

Well Name: FOGELSON GAS COM	Well Location: T30N / R11W / SEC 26 / NESE / 36.781261 / -107.95382	County or Parish/State: SAN JUAN / NM
Well Number: 1R	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079962	Unit or CA Name: FOGELSON	Unit or CA Number: NMNM73715
US Well Number: 3004530275	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2503240

Type of Submission: Subsequent Report

Date Sundry Submitted: 06/14/2021

Date Operation Actually Began: 05/26/2021

Type of Action: Recompletion

Time Sundry Submitted: 11:01

Actual Procedure: Attached please find the subsequent report for the wellbore prep operations on the above mentioned well.

SR Attachments

Actual Procedure

FOGELSON_GAS_COM_1R_WELLBORE_PREP_20210614110049.pdf

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Operator Certification

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: AMANDA WALKER

Signed on: JUN 14, 2021 11:01 AM

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Technician

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City: HOUSTON

State: TX

Phone: (346) 237-2177

Email address: mwalker@hilcorp.com

Field Representative

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Accepted

Disposition Date: 09/16/2021

Signature: Kenneth Rennick

Fogelson Gas Com 1R
3004530275
Lease: NMSF079962
Wellbore Prep SR

5/26/2021: MIRU. CK WELL PRESSURE (SITP: 120 PSI, SICP: 120 PSI, SIBHP: 0 PSI). ND WH. NU BOP. FT & PT BOP, TST GOOD. PULL TBG HANGER. TIH & TAG FOR FILL @ 7026' (120' FILL). LD TAG JTS. RU PREMIER NDT SCANNING EQUIPMENT. TOOH WHILE SCANNING TBG. PD PREMIER NDT. PU 4 3/4" MILL & PU TBG TO 6735'. TOH W/TBG. LD 4 3/4" MILL. SIW. SL. SDFN.

5/27/2021: CK WELL PRESSURE (SITP: 120 PSI, SICP: 120 PSI, SIBHP: 0 PSI). PU 5 1/2" CIBP. TIH & SET CIBP @ 6703'. LOAD & PT CSG TO 500 PSI. PRESSURE LEAKED OFF 100 PSI/MIN. TOH W/TBG. LD SETTING TOOL. PU 5 1/2" PKR. TIH W/TBG. ISOLATE CSG LEAK FROM 4051' TO 4084' (INSIDE LEGAL MV INTERVAL). SET PKR @ FOLLOWING DEPTHS: 3298' TO 0' GOOD, 4803' TO 6703' GOOD, 4758' TO 6703' GOOD, 4739' TO 6703' GOOD, 4051' TO 0' GOOD, 4426' TO 6703' GOOD, 4237' TO 6703' GOOD, 4168' TO 6703' GOOD, 4112' TO 6703' GOOD, 4084' TO 6703' GOOD. LD 52 JTS. TOH W/TBG TO 4084'. SIW. SL. SDFN.

TROUBLE CALL: CALL MADE TO MONICA @ NMOC D TO DISCUSS CSG LEAK @ 4051' TO 4084'. PER EMAIL FROM KATE @ NMOC D, HILCORP WILL NEED TO FILE AN AMENDED NOI TO INCLUDE THE CSG LEAK ZONE INTO THE PROPOSED PERFORATIONS, AS THIS IS STILL WITHIN THE MV INTERVAL. (NOI TO AMEND PERFORATIONS FILED 6/1/2021, APPROVED BY BLM & OCD ON 6/2/2021).

5/28/2021: CK WELL PRESSURE (SITP: 0 PSI, SICP: 0 PSI, SIBHP: 0 PSI). WAIT ON APPROVAL FROM OCD TO CONTINUE. RU WELLCHECK, CONDUCT MIT ON CSG FROM 4084' TO 6703' & FROM 4051' TO 0'. BOTH TESTS ARE GOOD, PT TO 560 PSI FOR 30 MINS FOR BOTH TSTS. WITNESSED BY JOHN DURHAM W/NMOC D (CHARTS ATTACHED). RD WELLCHECK. UNSET PKR, TOH W/TBG. LD PKR. ND BOP. X/O 3K WH TO 5K WH. NU BOP. FT & PT BOP. PU 5 1/2" CIBP. TIH & SET CIBP @ 5120'. LD 38 JTS. TOH W/TBG. LD SETTING TOOL. PU 5 1/2" PKR, TIH & SET PKR @ 3926'. RU WELLCHECK, PT CSG TO 3800 PSI, CSG LEAKED @ 3600 PSI. EST INJECTION RATE OF 1 BPM @ 900 PSI. TOH W/TBG, LD PKR. SIW. SL. SDFN.

