

Well Name: R.F.U.	Well Location: T26S / R37E / SEC 5 / SWSW / 32.0668534 / -103.191248	County or Parish/State: LEA / NM
Well Number: 56	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMLC030177B	Unit or CA Name: RHODES FEDERAL UNIT	Unit or CA Number: NMNM71022X
US Well Number: 3002537553	Operator: FAE II OPERATING LLC	

Notice of Intent

Sundry ID: 2787969

Type of Submission: Notice of Intent	Type of Action: Acidize
Date Sundry Submitted: 05/01/2024	Time Sundry Submitted: 04:24
Date proposed operation will begin: 09/02/2024	

Procedure Description: Proposed: POOH w/ rods & tbg, Add perms f/ 3150-3180' & 3225-3257' (2 SPF, 124 holes total). Acidize 7 RVRs perf interval f/ 3126 - 3263' w/ 5000 gals 15% NEFE HCL acid, dropping ball sealers throughout job, and flushing with 500 bbls treated fresh water. Run prod tbg & rods, RTP.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

WBD\_30\_025\_37553\_Current\_Proposed\_05012024\_20240501162348.pdf

Received by OCD: 5/3/2024 11:41:30 AM

Well Name: R.F.U.

Well Location: T26S / R37E / SEC 5 / SWSW / 32.0668534 / -103.191248

County or Parish/State: LEA / NM

Well Number: 56

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMLC030177B

Unit or CA Name: RHODES FEDERAL UNIT

Unit or CA Number: NMNM71022X

US Well Number: 3002537553

Operator: FAE II OPERATING LLC

Conditions of Approval

Specialist Review

Workover\_or\_Vertical\_Deepen\_COA\_20240502213310.pdf

Operator

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

Operator Electronic Signature: JESSICA LAMARRO

Signed on: MAY 01, 2024 04:17 PM

Name: FAE II OPERATING LLC

Title: Geologist

Street Address: 11757 KATY FREEWAY SUITE 725

City: HOUSTONState: TX

Phone: (832) 706-0051

Email address: JESSICA@FAENERGYUS.COM

Field

Representative Name:

Street Address:

City:State:Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: JONATHON W SHEPARD

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345972

BLM POC Email Address: jshepard@blm.gov

Disposition: Approved

Disposition Date: 05/02/2024

Signature: Jonathon Shepard

Well Name: **RHODES FEDERAL UNIT #056** API: **30-025-37553** Lease Type: **FEDERAL**  
 Location: **660' FSL & 660' FWL** T-R-Sec-Spot-Lot: **26S-37E-05-M** Lease No: **NMLC-030177-B**  
 Formation(s): **RHODES; YATES-7 RVRs** County/State: **Lea, NM**

**CURRENT**Surface Csg

Size: 8-5/8"  
 Wt.&Thrd: 24#  
 Grade: J-55  
 Set @: 1080'  
 Sxs cmt: 505 sxs  
 Circ: Yes  
 TOC: Surface  
 Hole Size: 12-1/4"

KB: 2986'

DF: 2985'

GL: 2972'

Spud Date: 1/22/2006

Compl. Date: 3/18/2006

TOC (prod csg) 820'

History - Highlights

**03/2006:** RIH w/ bit & scrapper, tagged @ 3,887'. Pickle tbg with 200 gals xylene (1.5 BPM) followed by 300 gals 15% HCL acid, flushed w/ 7 bbls water. Perf Yates-7RVRs 2830-2834', 2900-2904', 2984-2988', 3126-3129', 3260-3263' (2 SPF, 120 deg phasing, total of 36 shots). Acidized entire Yates-7RVRs interval w/ 2000 gals 15% NEFE Acid w/ 50 x 1.3 RCNB sealers. Formation had two ball outs. Formation broke at 731 psi @ 1.5 BPM, pumped 400 gals acid ahead of first ball drop. Increased rate to 4.5 BPM, good ball action. Note: Top zone may have balled out, pressure increased to 2425 psi and broke. Max rate 4.5 BPM @ 1161 psi. SITP 130 psi following day, swabbed back very little fluid with trace of oil. Frac'd Yates-7RVRs perms f/ 2830-3263' w/ 77,257 gals SilverStim LT (gelled frac) w/ total of 151,620# sand (1 to 5 ppg ramp). ATP: 1078 psi @ 49 BPM. Tagged sand @ 3718' (19' fill/24 hrs), RIH w/ production tubing.

TANSIL (Top @ 2671')YATES (Top @ 2817')

2830-2834', 2900-2904', 2984-2988' (2 SPF, 25 shots) - Mar 2006

Acidized Yates-7RVRs interval (2830-3263') w/ 2000 gals 15% HCL Acid &amp; 50 1.3 RCNB sealers

Frac **2830-3263'** interval w/ 77,257 gals Silver Stim LT (gel frac) + 15,040# 20/40 Brady sand, 36,680# 12/40 Brady sand, & 99,900# 8/16 Brady sand (151,620# total), ramped from 1 to 5 ppg. ATP: 1078 psi @ 49 BPM

Fill/Frac Sand 3718'

