Received by OCD : 2/28/2025 2:48:56 PM

State of New Mexico

Form C-103 of 7

Phone: (505) 476-3441 General Information Phone: (505) 629-6116	Energy, Minerals and Natural Resources		WELL API NO.	Revised July	18, 201
Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	OIL CONSERVATION 1220 South St. Fra Santa Fe, NM 8	ncis Dr.	30-007-2 5. Indicate Type STATE 6. State Oil & G	of Lease FEE X	
(DO NOT USE THIS FORM FOR PROPOS DIFFERENT RESERVOIR. USE "APPLIC PROPOSALS.)	ATION FOR PERMIT" (FORM C-101) For Gas Well  Other Coalbed M	UG BACK TO A OR SUCH	7. Lease Name of 8. Well Number 9. OGRID Num	210	Name
3. Address of Operator 1251 Lumpkin Rd, Houston T	X 77043		10. Pool name o Stubblefield Car	r Wildcat nyon Raton-Vermej	o Gas
4. Well Location  Unit Letter L :: Section 12	feet from the South Township 31N Ra	line and 8		om the <u>West</u> x County	line
	11. Elevation (Show whether Di 8,363'			j	
NOTICE OF INPERFORM REMEDIAL WORK TEMPORARILY ABANDON	PLUG AND ABANDON ☐ CHANGE PLANS ☐	SUB REMEDIAL WOR COMMENCE DRI	SEQUENT RE K □ LLING OPNS.□		NG 🔲
PULL OR ALTER CASING  DOWNHOLE COMMINGLE  CLOSED-LOOP SYSTEM  OTHER:	MULTIPLE COMPL   RECOMPLETION   X	CASING/CEMENT OTHER:	I JOB 📙		
13. Describe proposed or comple	eted operations. (Clearly state all k). SEE RULE 19.15.7.14 NMA ompletion.				
Exact perforations are: 4	rforations and fracture stimulate zone (47-52', 487-92', 513-15' + 521-25', 50 (2', 962-64', 1,016-22', 1,042-44' + 1,0	63-65', 695-98', 731-3	7', 771-73' + 789-91		7-90',
All intervals like existing	intervals are in the Stubblefield Can	yon Raton-Vermejo C	as 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.

Rig Release Date: Spud Date: 4/22/05 4/23/05

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

SIGNATURE TITLE Raton Ops Manager 2/28/2025 DATE Edward Skrljac E-mail address: eskrljac@wapitienergy.com PHONE: 713-365-8506 Type or print name For State Use Only APPROVED BY: TITLE DATE

Conditions of Approval (if any):



Vermejo Park Ranch A-210 S-T-R: 12-T31N-R19E Colfax County, New Mexico API #: 30-007-20601

**AFE: TBD** 

**CURRENT:** The A-210 is currently producing 88 mcfd and 15 bwpd. The well was originally spud in April of 2005, then completed between 1,112' and 2,462' in four stages using plug and perf and frac'd with N2 and a 30# linear gel. The well has cumulative production of 989 MMCF and 312 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 335'. Cemented with 100 sx. Circulated 5 bbls cmt to surface.

5-1/2" 15.5# J-55 LTC casing set at 2,656'. Burst of 5-1/2" csg is 4,810 psi. Cemented with 357 sx cement, circ 20 bbls cmt to surface. PBTD is 2,640'.

Tubing string: 2-7/8" 6.5# J-55 tubing. EOT at 2,553'.

Current Perforations: 1,112' to 2,462' (overall). See wbd for details.

#### PROPOSED RECOMPLETION INTERVALS:

Overall completion interval will be between 447' and 1,444'. 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 2,640'. POOH.
- 6. Top connection on lwr master valve is 5-1/2" 8rd/LTC. MIRU e-line. RIH and perforate the following intervals:
  - a. 447-52'
  - b. 487-92'
  - c. 513-15' + 521-25'
  - d. 563-65'
  - e. 695-98'
  - f. 731-37'
  - g. 771-73' + 789-91'
  - h. 822-29'
  - i. 857-59'
  - j. 887-90'
  - k. 903-05' + 916-18'
  - I. 940-42'
  - m. 962-64'
  - n. 1,016-22'
  - o. 1,042-44' + 1,050-52'
  - p. 1,235-41'
  - q. 1,339-41'
  - r. 1,417-19'
  - s. 1,442-44'
  - 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 2,640'.
- 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 2,640'. 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-210 1,844' FSL & 845' FWL

Sec 12-T31N-R19E Colfax Co, NM

#### API: 30-007-20601 WI: 1.0000000 NRI: 0.9300000

Current

#### CURRENT WELLBOERE SCHEMATIC

GL: 8,363'
RKB: 8,363'
Spud: 4/22/2005
TD date: 4/23/2005
Completed: 6/23/2005
Last workover: 5/23/2013

## 17" hole 2 13-3/8" set at 40'

8 5/8" 24# J-55 surface casing set at 335'

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

#### PROD TUBING DETAIL (4/18/2013)

Last mod:

KB elevation: 0.0' 80 joinst of 2-7/8" J-55 tu 2,514.54'