6/1/2021: WELL PRESSURE (SITP: 0 PSI, SICP: 0 PSI, SIBHP: 0 PSI). PU 5 1/2" PKR & RBP TANDEM. TIH W/TBG, SET RBP @ 3926'. PT RBP (TST GOOD). ISOLATE HIC BETWEEN 635' TO 668'. SET PACKER AT FOLLOWING DEPTHS: 3205' - 3926' GOOD, 1723' TO 3926' GOOD, 976' TO 3926' GOOD, 543' TO 0' GOOD, 792' TO 3926' GOOD, 668' TO 3926' GOOD, 605' TO 0' GOOD, 635' TO 0' GOOD. LD TBG, LD PKR. ND BOP, NU WH. RU AWS CMT EQUIP. TROUBLE CALL: CALL TO NMOC D MONICA KUEHLING, LM W/V LUCERO TO NOTIFY OF HOLE IN CSG. HILCORP PLANS TO PMP CMT THAT IS LOCATED BETWEEN 635' - 668' AND WILL WOC FOR A FEW DAYS. EMAILED APPROVAL GIVEN BY NMOC D WITH A COA TO INCLUDE TROUBLE CALL IN SUBSEQUENT REPORT. BLM NOTIFIED VIA, VOICEMAIL TO VIRGIL LUCERO, AND EMAIL AS WELL AS EMAIL TO WILLIAM TAMBKOU. MIX & PMP SQUEEZE W/50 SX, 57.5 CUFT, 1.15 YIELD, 15.8 PPG, CLASS G NEAT CMT TO SQUEEZE HOLE & CSG W/35 SXS OUTSIDE 5 1/2" CSG & 15 SXS INSIDE 5 1/2" CSG. DISPLACED W/12.7 BBLs. SI W/800 PSI. RD AWS CMNT EQUIP. RD RR @ 1900. WOC.

6/4/2021: MIRU. WELL PRESSURE (SITP: 0 PSI, SICP: 0 PSI, SIBHP: 0 PSI). ND WH. NU BOP. FT & PT BOP, TST GOOD. PU 4 3/4" CONE BIT. TAG CMT @ 525'. PU PWR SWVL. DO CMT FROM 525' TO 639'. CIRC HOLE CLEAN. PT CSG TO 560 PSI. PRESSURE DROPPED 120 PSI IN 30 MINS. ISOLATE HIC BETWEEN 631' TO 664' & TST TO 3926' TST GOOD. UNABLE TO GET GOOD TST ON MULTIPLE DEPTHS W/PKR, CALLED OUT FOR NEW PKR. RETESTED @ 601' TO 0, GOOD. TOH W/TBG, LD PKR. RU AWS CMT EQUIP. MIX & PMP BALANCED PLUG W/33 SXS, 25.08 CUFT, 0.76 YIELD, 13.5 PPG, MICRO MATRIX CMT IN CSG FROM 509'

