCD AND JIM @ BLM. For the lower section, we are going to PMP a suicide sqz between 5570-5800' (230') via a CICR set at 5750'. Estimated cmt volume to accomplish this is 60sx. DO cmt and PT the sqz. For the upper section, we are going to PMP a circulating sqz via CICR from 4600' up. We will try to establish circulation with the surface, but barring that we can't, we are aiming for 500-1000' to be on the safe side. Est cmt volume is 200-250 sx. DO cmt and PT the sqz. After PMPing both jobs we will drill out and re-log the entire zone to 6000'. APPROVAL TO MOVE FORWARD GIVEN.

4/26/2019 (PSI ON CSG 0 PSI ON TBG 0 PSI). ND STRIPPING HEAD. LOAD BACK SIDE W/ WATER 1.5 BBLS. PERF HOLES 10.45 RUN 2 SPF, SHOT IN HOLE T/5800 FT SHOOT HOLE WELL WENT ON VACUUM. PULL WIRELINE GET #2 GUN RIH, T/5570 PERFORATE 2 SPF. POOH. RD WL. TIH W/EA PACKER TO 5748.TOOH. P/U CMT RETAINER TIH T/ 5500. SDFN.

4/27/2019 (PSI ON CSG 0 PSI ON TBG 0 PSI). TIH TO 5756'. SET CMT RETAINER 5750'. R/U CMT CREW. PMPED 10 BBL SPACER. 70 SKS @ 15.8# 1.18 YIELD, 5.07 GAL/SK=14.7 BBL CMT. CIRC./ 8 BBLS OF CMT GONE. CALCULATED 21.75 BBLS TO DISPLACE .5 BBL FROM RETAINER. PULLED TO 5457'. CALC. 21.5 BBL TO REVERSE OUT, PMPED 30 BBL FRESH. CALC. 7.4 BBL BACK TO SURFACE IN GAUGED HOLE. DISPLACE W/22.75 BBLS WATER. PULL UP TO 5457'. REVERSE CIRC. 27 BBLS. RECOVERED 1 BBL OF CMT BACK. TOOH. SDFN.

4/28/2019 (PSI ON CSG 0 PSI ON TBG 0 PSI). PU JNK MILL & TIH. T/5667'. TAG CMT. PU 5647', LOAD HOLE 10.5 BBL BEFORE CIRC. CSG LEAKS. RU SWVL. CO F/5667' T/5709'. TOOH PU CMT RETAINER. TIH SET @ 5520'. RU CMT CREW. SQZ SET RETAINER @ 5517', PMP CMT JOB AS FOLLOWS: PMPD 10 BBLS FRESH WATER TO ESTABLISH 2 BPM RATE @ 700PSI. 200 SACKS@15.8 1.18 YIELD5.07GAL/SK= 42.03 BBL CMT. CALC DISPLACMT 21.36 BBL TO RETAINER, PMPD 21 BBLS DISPLACMT. PMPD OFF THE LAST BBL OF DISPLACMT WELL PRESSURED UP TO 380 PSI. .5 BBL CMT RETURNED TO SURFACE. TOOH LD SETTING TOOL. SDFN.

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Recomplete Subsequent

4/29/2019 (SITP: 0 PSI. SICP: 0 PSI. SIBHP: 0 PSI). DO CMT SQZ. PU & TIH W/3.875" JUNK MILL. BIT SUB & 2.375" TBG. TAG TOC @ 5489'. MILL OUT 28' HARD CMT F/5489' T/5517' (TOP OF CMT RETAINER) MILL OUT CMT RET @ 5517' & 56' CMT F/5519' T/5575' W/FRESH WTR. CIRC HOLE CLEAN. PT SQUEEZE HOLES @ 5570' T/560 PSI. BLED OFF T/400 PSI IN 20-SEC. BLED OFF T/200 PSI IN 1:40 MINS & T/40-PSI IN 8-MINS. RD PWR SWVL. PU MILL ABOVE SQUEEZE HOLES T/5551'. CLOSE & LOCK PIPE RAMS. PU TBG. SDFN.

