

Santa Fe Main Office
Phone: (505) 476-3441
General Information
Phone: (505) 629-6116

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (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 PROPOSALS.)		WELL API NO. 30-007-20426
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other Coalbed Methane		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Wapiti Operating LLC		6. State Oil & Gas Lease No.
3. Address of Operator 1251 Lumpkin Rd, Houston TX 77043		7. Lease Name or Unit Agreement Name VPR B
4. Well Location Unit Letter <u>E</u> : <u>1396</u> feet from the <u>NORTH</u> line and <u>575</u> feet from the <u>WEST</u> line Section <u>29</u> Township <u>30N</u> Range <u>18E</u> NMPM Colfax County		8. Well Number <u>45</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 8,330'		9. OGRID Number <u>328741</u>
10. Pool name or Wildcat Castle Rock Vermejo		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: RECOMPLETION <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 393' to 1186'.

Detailed perforations are: 393-396 | 519-521 + 525-527 | 561-564 | 600-603 | 659-661 + 667-669 | 749-752 | 791-794 + 805-808 | 901-905 + 911-913 | 966-968 | 1013-1016 | 1055-1057 + 1062-1065 | 1086-1089 | 1183-1186

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:

7-21-2003

Rig Release Date:

7-23-2003

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

SIGNATURE Ed Skrljac TITLE Raton Ops Manager DATE 5-9-2025

Type or print name Edward Skrljac E-mail address: eskrjac@wapitienergy.com PHONE: 713-365-8506

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):



Vermejo Park Ranch B-45

S-T-R: 29-T30N-R18E

Colfax County, New Mexico

API #: 30-007-20426

AFE: TBD

CURRENT

The B-45 is currently producing 60 mcf/d and 1 bwp/d. The well was originally spud in July 2003 and completed between 1,229' and 2,484' in eight stages using plug and perf and frac'd with N2 and a 30# linear gel. The well has cumulative production of 696 MMCF and 19 MBW.

OBJECTIVE

Move in a workover rig and pull the rods and tubing on this well. Afterwards we 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 326'. Cemented with 100 sx. Circulated 6 bbls cmt to surface.

5-1/2" 17# J-55 LTC csg @ 388' XO to 5-1/2" 15.5# J-55 LTC @ 2,615'

Burst of 5-1/2" csg is 4,810 psi. Cemented with 276 sx cement. PBTD is 2,600'. Circ 37 bbls to surf. TOC is at surface.

NOTE: Drift of 5-1/2" 17# csg is 4.767".

Tubing string: 2-7/8" 6.5# J-55 tubing. EOT at 2,523'.

Current Perforations: 1,229' to 2,484' (overall). See WBD for exact perforations.

Proposed Recompletion Intervals

393-396 | 519-521 + 525-527 | 561-564 | 600-603 | 659-661 + 667-669 | 749-752 | 791-794 + 805-808 | 901-905 + 911-913 | 966-968 | 1013-1016 | 1055-1057 + 1062-1065 | 1086-1089 | 1183-1186

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 2,523'. POOH.
6. Top connection on lwr master valve is 5-1/2" 8rd/LTC. MIRU e-line. RIH and perforate the following intervals:
 - a. 393-396
 - b. 519-521 + 525-527
 - c. 561-564
 - d. 600-603
 - e. 659-661 + 667-669
 - f. 749-752
 - g. 791-794 + 805-808
 - h. 901-905 + 911-913
 - i. 966-968
 - j. 1013-1016
 - k. 1055-1057 + 1062-1065
 - l. 1086-1089
 - m. 1183-1186
 - n. ALL 3 SPF / 120 DEG PHASING WITH 3-1/8" GUN
7. RDMO e-line.
8. RBIH with tubing and bit and scraper to 2,523'.
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 2,523'. 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.