Fogelson Gas Com 1R
3004530275
Lease: NMSF079962
Wellbore Prep SR

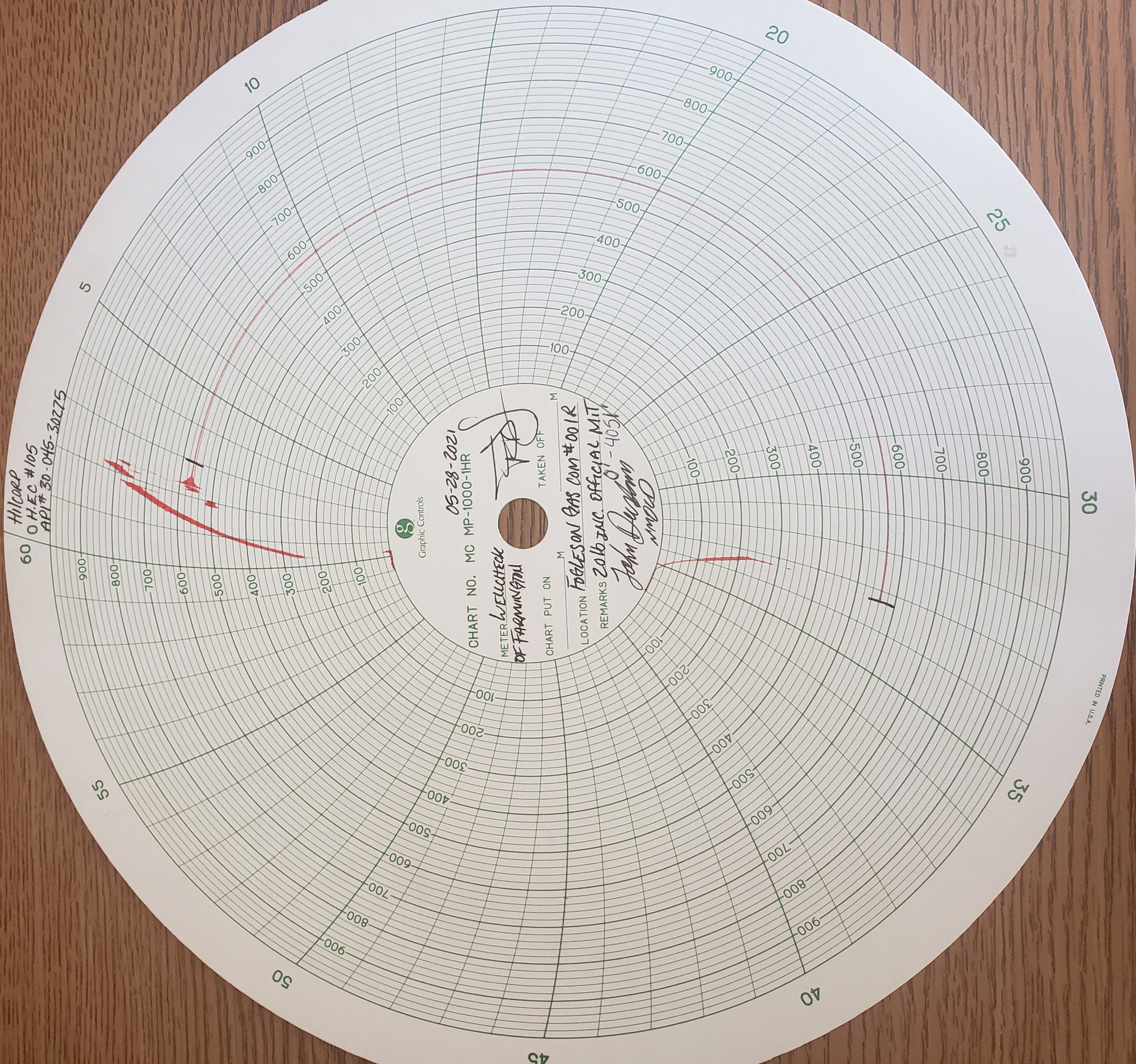
TO 664' TS SQUEEZE HOLE IN CSG FROM 635' TO 668'. RD AWS CMT EQUIP. TOH W/TBG. SQUEEZE CMT, SI W/1150 PSI. SIW. SDFN.

6/8/2021: PU 4 3/4" CONE BIT, TIH W/DRILL COLLARS & TAG CMT @ 510'. DO CMT FROM 510' TO 664'. CIRC HOLE CLEAN. PU WELLCHECK. CONDUCT MIT ON CSG FROM 3996' TO 0'. TST FAILED PER JONATHAN KELLY @ NMOCD. PRESSURED UP TO 575 PSI, PRESSURE DROPPED TO 560 PSI AFTER 30 MINS. RD WELLCHECK. TOH W/TBG. CIRC WELL CLEAN FROM 3115'. RU WELLCHECK, CONDUCT TST ON CSG, SAME RESULTS. RD WELLCHECK. SIW. SL. SDFN.

6/9/2021: MIT FROM 6/8/2021 APPROVED PER MONICA KUEHLING @ NMOCD AND DAVE MANKIEWICZ @ BLM. PU RETRIEVING HEAD, TIH W/TBG, PU PWR SWVL. CIRC WELL ABV RBP. LATCH ONTO & RELEASE RBP. LD PWR SWVL. LD TB. LB RBP. RU BASIN WIRELINE. RIH & PERF STAGE 1 (POINT LOOKOUT) WITH 28 SHOTS, 0.34" DIA, 3-1/8" TITAN CHARGE GUN, SELECT FIRE 1 SPF AT 4660', 4662', 4664', 4666', 4668', 4704', 4708', 4710', 4712', 4742', 4771', 4773', 4795', 4797', 4807', 4814', 4817', 4833', 4835', 4841', 4843', 4845', 4847', 4881', 4883', 4885', 4907', 4913'. PERF STAGE 2 (MENELEE) WITH 22 SHOTS, 0.34" DIA, 3-1/8" TITAN CHARGE GUN, SELECT FIRE 1 SPF AT 4245', 4247', 4308', 4312', 4378', 4380', 4417', 4419', 4421', 4442', 4445', 4448', 4476', 4479', 4481', 4540', 4542', 4545', 4548', 4573', 4576', 4579'. RD BASIN WIRELINE. XO HANDLING TOOLS TO 3 1/2". SIW. SL SDFN.