4/30/2019 (SITP: 0 PSI. SICP: 0 PSI. SIBHP: 0 PSI). PU & TIH W/3.875" JUNK MILL. BIT SUB & 2.375" TBG. C/O CMT STRINGERS F/5575' T/5709' (TOC). MO 41' HARD CMT F/5709" T/5750' (TOP OF CMT RETAINER) MO CMT RET F/5750' T/5752 & 53' CMT F/5752' T/5805' W/FRESH WTR. CIRC HOLE CLEAN W/FRESH WTR. RD PWR SWVL. TOH. LD JUNK MILL. PU & TIH W/4.5" EA RETRIEVE-A-MATIC PKR & 2.375" TBG. SET PKR @ 5645' & PT SQZ HOLES @ 5800' T/560 PSI. LOST 120 PSI IN 10-MIN. RE-SET PKR BELOW SQUEEZE HOLES T/5835'. PT CIBP @ 7280' & 4.5" CSG F/7280' T/5835' T/580 PSI F/15-MIN (GOOD TEST) RELEASE PKR. P/U PKR ABOVE TOP SQZ HOLES T/5459'. SDFN.

5/1/2019 6:00 (SITP: 0 PSI. SICP: 0 PSI. SIBHP: 0 PSI) TOH. LD 4.5" EA PKR. P/U & TIH W/2.375" TBG OPEN ENDED T/5810'. WO CMT EQUIP. RU CMT EQUIP. PMP 10-BBLS FRESH WTR PRE-FLUSH. PMP 30 SKS (7.7 BBLS) CLASS "G" TYPE III 14.3 PPG CMT BALANCE PLUG F/5810' T/5273' EST. PULL 15-STDS & 1-SINGLE. P/U T/4825' (EOT). REVERSE CIRC 2-TBG VOLUMES W/TRACE OF GREY WTR. PRESS UP ON BAL CMT PLUG W/1/2 BBL OF WTR. PRESS UP T/976 PSI. PRESS DROPPED T/950 PSI IN 20-MINS. RD CMT EQUIP. SDFN.

5/2/2019 (SITP: 480 PSI. SICP: 480 PSI. SIBHP: 0 PSI). DO CMT BAL PLUG. TOH. PU & TIH W/2.375" TBG & 3.875" BIT. TAG TOC @ 5392'. RU PWR SWVL. WO CMT. BREAK CIRC W/2.5 BPM WTR. DO 15' STRINGERS & SOFT CMT F/5392' T/5407'. DO MED T/HARD CMT F/5407' T/5609'. P.TEST SQZ HOLES @ 5570' T/580 PSI F/15-MIN (GOOD TEST) DRL OUT HARD CMT F/5609' T/5735'. CIRC HOLE CLEAN. PU BIT T/5704'. SDFN.

5/3/2019 (SITP: 0 PSI. SICP: 0 PSI. SIBHP: 0 PSI). PU & TIH W/2.375" TBG & 3.875" BIT. TAG TOC @ 5735'. R/U 2.5 PWR SWVL. DO HARD CMT F/5735' T/5814'. RIH W/2-JTS T/5861' (CSG CLEAR) CIRC HOLE CLEAN W/FRESH WTR. RD PWR SWVL. RU WELLCHECK. MIT SQUEEZE HOLES @ 5570' & 5800' T/590 PSI ON CHART W/NMOCD WITNESS (JOHN DURHAM) GOOD TEST. RD WELLCHECK. TOH. PU & TIH W/4.5" CIBP. SET CIBP @ 4696'. PT CIBP @ 4696' & 4.5" CSG T/SURFACE T/740 PSI F/15-MIN (GOOD TEST) TOH TBG. RU WL & SHOOT 2-.40" SQUEEZE HOLES @ 4600'. R/U & PMP 120 BBLS FRESH WTR @ 2.2 BPM & 550 PSI THROUGH SQUEEZE HOLES @ 4600'. SDFW.

5/6/2019 (SITP: 0 PSI. SICP: 0 PSI. SIBHP: 0 PSI). PU & TIH W/4.5" CMT RETAINER. SET RETAINER @ 4550'. RU CMT EQUIP. SET CMT RETAINER @ 4550'. LOAD ANNULUS W/3-BBLS FRESH WTR. PRESS UP T/570 PSI ON ANNULUS. LOAD TBG & EST INJ RATE: 2.5 BPM @ 1080 PSI. PMP 200 SKS CLASS "G" CMT (42 BBLS CMT SLURRY) 15.8 PPG. 1.18 YIELD & 5.09 GAL/SKS @ 2.0 BPM & F/440 PSI T/783 PSI. DISPLACE TBG W/17.6 BBLS FRESH WTR. STING OUT OF RETAINER & SPOT .6 CMT ON TOP OF RETAINER. REVERSE CIRC 25 BBLS FRESH WTR & RECOVERED 1-BBL CMT. S/D. RIG DOWN CMT EQUIP. TOH W/TBG. LD STINGER. WOC

