

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

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. 30-039-22943
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator WPX Energy Production, LLC		6. State Oil & Gas Lease No.
3. Address of Operator P. O. Box 640, Aztec, NM 87410 505-333-1822		7. Lease Name or Unit Agreement Name Jicarilla 93 RCVD JUL 20 '12
4. Well Location Unit Letter <u>F</u> : <u>1850</u> feet from the <u>N</u> line and <u>1660</u> feet from the <u>W</u> line Section <u>34</u> Township <u>27N</u> Range <u>3W</u> NMPM County <u>Rio Arriba</u>		8. Well Number OIL CONS. DIV.
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 7152'		9. OGRID Number DIST. 3 120782
		10. Pool name or Wildcat Blanco MV/Pictured Cliffs

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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: Surface Commingle Of Condensate <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.

WPX Energy Production, LLC, requests approval to commingle condensate from the Jicarilla 93 #12 into a single tank to allow for more efficient operations and to remove excess tankage. In support of this request, WPX states:

- This well is a dual completion to the Blanco Mesaverde (72319) and the Gavilan Pictured Cliffs (77360) and is producing gas through a packer and is metered separately.
- WPX is requesting commingling of **only the condensate** from the aforementioned pools. Gas will continue to be metered separately.
- Ownership in said pools is identical (see attached statement from WPX landman).
- See attached site diagram showing the changes of the routing of the condensate. The 2-100 BBL condensate tanks will be removed. The condensate will be taken from the separator via a below grade condensate dump to a 300 BBL tank which will replace the existing 100 BBL tank.

Spud Date:

Rig Release Date:

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

SIGNATURE Heather Riley TITLE Regulatory Specialist, Sr.

DATE: 7/18/12

Type or print name Heather Riley E-mail address: heather.riley@wpxenergy.com PHONE: 505-333-1822

For State Use Only

APPROVED BY:

Charles

SUPERVISOR DISTRICT # 3

2012 JUL 19
RECEIVED
OCD
12:46

June 11, 2012



To: New Mexico Oil Conservation Division

Re: Jicarilla #93 #12 PC/MV Dual
Sec. 34, T27N, R3W
Rio Arriba County, New Mexico

Ladies and Gentlemen:

WPX Energy Production, LLC ("WPX") is the operator of the Jicarilla #93 PC/MV dual well located in Section 34, T27N - R3W. WPX plans to commingle the condensate from the two zones at the surface to allow for more efficient operation to get rid of the extra tankage.

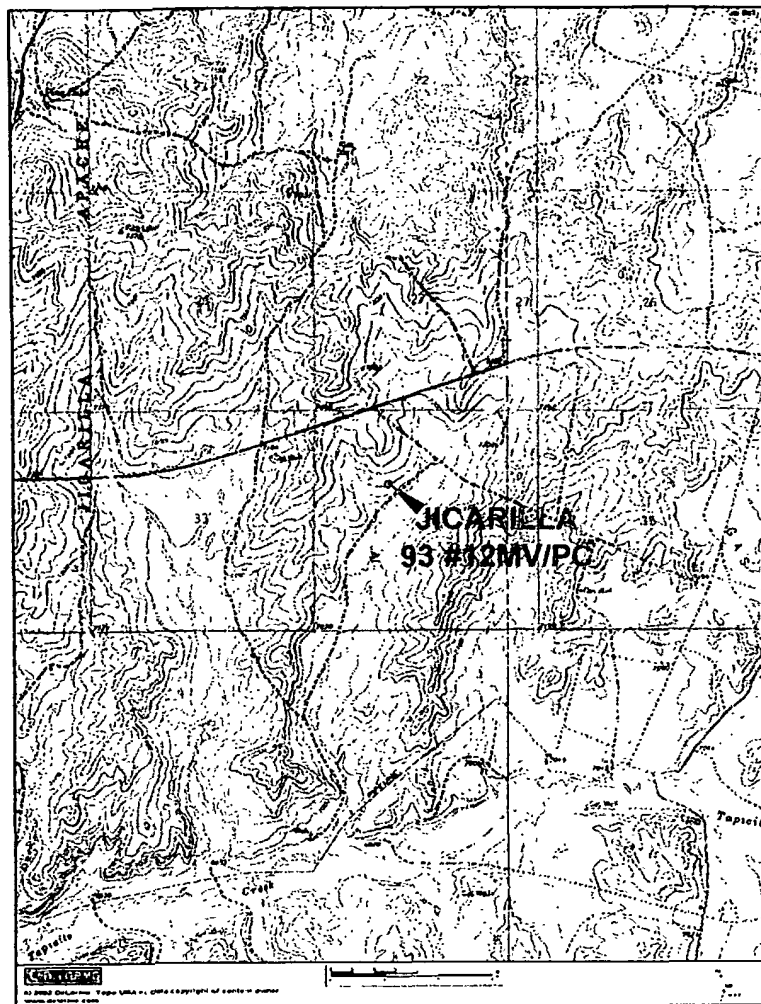
One of the issues in question is whether or not the ownership is identical in both formations. Identical Ownership is defined in Article 19.15.12.7 (b) of the NMOCD rules as "Leases or pools have the same working, royalty, and overriding royalty ownership in exactly the same percentages." While the spacing unit dedication for this well is different for the Pictured Cliffs (NW/4) than it is for the Mesaverde (W/2), the ownership is **Identical** (same working, royalty, and overriding royalty) in the two (2) formations for this well.