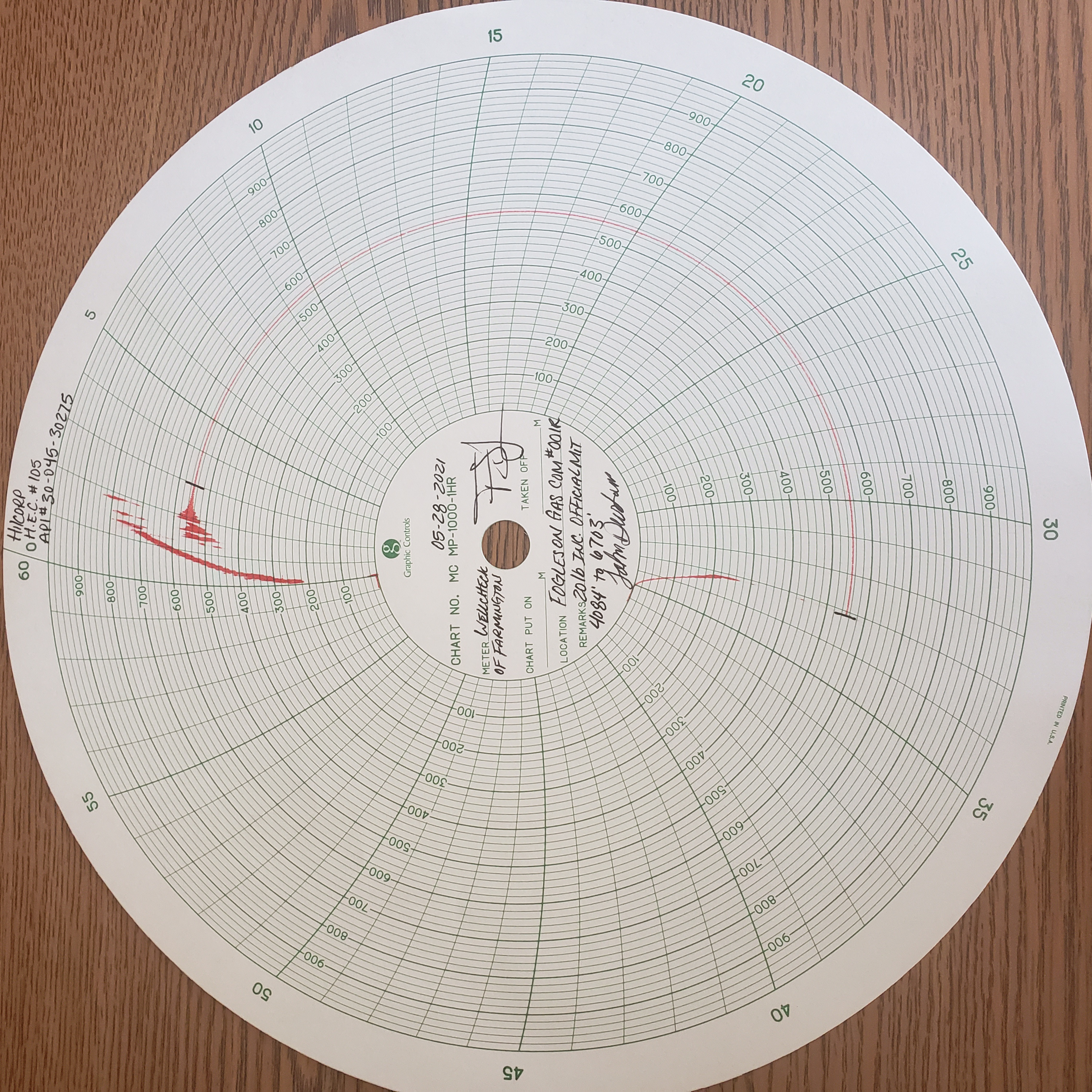
6/10/2021: PU FRAC PKR. TALLY & PU 121 JTS OF 3 1/2" N80, 9.3# EUE FRAC STRING. SET PKR @ 3903.02 W/8K COMPRESSION. LND FRAC STRING. ND BOP. NU FRAC STACK. RU WELLCHECK. PT FRAC STACK & STRING TO 7400 PSI. TST GOOD. RU SANDLINE. RIH & KNOCK OUT CERAMIC DISC. POOH & RD SANDLINE. RDRR @ 1800hrs. WAIT ON FRAC.