**CURRENT WELLBORE SCHEMATIC**

GL: 8,330'
 RKB: 8,330'
 Spud: 7/21/2003
 TD date: 7/22/2003
 Completed: 8/31/2003
 Last workover:
 Last mod:

PROD TUBING DETAIL (6/31/2003)

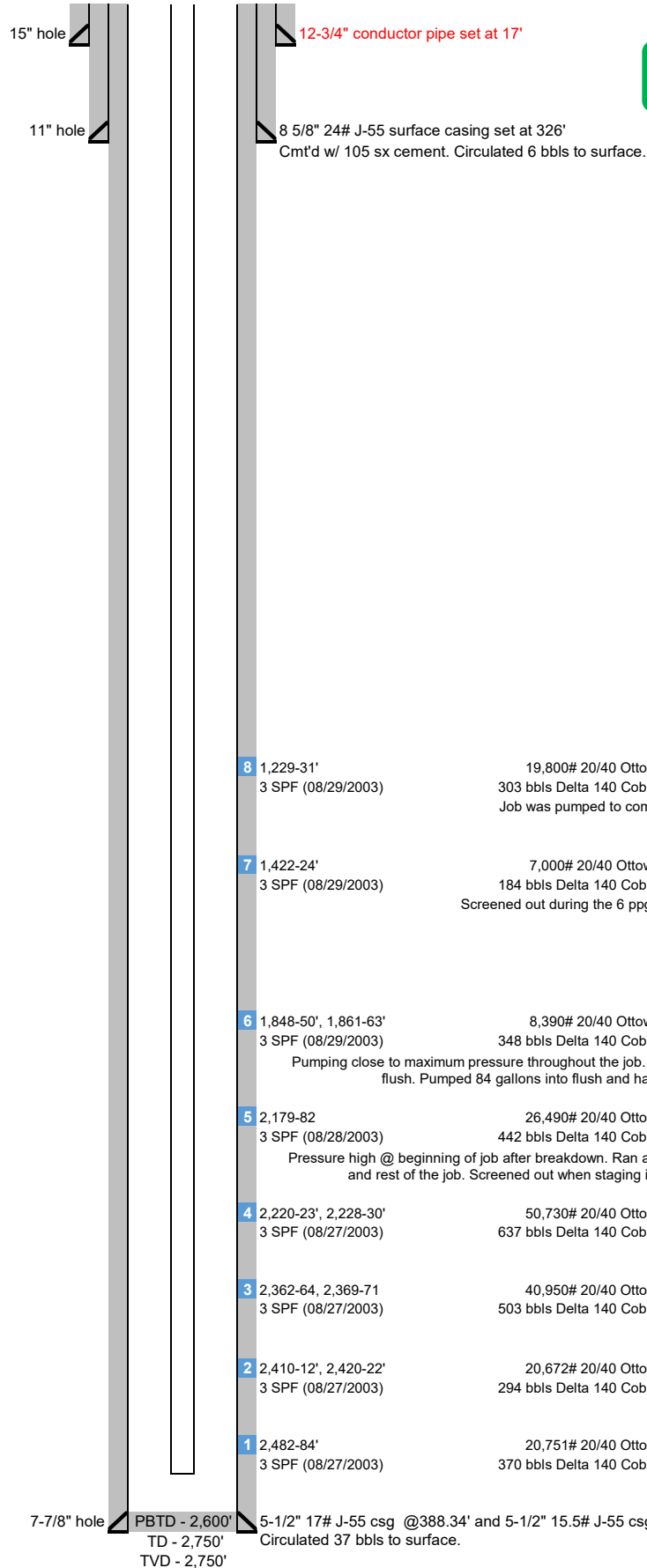
KB elevation: 0.0'
 77 joints of 2-7/8" J-55 tubing 2,482.6
 2-7/8" seat nipple 2,483.7
 2-7/8" tail joint 2,516.2
 2-7/8" x 2-3/8" x-over 2516.7
 2-3/8" sub 2,522.8
End of Tubing 2522.8

ROD AND PUMP DETAIL (6/31/2003)

1 - 16' x 1-1/4" polish rod
 (99) 3/4" rods
 4' x 7/8" guided pony

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

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15" hole

11" hole

7-7/8" hole

PBTD - 2,600'
 TD - 2,750'
 TVD - 2,750'

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

8 5/8" 24# J-55 surface casing set at 326'
 Cmt'd w/ 105 sx cement. Circulated 6 bbls to surface.