 Seating nipple
 1.1'
 2,515.64'

 1 joint 2-7/8" TJ
 30.60'
 2,546.24'

 1 joint 2-7/8" x 2-3/8" J-55 XO
 0.50'
 2,546.74'

 1 joint 2-3/8" J-55 TUB SUB
 6.33'
 2,553.07'

 End of Tubing
 2,553.07'

#### ROD AND PUMP DETAIL (4/18/2013)

16' x 1-1/4" polish rod (2) 6' x 3/4" pony rod (100) 3/4" rods 3' 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 

 4
 1,274-76', 1,210-14', 1,168-74'
 91,631 # of 16/20
 Raton
 FG - 0.91 psi/ft

 1,112-18' at 4 SPF (6/15/2005)
 647,104 SCF of foam
 ISIP - 563 psig

 557 bbls of fluids

3 2,040-44' 17,845 # of 16/20 Vermejo FG-1.3 psi/ft 4 SPF (6/15/2005) 514,396 SCF of foam ISIP-1,782 psig 407 bbls of fluids

2 2,319-22', 2,290-94', 2,254-57' 44,165 # of 16/20 Vermejo FG-0.64 psi/ft 2,210-12' at 4 SPF (6/15/2005) 516,902 SCF of foam ISIP-479 psig

397 bbls of fluids

1 2,459-62', 2,438-43' 32,379 # of 16/20 Vermejo FG- psi/ft 4 SPF (6/14/2005) 505,257 SCF of foam ISIP- psig 397 bbls of fluids

7-7/8" hole PBTD - 2,640' 5-1/2" 15.5# J-55 csg @ 2,656'. Cmt'd w/388 sx cmt. Circ 20 bbls cmt to surf. TD - 2,725' TVD - 2,725'

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Vermejo Park Ranch A-210

1,844' FSL & 845' FWL Sec 12-T31N-R19E Colfax Co, NM

11" hole

API: 30-007-20601 WI: 1.0000000 NRI: 0.9300000

#### CURRENT WELLBOERE SCHEMATIC

Last mod:

GL: 8,363'
RKB: 8,363'
Spud: 4/22/2005
TD date: 4/23/2005
Completed: 6/23/2005
Last workover: 5/23/2013

17" hole \_\_\_\_\_ 13-3/8" set at 40'

**PROPOSED** 

8 5/8" 24# J-55 surface casing set at 335'

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

PROPOSED: 447-52' PROPOSED: 487-92'

PROPOSED: 513-15' + 521-25'

PROPOSED: 563-65'

PROPOSED: 695-98' PROPOSED: 731-37'

PROPOSED: 771-73' + 789-91'

PROPOSED: 822-29'
PROPOSED: 857-59'
PROPOSED: 887-90'

PROPOSED: 903-05' + 916-18'

PROPOSED: 940-42' PROPOSED: 962-64'

PROPOSED: 1,016-22'

PROPOSED: 1,042-44' + 1,050-52'

#### ROD AND PUMP DETAIL (4/18/2013)

PROD TUBING DETAIL (4/18/2013)

0.0'

1.1' 2,515.64'

30.60' 2,546.24'

0.50' 2,546.74'

6.33' **2,553.07'** 

2,553.07

2,514.54'

16' x 1-1/4" polish rod (2) 6' x 3/4" pony rod (100) 3/4" rods 3' x 7/8" pony rods

80 joinst of 2-7/8" J-55 tu

1 joint 2-7/8" x 2-3/8" J-55 XO

1 joint 2-3/8" J-55 TUB SUB

KB elevation:

Seating nipple

1 joint 2-7/8" TJ

**End of Tubing** 

#### PROPOSED: 1,235-41' (IN BETWEEN FRAC'D ZONE IMMEDIATELY BELOW)

4 1,274-76', 1,210-14', 1,168-74' 91,631 # of 16/20 Raton FG-0.91 psi/ft 1,112-18' at 4 SPF (6/15/2005) 647,104 SCF of foam S57 bbls of fluids

PROPOSED: 1,339-41'

PROPOSED: 1,417-19' PROPOSED: 1,442-44'

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 3 2,040-44' 17,845 # of 16/20 Vermejo FG-1.3 psi/ft 4 SPF (6/15/2005) 514,396 SCF of foam ISIP-1,782 psig 407 bbls of fluids

397 bbls of fluids

 2,459-62', 2,438-43'
 32,379 # of 16/20 Vermejo
 FG- psi/ft

 4 SPF (6/14/2005)
 505,257 SCF of foam
 ISIP- psig

5-1/2" 15.5# J-55 csg @ 2,656'. Cmt' 397 bbls of fluids

7-7/8" hole PBTD - 2,640' 5-1/2" 15.5# J-55 csg @ 2,656'. Cmt'd w/388 sx cmt. Circ 20 bbls cmt to surf.

TD - 2,725' TVD - 2,725' 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 437891

#### **CONDITIONS**

Operator:	OGRID:
Wapiti Operating, LLC	328741
1251 Lumpkin Rd	Action Number:
Houston, TX 77043	437891
	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