7 RVRs (Top @ 3000')

3126-3129' (2 SPF, 6 shots) - Mar 2006

Acidized &amp; Frac'd together w/ Yates Perfs

3260-3263' (2 SPF, 7 shots) - Mar 2006

Acidized &amp; Frac'd together w/ Yates Perfs

QUEEN (Top @ 3303')Production Csg

Size: 5-1/2"  
 Wt.&Thrd: 15.5#  
 Grade: J-55  
 Set @: 3990'  
 Sxs Cmt: 1160 sxs  
 Circ:  
 TOC: 820' (log)  
 Hole Size: 7-7/8"

PBTD 3887'  
 TD 3990'

Tubulars - Capacities and Performance

Tubing Details: 101 jts 2-3/8" J-55 tbg, SN, 4' perforated sub, 1 open-ended joint of 2-3/8" J-55 tbg; EOT @ 3317.6'

Rod Details: 130 x 3/4" Grade D rods, &amp; 2" x 1.25" x 12' RHBC Pump

Well Name: **RHODES FEDERAL UNIT #056** API: **30-025-37553** Lease Type: **FEDERAL**  
 Location: **660' FSL & 660' FWL** T-R-Sec-Spot-Lot: **26S-37E-05-M** Lease No: **NMLC-030177-B**  
 Formation(s): **RHODES; YATES-7 RVRs** County/State: **Lea, NM**

**Surface Csg**

Size: 8-5/8"  
 Wt.&Thrd: 24#  
 Grade: J-55  
 Set @: 1080'  
 Sxs cmt: 505 sxs  
 Circ: Yes  
 TOC: Surface  
 Hole Size: 12-1/4"

TOC (prod csg) 820'

KB: 2986'

DF: 2985'

GL: 2972'

Spud Date: 1/22/2006

Compl. Date: 3/18/2006

**PROPOSED****History - Highlights**

**03/2006:** RIH w/ bit & scrapper, tagged @ 3,887'. Pickle tbg with 200 gals xylene (1.5 BPM) followed by 300 gals 15% HCL acid, flushed w/ 7 bbls water. Perf Yates-7RVRs 2830-2834', 2900-2904', 2984-2988', 3126-3129', 3260-3263' (2 SPF, 120 deg phasing, total of 36 shots). Acidized entire Yates-7RVRs interval w/ 2000 gals 15% NEFE Acid w/ 50 x 1.3 RCNB sealers. Formation had two ball outs. Formation broke at 731 psi @ 1.5 BPM, pumped 400 gals acid ahead of first ball drop. Increased rate to 4.5 BPM, good ball action. Note: Top zone may have balled out, pressure increased to 2425 psi and broke. Max rate 4.5 BPM @ 1161 psi. SITP 130 psi following day, swabbed back very little fluid with trace of oil. Frac'd Yates-7RVRs perms f/ 2830-3263' w/ 77,257 gals SilverStim LT (gelled frac) w/ total of 151,620# sand (1 to 5 ppg ramp). ATP: 1078 psi @ 49 BPM. Tagged sand @ 3718' (19' fill/24 hrs), RIH w/ production tubing.

**Proposed:** POOH w/ rods & tbg. Add perms f/ 3150-3180' & 3225-3257' (2 SPF, 124 holes total). Acidize 7 RVRs perf interval f/ 3126 - 3263' w/ 5000 gals 15% NEFE HCL acid, dropping ball sealers throughout job, and flushing with 500 bbls treated fresh water. Run prod tbg & rods, RTP.

**TANSIL (Top @ 2671')****YATES (Top @ 2817')**

2830-2834', 2900-2904', 2984-2988' (2 SPF, 25 shots) - Mar 2006

Acidized Yates-7RVRs interval (2830-3263') w/ 2000 gals 15% HCL Acid &amp; 50 1.3 RCNB sealers

Frac **2830-3263'** interval w/ 77,257 gals Silver Stim LT (gel frac) + 15,040# 20/40 Brady sand, 36,680# 12/40 Brady sand, & 99,900# 8/16 Brady sand (151,620# total), ramped from 1 to 5 ppg. ATP: 1078 psi @ 49 BPM

**7 RVRs (Top @ 3000')**

3126-3129' (2 SPF, 6 shots) - Mar 2006

Acidized &amp; Frac'd together w/ Yates Perfs

**3150-3180', 3225-3257' (2 SPF) - PROPOSED**

Acidize w/ 5000 gals 15% NEFE HCL Acid w/ ball sealers &amp; flush w/ 500 bbls fw

3260-3263' (2 SPF, 7 shots) - Mar 2006

Acidized &amp; Frac'd together w/ Yates Perfs

**QUEEN (Top @ 3303')****Production Csg**

Size: 5-1/2"  
 Wt.&Thrd: 15.5#  
 Grade: J-55  
 Set @: 3990'  
 Sxs Cmt: 1160 sxs  
 Circ:  
 TOC: 820' (log)  
 Hole Size: 7-7/8"

Fill/Frac Sand 3718'

PBSD 3887'

TD 3990'

**Tubulars - Capacities and Performance**

Tubing Details: 101 jts 2-3/8" J-55 tbg, SN, 4' perforated sub, 1 open-ended joint of 2-3/8" J-55 tbg; EOT @ 3317.6'

Rod Details: 130 x 3/4" Grade D rods, &amp; 2" x 1.25" x 12' RHBC Pump

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 340685

CONDITIONS

Operator: FAE II Operating LLC 11757 Katy Freeway, Suite 725 Houston, TX 77079	OGRID: 329326
	Action Number: 340685
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	None	7/19/2024