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Recomplete Subsequent

5/7/2019 (SITP: 0 PSI. SICP: 0 PSI. SIBHP: 0 PSI). PU & TIH W/JUNK MILL. TAG TOC @ 4527'. WO CMT. RU PWR SWVL. BREAK CIRC W/2.2 BPM FRESH WTR. DO HARD CMT F/4527' T/4550" (TOP OF CMT RET) DRL OUT CMT RET & HARD CMT F/4550' T/4696' (TOP OF 4.50" CIBP) PT SQUEEZE HOLES @ 4600' T/560 PSI W/RIG PMP. LOST 160 PSI IN 30-SEC. LOST 300 PSI IN 1-MIN & 320 PSI IN 1.5 MINS. RD PWR SWVL. TOH W/TBG. LD BIT SUB & JUNK MILL. SDFN.

5/8/2019 (SITP: 0 PSI. SICP: 0 PSI. SIBHP: 0 PSI). PU & TIH W/TBG OPEN ENDED T/4613'. RU CMT EQUIPT. PMP 10-BBLS FRESH WTR PRE-FLUSH. PMP 30 SKS (7.7 BBLS) TYPE III 14.3 PPG. 1.44 YIELD. 7.06 GAL/SK CMT BALANCE PLUG F/4613' T/4129' EST @ 3.0 BPM & 571 PSI. DISPLACED TBG STRING W/15.25 BBLS FRESH WTR. PULL 15-STDS & 1-SINGLE. P/U T/3635' (EOT). REVERSE CIRC 2-TBG VOLUMES W/TRACE OF GREY WTR. PRESS UP ON BAL CMT PLUG W/3/4 BBL OF WTR. PRESS UP T/980 PSI. PRESS DROPPED T/340 PSI IN 15-MINS. PRESS UP T/1040 PSI. PRESS DROPPED T/860 IN 15-MIN. PRESS UP T/1095 PSI & PRESS DROPPED T/1080 PSI & PRESS HELD. RD CMT EQUIP. WO CMT. SDFN

5/9/2019 (SITP: 0 PSI. SICP: 0 PSI. SIBHP: 0 PSI). TOH. PU & TIH W/TBG & TWISTER BIT. TAG TOC @ 4238'. PU & RU 2.5 PWR SWVL. BREAK CIRC W/2.5 BPM WTR. DO 10' STRINGERS & SOFT CMT F/4238' T/4248'. DO MED T/HARD CMT F/4248' T/4612' & CMT STRINGERS T/4620'. CIRC HOLE CLEAN @ 4637'. P.TEST SQUEEZE HOLES @ 4600' W/RIG PMP T/640 PSI F/15-MIN (GOOD TEST) L/D 12-JTS TBG. P/U BIT T/4262'. SDFN.

5/10/2019 (SITP: 0 PSI. SICP: 0 PSI. SIBHP: 0 PSI). RU WELLCHECK & PRE-MIT SQUEEZE HOLES @ 4600'. GOOD TEST. PT MIT W/THOMAS VERMERSCH "NMOCD REP" T/550 PSI (GOOD TEST). TOH W/TBG. LD TWISTER BIT. PU JUNK MILL & TIH. TAG UP @ 4665' (31' ABOVE CIBP @ 4696') PU & RU PWR SWVL. BREAK CIRC W/2.5 BPH FRESH WTR & MO JUNK ON TOP OF CIBP T/4696'. MO CIBP @ 4696'. PUSH BTM OF BP DOWNHOLE T/7188'. TOH. W/TBG & LD MILL. RU WIRELINE & RUN CBL F/6500' T/3000' W/500 PSI PRESS. TOC @ 4522'. RD BASIN WIRELINE. E-MAIL CBL T/SCOTT HILCORP ENGINEER. W/O NMOCD APPROVAL. SDFWE.