PROPOSED: 393-396**PROPOSED: 519-521 + 525-527****PROPOSED: 561-564****PROPOSED: 600-603****PROPOSED: 659-661 + 667-669****PROPOSED: 749-752****PROPOSED: 791-794 + 805-808****PROPOSED: 901-905 + 911-913****PROPOSED: 966-968****PROPOSED: 1013-1016****PROPOSED: 1055-1057 + 1062-1065****PROPOSED: 1086-1089****PROPOSED: 1183-1186**

8 1,229-31' 19,800# 20/40 Ottawa **Raton** FG - 3.56 psi/ft
 3 SPF (08/29/2003) 303 bbls Delta 140 Cobra Frac
 ISIP - 3,848 psig
 Job was pumped to completion. Pressure was high throughout the job.

7 1,422-24' 7,000# 20/40 Ottawa **Lwr Raton** FG - N/A psi/ft
 3 SPF (08/29/2003) 184 bbls Delta 140 Cobra Frac
 ISIP - N/A psig
 Screened out during the 6 ppg sand stage.

6 1,848-50', 1,861-63' 8,390# 20/40 Ottawa **Lwr Raton** FG - N/A psi/ft
 3 SPF (08/29/2003) 348 bbls Delta 140 Cobra Frac
 ISIP - N/A psig
 Pumping close to maximum pressure throughout the job. Cut sand during the 3 ppg sand stage and went to flush. Pumped 84 gallons into flush and had to shutdown because of pressure.

5 2,179-82 26,490# 20/40 Ottawa **Lwr Raton** FG - N/A psi/ft
 3 SPF (08/28/2003) 442 bbls Delta 140 Cobra Frac
 ISIP - N/A psig
 Pressure high @ beginning of job after breakdown. Ran a 0.5ppg sand slug in Pre-Pad, continued on to Pad and rest of the job. Screened out when staging into Flush. Left 38.7 sks of sand in tubing.

4 2,220-23', 2,228-30' 50,730# 20/40 Ottawa **Vermejo** FG - 1.37 psi/ft
 3 SPF (08/27/2003) 637 bbls Delta 140 Cobra Frac
 ISIP - 2,088 psig

3 2,362-64, 2,369-71 40,950# 20/40 Ottawa **Vermejo** FG - 1.28 psi/ft
 3 SPF (08/27/2003) 503 bbls Delta 140 Cobra Frac
 ISIP - 2,000 psig

2 2,410-12', 2,420-22' 20,672# 20/40 Ottawa **Vermejo** FG - 0.90 psi/ft
 3 SPF (08/27/2003) 294 bbls Delta 140 Cobra Frac
 ISIP - 1,126 psig

1 2,482-84' 20,751# 20/40 Ottawa **Vermejo** FG - 1.93 psi/ft
 3 SPF (08/27/2003) 370 bbls Delta 140 Cobra Frac
 ISIP - 3,709 psig

5-1/2" 17# J-55 csg @388.34' and 5-1/2" 15.5# J-55 csg @ 2615.26'. Cmt'd w/ 392 sx Midcon II.
 Circulated 37 bbls to surface.

PROPOSED

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CONDITIONS

Action 460518

CONDITIONS

Operator: Wapiti Operating, LLC 1251 Lumpkin Rd Houston, TX 77043	OGRID: 328741
	Action Number: 460518
	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.	5/22/2025
ward.rikala	All conducted logs shall be submitted to the OCD as a [UF-WL] EP Well Log Submission (WellLog).	5/22/2025
ward.rikala	A C-104 packet is required if, a pool is added, or perforations are added above or below existing perms.	5/22/2025
ward.rikala	Down Hole Commingle order is required prior to commingling of production.	5/22/2025