Received by OCD; 2/25/2025 12:59:55 PM State of New Mexico Phone: (505) 476-3441 Energy, Minerals and Natural Resources General Information WELL API NO. Phone: (505) 629-6116 30-007-20969 OIL CONSERVATION DIVISION Online Phone Directory Visit: 5. Indicate Type of Lease https://www.emnrd.nm.gov/ocd/contact-us/ 1220 South St. Francis Dr. **STATE FEE** Santa Fe, NM 87505 6. State Oil & Gas Lease No. SUNDRY NOTICES AND REPORTS ON WELLS 7. Lease Name or Unit Agreement Name (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 VPR A PROPOSALS.) 8. Well Number 579 1. Type of Well: Oil Well Gas Well Other Coalbed Methane 9. OGRID Number 2. Name of Operator 328741 Wapiti Operating LLC 10. Pool name or Wildcat 3. Address of Operator 1251 Lumpkin Rd, Houston TX 77043 Stubblefield Canyon Raton-Vermejo Gas 4. Well Location L .2163 WEST Unit Letter feet from the SOUTH 958 feet from the line and line Section 28 Township 32N Range Colfax County 19E **NMPM** 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 8449' 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PLUG AND ABANDON REMEDIAL WORK PERFORM REMEDIAL WORK ALTERING CASING □ COMMENCE DRILLING OPNS. **TEMPORARILY ABANDON** CHANGE PLANS P AND A MULTIPLE COMPL \Box CASING/CEMENT JOB PULL OR ALTER CASING DOWNHOLE COMMINGLE П **CLOSED-LOOP SYSTEM** OTHER: RECOMPLETION X OTHER: 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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. Plan to add additional perforations and fracture stimulate zones from 476' to 2,400' All intervals like existing intervals are in the Stubblefield Canyon Raton-Vermejo Gas pool. Gas is produced up the casing, water up the tubing, and commingled in central facilities. NO need for onsite separation. This well is currently connected to Wapiti's current gathering system which has sufficient pipeline, processing, storage, sales, and disposal capacity for the added volumes.

Spud Date: 3/12/11 Rig Re

Rig Release Date: 3/14/11

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



Vermejo Park Ranch A-579 S-T-R: 28-T32N-R19E Colfax County, New Mexico API #: 30-007-20969

AFE: TBD

CURRENT: The A-579 is currently producing 160 mcfd and 360 bwpd. The well was originally spud in March of 2011, then completed between 1,300' and 2,510' in seven stages using plug and perf and frac'd with N2 and a 30# linear gel. The well has cumulative production of 1,197 MMCF and 2,013 MBW.

OBJECTIVE: Move in a workover rig and pull the rods and tubing on this well. Afterwards will perforate various coal seams throughout the wellbore then fracture stimulate utilizing coiled tubing and an isolation tool to individually treat the zones throughout the wellbore.

WELLBORE (see attached WBD):

8-5/8" 24# J-55 casing set at 324'. Cemented with 100 sx. Circulated 5 bbls cmt to surface.

5-1/2" 15.5# J-55 LTC casing set at 2,620'. Burst of 5-1/2" csg is 4,810 psi. Cemented with 357 sx cement, circ 28 bbls cmt to surface. CBL TOC @ surface. PBTD is 2,606'.

Tubing string: 2-7/8" 6.5# J-55 tubing. EOT at 2,583'.

Current Perforations: 1,141' to 2,470' (overall).

PROPOSED RECOMPLETION INTERVALS:

Overall completion interval will be between 476' and 2,400'. Perf details in the procedure and on the wellbore diagram.

PROCEDURE:

ISOLATE LOWER ZONES THEN PERFORATE NEW ZONES

- 1. Check all equipment is function tested and rated to appropriate working pressure. Pull test ground anchors prior to workover rig moving on location. Plan to perform daily JSA's.
- 2. MIRU workover rig. Unhang rods. POOH standing back.
- 3. ND wellhead. Screw on 7-1/16" X 5M BOPE. Pressure test BOPS to 4,000 psi.
- 4. POOH standing back tubing.
- 5. P/U 4.75" bit and scraper and rbih to 2,606'. POOH.
- 6. Top connection on lwr master valve is 5-1/2" 8rd/LTC. MIRU e-line. RIH and perforate the following intervals:
 - a. 476-82' + 490-92'
 - b. 505-08' + 522-24'
 - c. 561-64' + 576-78'
 - d. 610-13'
 - e. 623-25' + 634-36'
 - f. 666-69'
 - g. 688-90' + 704-06'
 - h. 845-47'
 - i. 884-87' + 898-900'
 - j. 914-16' + 933-35'
 - k. 956-61' + 968-70' + 978-82'
 - I. 1,026-28' + 1,034-36' + 1,046-48'
 - m. 1,120-22'
 - n. 1,185-87' + 1,201-05'
 - o. 1,228-30' + 1,234-36' + 1,237-40'
 - p. 1,400-04'
 - q. 1,465-66'
 - r. 1,963-65' + 1,974-82'
 - s. 2,398-400'
 - t. ALL 3 SPF / 120 DEG PHASING WITH 3-1/8" GUN
- 7. RDMO e-line.
- 8. RBIH with tubing and bit and scraper to 2,606'.
- 9. POOH laying down tubing. ND BOPE, NU 5-1/2" lwr master valve. RDMO workover rig and all auxiliary equipment to make room for frac equipment.