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O.H.E.C. #105
API# 30-045-30275

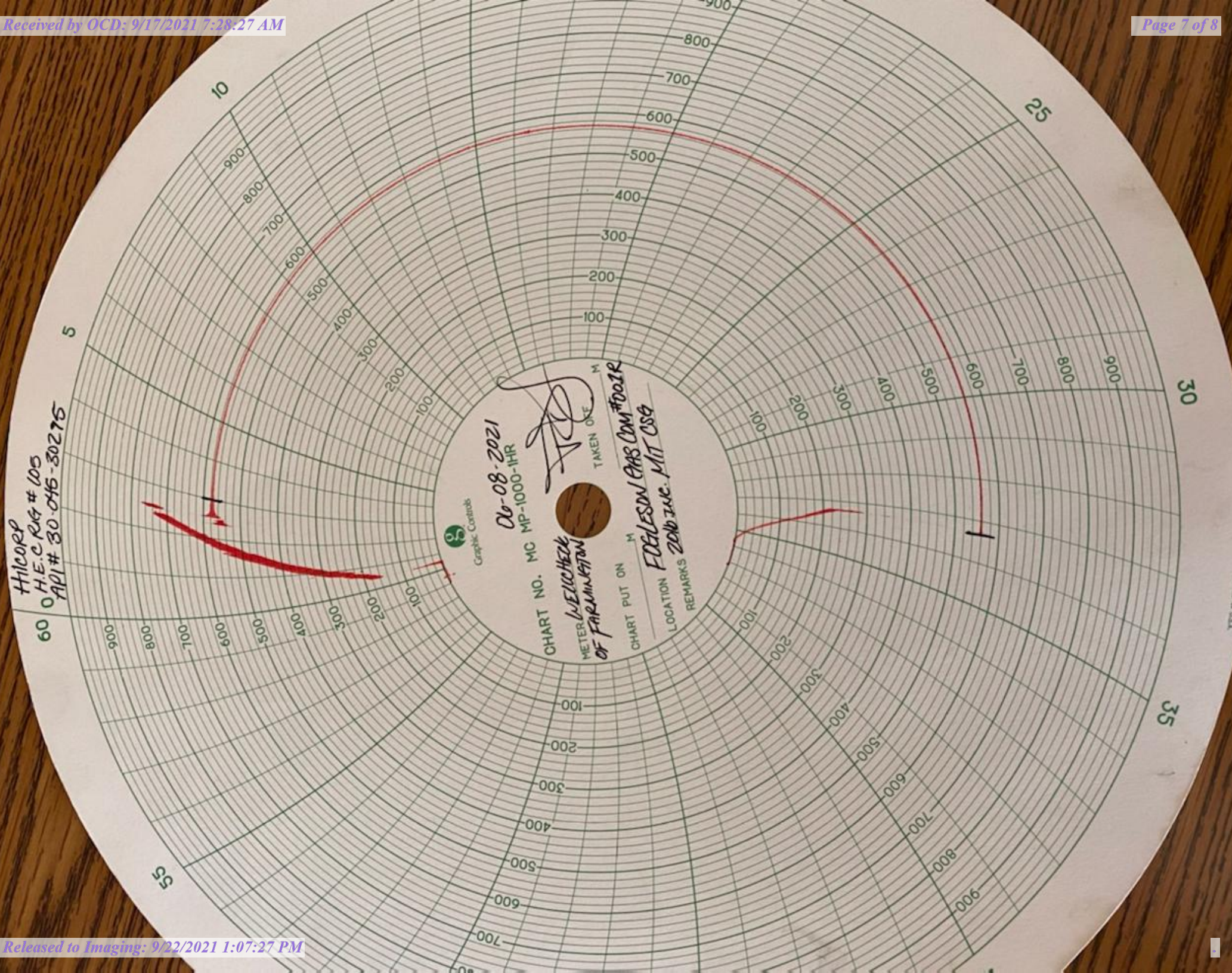


05-28-2021
CHART NO. MC
METER *WELCH*
OF *FAAMING*
TAKEN OFF
LOCATION *Foaleson Gas com #001R*
REMARKS *2016 JUC official MIT*
John Dugan
51-4051
IND

Hilcorp
O.H.E.C. # 105
API # 30-045-30275



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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 49603

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 49603
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	9/22/2021