5/10/2019: TROUBLE CALL. EMAIL SENT TO BRANDON @ OCD AND JIM LOVATO @ BLM. Per our plan, we attempted a suicide sqz below the zone of interest; between 5800-5570'. We successfully circulated a 70 sx Class G plug, however the top perf leaked after drilling out. We then sqz'd the top leak via CICR with an additional 200sx. After drilling out all of the way down, though, we tested both sets of holes and both were still leaking. Finally, a 30 sx Type III bal plug was laid across both sets of holes and hesitated into the holes. The sqz was drilled out and MIT'd. The log indicates good cement down to 6052' and decent cement up to the DV tool at 5556'. This is significantly better than what we had before and with your blessing we should have more than enough coverage to proceed forward in reference to the bottom isolation. Per our plan, we attempted a circulated sqz above the zone of interest; at 4600'. After perforating, we bullheaded into the holes and were able to receive very small returns at surface. We then pumped a 200 sx Class G plug thru a CICR - we had no returns or pressure at surface while pumping. The sqz was drilled out and it leaked. A 30 sx Type III plug was laid across the leaking perfs and hesitated into the perfs. The sqz was drilled out and MIT'd. The log indicates good cement from 4650-4522'. We clearly had a thief zone on the upper sqz. Outside of pumping an additional sqz and possibly risking another 2 step sqz operation, would you be opposed to calling this 130' of cement on top OK? APPROVAL TO MOVE FORWARD GIVEN.

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Recomplete Subsequent

5/13/2019 (SITP: 0 PSI. SICP: 0 PSI. SIBHP: 0 PSI). PU & TIH W/CIBP & SET BP @ 5550'. TOH. SISW. SDFN.

5/14/2019 (SITP: 0 PSI. SICP: 0 PSI. SIBHP: 0 PSI). RU WIRELINE. RIH & PERFORATE POINT LOOKOUT INTERVALS: F/5458'-T/5146' (1 SPF, 0.34 HOLES 50 SHOTS) & MENEFEE INTERVALS: F/5114'-T/4915' (1 SPF, 0.34 HOLES 40 SHOTS) RD WIRELINE. PU. STRAP & DRIFT IN HOLE W/CERAMIC DISC SUB, FRAC PKR.. SDFN.

5/15/2019 (SITP: 0 PSI. SICP: 0 PSI. SIBHP: 0 PSI). PT ANNULUS T/420 PSI W/RIG PMP F/10-MIN (GOOD TEST). ND BOP STACK. NU FRAC HEAD. RU WELLCHECK & PT FRAC STRING T/9000 PSI ON CHART IN 1000 PSI INCREMENTS F/5000 PSI T/9000 PSI F/30-MINS (GOOD TEST) . RU SLICKLINE. KNOCK OUT CERAMIC DISKS IN DISK SUB. RELEASE RIG @ 13:00 HRS. 5/15/2019 WO FRAC

5/29/2019 MIRU FRAC EQUIP. FOAM FRAC'D MESAVERDE WITH 301,040 LBS 40/70 AND 71,115 GAL SLICKWATER AND 2.49 MILLION SCF N2. 70 QUALITY. AVG RATE = 55 BPM, AVG PSI = 4524. ISIP WAS 0 PSI. DROPPED 20 BIO-BALLS WITH 1/2 OF SAND PUMPED. RDR FRAC. SDFWE

6/3/2019 (SICP 0 PSIG. SITP 300 PSIG. BH 0 PSIG) MIRU. SDFN.