FRACTURE STIMULATE VIA STRADDLE PACKER SYSTEM

- 10. Spot frac tanks (# determined by total estimated fluid volume for job) and sand king.
- 11. MIRU 2-7/8" CTU with straddle packer isolation tool. MIRU frac pumps, nitrogen unit, chem add and frac van. Get on depth by tagging btm and adjusting counter.
- 12. Fracture stimulate all additional perforations in pre-determined stages based on perforation proximity.
- 13. Once all stages have been pumped, RIH to PBTD and circulate well clean. POOH with CTU and close in master valve. RDMO CTU and all auxiliary equipment.

RUN TUBING AND RODS AND RETURN TO PRODUCTION

- 14. MIRU workover rig. ND lower master, NU bope.
- 15. RBIH mill to 2,606'. Then run rods and tbg to same depths as prior to workover.
- 16. N/D BOPE, N/U wellhead/flow tee. RIH with pump and rods and space out as needed.
- 17. Load tubing with FSW. Verify pump action. Open well up as per flowback program.



Vermejo Park Ranch A-579

2,163' FSL & 958' FWL Sec 28-T32N-R19E Colfax Co, NM

API: 30-007-20969 WI: 1 0000000 NRI: 0.9300000

CURRENT WELLBOERE SCHEMATIC

GL: 8,449' RKB: 8,449' Spud: 3/12/2011 TD date: 3/13/2011 Completed: 5/26/2011 Last workover: 1/23/2025 Last mod:

15" hole 11" hole

12-3/4" conductor pipe set at 17'

CURRENT

8 5/8" 24# J-55 surface casing set at 324' Cmt'd with 100 sx. Circulated 5 bbls of cement to surface.

PROD TUBING DETAIL (1/23/2025)

KB elevation: 0.0' 2 of 2-7/8" SUBS 16.20' 78 joinst of 2-7/8" J-55 tubing 2555.74' 1 joint of 2-7/8" TBG PUMP 2573 38' 1 VWS 2582 83' **End of Tubing** 2583'

ROD AND PUMP DETAIL (1/23/2025)

22' x 1-1/4" polish rod 10' x 3/4"x2.' pony rod (79) 3/4" rods (22) 7/8" rods 4' x 7/8" pony rods

SLICKLINE AND OTHER INFORMATION:

5-1/2" 15.5# J-55 CASING SPECS

ID - 4.950" Drift - 4.825" Burst - 4,810 psi Collapse - 4,040 psi 1305-08', 1300-03' 51,415 # of 16/30 Daniel Upr Raton FG - psi/ft Stage #7 4 SPF (05/18/2011) 400 # of 40/70 ISIP - 1,653 psig 610,000 scf of foam

1357-67' 80,000 # of 16/30 Daniel Upr Raton FG - psi/ft Stage #6 4 SPF (05/18/2011) 800 # of 40/70 ISIP - 1,599 psig

930,000 scf of foam

2013-15', 1998-2000' 32,000 # of 16/30 Daniel Lwr Raton FG - psi/ft Stage #5

400 # of 40/70 ISIP - 597 psig 395,000 scf of foam

Vermeio

Notes: On VAC

Stage #2

2248-52' 32,000 # of 16/30 Daniel FG - psi/ft Vermejo Stage #4 4 SPF (05/18/2011) 400 # of 40/70 ISIP - 663 psig

264,000 scf of foam

48,100 # of 16/30 Daniel 2317-21', 2303-05' Vermejo FG - psi/ft Stage #3 4 SPF (05/18/2011) 400 # of 40/70 ISIP - 627 psig

345.000 scf of foam

265,000 scf of foam

2452-54', 2448-50', 2439-42' 56,400 # of 16/30 Daniel FG - psi/ft 4 SPF (05/18/2011) 400 # of 40/70 ISIP - 58 psig 409,000 scf of foam

2507-10', 2494-96' 40,000 # of 16/30 Daniel FG - psi/ft Vermejo Stage #1 ISIP - 0 psig 4 SPF (05/18/2011) 400 # of 40/70

7-7/8" hole PBTD - 2,606' 5-1/2" 15.5# J-55 casing set at 2,620'. Cmt'd w/466 sx cement. Circulated 28 bbls cement to surl