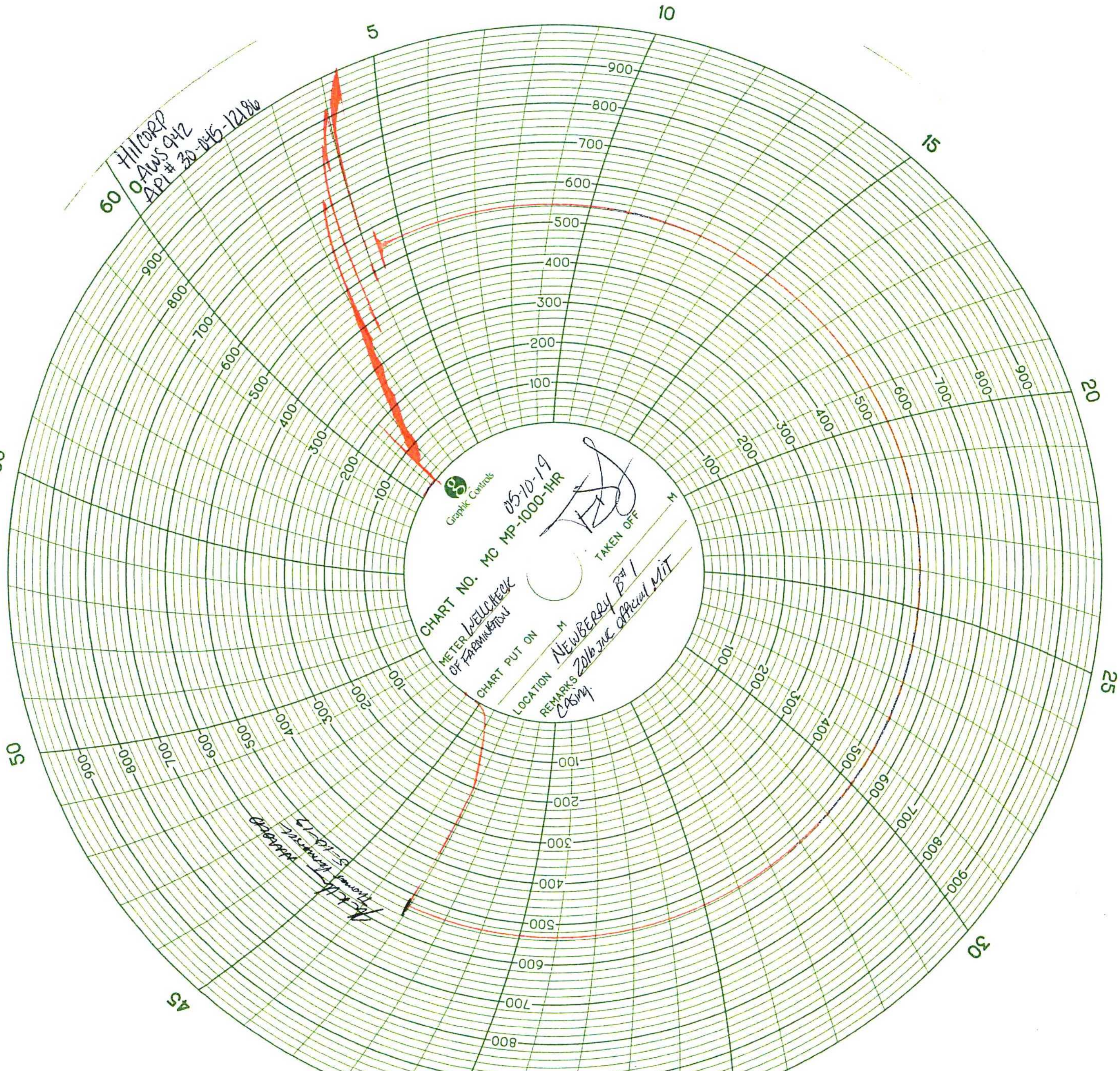
6/4/2019 (SICP 0 PSIG. SITP 245 PSIG. BH 0 PSIG). INSTALL 2 WAY CHK. ND FRAC STACK. NU BOP. MIRU WELLCHECK. RLS PKR. TOH & LD TBG. PU & TIH JUNK MILL. SDF LIGHTNING. SDFN.

6/5/2019 (SICP 245 PSIG. SITP 0 PSIG W/STRNG FLT. BH 0 PSIG). TIH TBG. TG FILL @ 5504' (46' FILL). RU PWR SWL. BRK CIRC W/AFU. CO FILL FR/5504' - 5550' (CIBP). DO CIBP. CIRC CLN. TG REMAINDER OF CIBP @ 7190' DO/WASH DOWN REMAINDER OF CIBP'S & CO FILL FR/7190' - 7278'. ATT TO DO REMAINDER OF CIBP'S & CIBP @ 7280'. CIRC CLN. TOH TBG. SDFN.

6/6/2019 (SICP 240 PSIG. SITP 0 PSIG W/STRNG FLT. BH 0 PSIG). TIH TBG. TG CIBP @ 7280'. BRK CIRC. DO CIBP. CIRC CLN. TG REMAINDER OF CIBP @ 7.331'. RU PWR SWL. BRK CIRC. DO/PUSH DOWN REMAINDER OF CIBP FR/7331' - **7553' PBTD**. HARD SCALE THROUGH ALL PERFS. CIRC CLN. TOH TBG. SDFN.

6/7/2019 (SICP 245 PSIG. BH 0 PSIG). TIH W/236 JTS 2-3/8" 4.7# J-55 TBG. LD TBG. EOT @ 7431'. SN @ 7429'. ND BOP. NU WH. PMP 6 BBL PAD. DROP BALL. PT TBG TO 500 PSIG. TST OK. PMP OFF CHK @ 850 PSIG. RWTPD.

RDRR ON 6/7/2019 @ 1200 hrs.


HILCORP
AWS 9#2
API# 30-045-12186
Graphic Controls
05-10-19
CHART NO. MC MP-1000-1HR
METER WELLCHECK OF FARMINGTON
CHART PUT ON M
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LOCATION NEWBERRY B#1
REMARKS 2016 JNC Official MIT Casing
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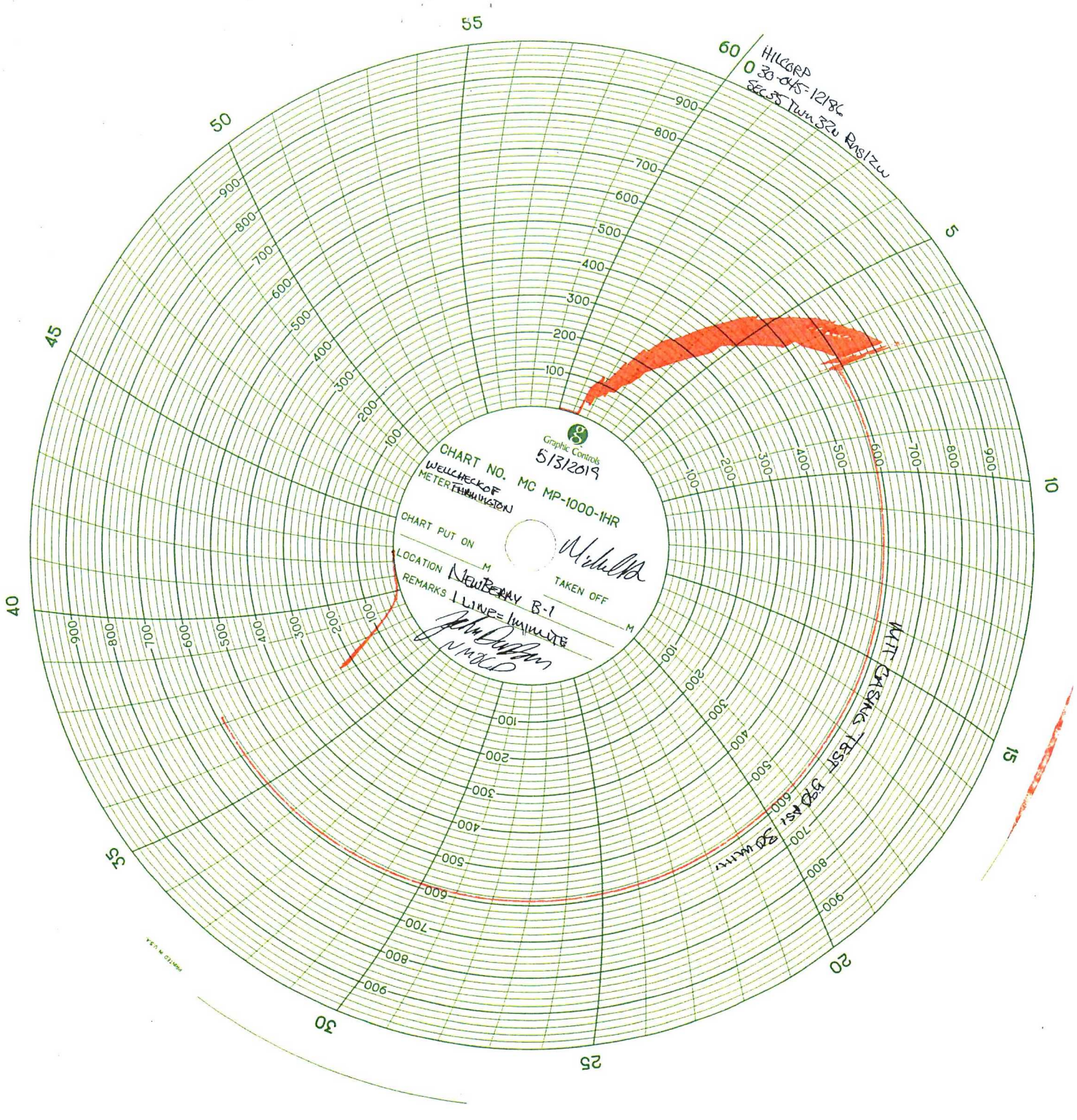
HILCORP
30-045-12186
SEC 35 T32N R8W
Graphic Controls
5/13/2019
CHART NO. MC MP-1000-1HR
WELLCHECK OF
METER FARMINGTON
CHART PUT ON
TAKEN OFF
LOCATION NEWBERRY B-1
REMARKS 1 LINE= 1000 LBS
NMOCD
MULTI CASING TEST 950 PSI 30 MINS