TD - 2,680' TVD - 2,680' 4 SPF (05/18/2011)



CURRENT WELLBOERE SCHEMATIC

GL: 8,449' RKB: 8.449 Spud: 3/12/2011 TD date: 3/13/2011 Completed: 5/26/2011 Last workover: 1/23/2025

PROD TUBING DETAIL (1/23/2025)

Last mod:

0.0' KB elevation: 2 of 2-7/8" SUBS 16.20' 78 joinst of 2-7/8" J-55 tubing 2555.74' 1 joint of 2-7/8" TBG PUMP 2573.381 1 VWS 2582.83' **End of Tubing** 2583'

ROD AND PUMP DETAIL (1/23/2025)

22' x 1-1/4" polish rod 10' x 3/4"x2.' pony rod (79) 3/4" rods (22) 7/8" rods 4' x 7/8" pony rods

SLICKLINE AND OTHER INFORMATION:

5-1/2" 15.5# J-55 CASING SPECS

ID - 4.950" Drift - 4.825" Burst - 4,810 psi Collapse - 4,040 psi Vermejo Park Ranch A-579 2,163' FSL & 958' FWL

15" hole

11" hole

WI: 1.0000000 Sec 28-T32N-R19E NRI: 0.9300000 Colfax Co, NM

> 12-3/4" conductor pipe set at 17' **PROPOSED**

API:

30-007-20969

8 5/8" 24# J-55 surface casing set at 324'

Cmt'd with 100 sx. Circulated 5 bbls of cement to surface.

PROPOSED: 476-82' + 490-92' PROPOSED: 505-08' + 522-24'

PROPOSED: 561-64' + 576-78'

PROPOSED: 610-13'

PROPOSED: 623-25' + 634-36'

PROPOSED: 666-69'

PROPOSED: 688-90' + 704-06'

PROPOSED: 845-47'

PROPOSED: 884-87' + 898-900 PROPOSED: 914-16' + 933-35'

PROPOSED: 956-61' + 968-70' + 978-82' PROPOSED: 1,026-28' + 1,034-36' + 1,046-48'

PROPOSED: 1,120-22'

PROPOSED: 1,185-87' + 1,201-05'

PROPOSED: 1,228-30' + 1,234-36' + 1,237-40'

1305-08', 1300-03' 51,415 # of 16/30 Daniel Upr Raton FG - psi/ft Stage #7 4 SPF (05/18/2011) 400 # of 40/70 ISIP - 1,653 psig

610,000 scf of foam

Stage #6 1357-67' 80,000 # of 16/30 Daniel Upr Raton FG - psi/ft

ISIP - 1,599 psig

ISIP - 597 psig

4 SPF (05/18/2011) 800 # of 40/70 930 000 scf of foam

PROPOSED: 1,400-04'

PROPOSED: 1,465-66'

PROPOSED: 1,963-65' + 1,974-82'

2013-15', 1998-2000' 32,000 # of 16/30 Daniel FG - psi/ft Lwr Raton Stage #5

4 SPF (05/18/2011) 400 # of 40/70

395,000 scf of foam

2248-52' 32,000 # of 16/30 Daniel Vermejo FG - psi/ft Stage #4

4 SPF (05/18/2011) 400 # of 40/70 ISIP - 663 psig 264,000 scf of foam

2317-21' 2303-05' 48 100 # of 16/30 Daniel FG - psi/ft Vermejo Stage #3

4 SPF (05/18/2011) ISIP - 627 psig 400 # of 40/70

345,000 scf of foam

PROPOSED: 2,398-400'

2452-54', 2448-50', 2439-42' 56,400 # of 16/30 Daniel FG - psi/ft Stage #2 Vermejo 4 SPF (05/18/2011) ISIP - 58 psig

400 # of 40/70 409,000 scf of foam

Stage #1

2507-10', 2494-96' 40,000 # of 16/30 Daniel Vermeio FG - psi/ft 4 SPF (05/18/2011) 400 # of 40/70 ISIP - 0 psig

265,000 scf of foam Notes: On VAC

5-1/2" 15.5# J-55 casing set at 2,620'. Cmt'd w/466 sx cement. Circulated 28 bbls cement to surl

7-7/8" hole PBTD - 2,606 TD - 2,680' TVD - 2,680'

Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 435236

CONDITIONS

Operator:	OGRID:
Wapiti Operating, LLC	328741
1251 Lumpkin Rd	Action Number:
Houston, TX 77043	435236
	Action Type:
	[C-103] NOI Recompletion (C-103E)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Notify the OCD inspection supervisor via email 24 Hours Prior to beginning operations.	3/26/2025
ward.rikala	All conducted logs shall be submitted to the OCD as a [UF-WL] EP Well Log Submission (WellLog).	3/26/2025
ward.rikala	A C-104 packet is required if, a pool is added, or perforations are added above or below existing perfs.	3/26/2025