Should you have any questions, please contact the undersigned at 539-573-2878.

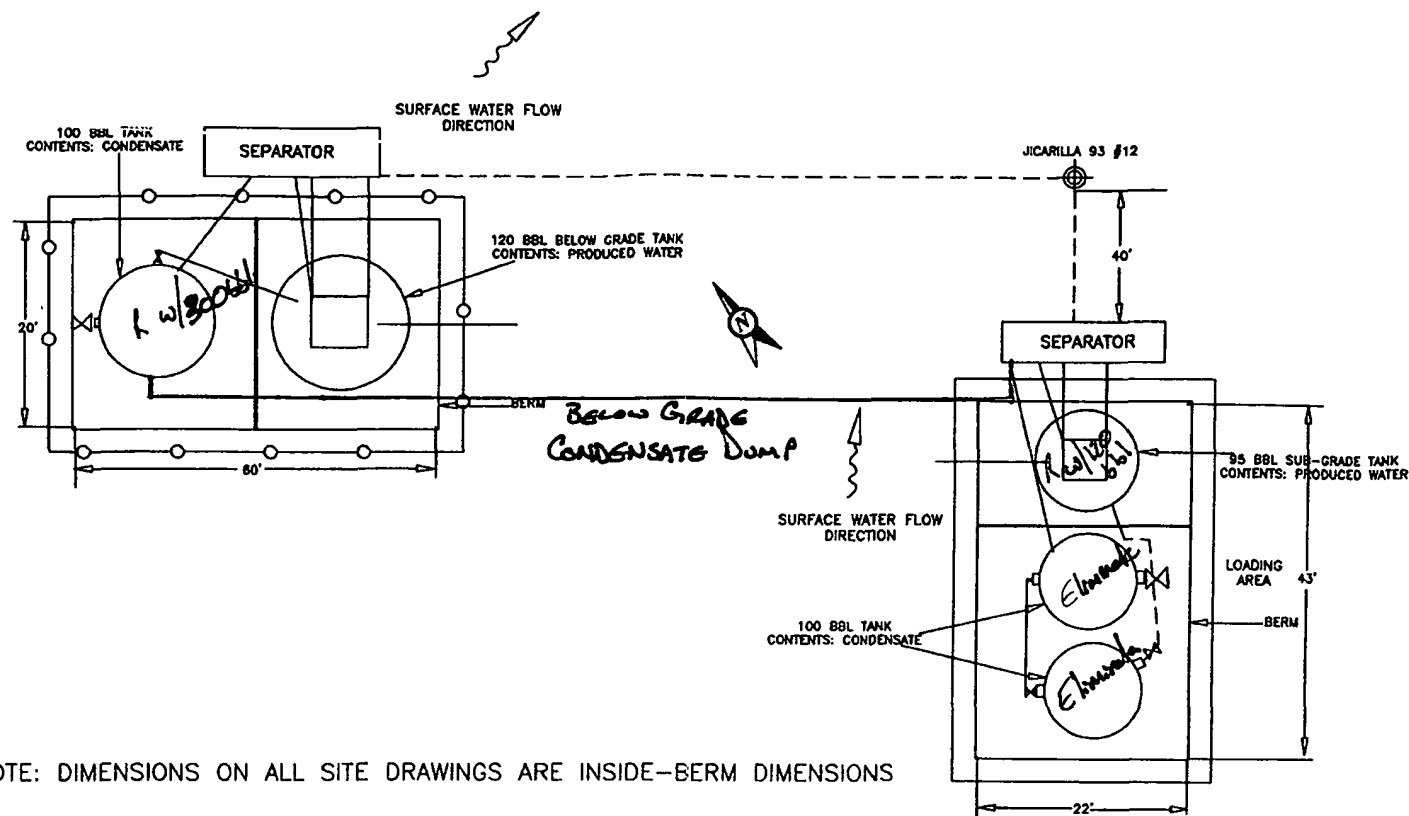
Sincerely,

A handwritten signature in black ink, appearing to read "B. West", with a stylized flourish at the end.

Brennan West
Landman
WPX Energy Production, LLC



The Williams Production Jicarilla 93 #12MV/PC, is located approximately 4.3 miles northeast of Tapicito Creek; which is a tributary of Canyon Largo wash located approximately 20.1 miles to the west, see Vicinity Map. Canyon Largo wash is a tributary of San Juan River located approximately 61.8 miles to the northwest.



NOTE: DIMENSIONS ON ALL SITE DRAWINGS ARE INSIDE-BERM DIMENSIONS

POTENTIAL SPILL PREDICTIONS, VOLUMES, RATES AND CONTROL

Containment Calculation: Williams Production Jicarilla 93 #12PC
ABOVEGROUND STORAGE TANKS

Tank Serial #	Contents	Volume (BBL)	Tank Construction	Tank Dimensions (D x H) (ft)	Shape & Alignment	Containment Structure
G1-7884	Condensate	100	Steel	8 x 15	Round Vertical	Earth berm with liner

BELOW GRADE STORAGE TANKS

Tank Serial #	Contents	Volume (BBL)	Tank Construction	Tank Dimensions (D x H) (ft)	Shape & Alignment	Containment Structure
Below Grade	Produced Water	80	Steel	12 x 4	Round Vertical	Tank is buried

All of the above tankage and lines are inside secondary containment

Secondary Containment Calculations for Diked Storage Areas:

Note: One 100 bbl above ground tank on site
Total Required Volume calculated from one 100 bbl hydrocarbon liquids tank

Tank Battery		Largest Tank Volume (bbl)	
Dike Specifications (ft)		Tank Radius (ft)	100
Length	60	Number of Tanks	4
Width	20		
Height of Berm	0.67		
Base of Tank Area = $3.14(r^2)$			50.3 ft ²

Sufficient Freeboard:

100 yr., 24 Hour Storm Event = 2" (estimate) = 0.1667"
(Source: http://hdsc.nws.noaa.gov/hdsc/pfds/sa/nm_pfds.html)

Displacement from 100 year storm = (berm length x berm width x 0.1667) = 200.04 ft³

Sufficient Secondary Containment:

NMOCD requires secondary containment capacity of 1.33 x volume of largest vessel in lieu of stormwater freeboard.

Factor 1.33 x volume of largest vessel (1.33 x 100 bbl x 5.61 c/bbl) = 746.13 ft³

1) Total Dike Volume Length x Width x Height

60 ft x 20 ft x .67 ft = 804.00 ft³

2) Displacement volume due to tanks = No. of Tanks x Tank Base Area x Berm Height

NOTE: Displacement volume due to tanks = 0 ft³
if only one tank is inside containment, due to hydrostatic equilibrium

0 tank (s) x 50.3 ft² x 1.5 ft = 0.0 ft³

3) Available Dike Volume = (Total Dike Volume) - (Displacement Volume due to tanks)

804.00 ft³ - 0.0 ft³ = 804.00 ft³

4) Required secondary containment 100 bbl x 5.61 c/bbl x 1.33 = cft³
is less than or equal to, the available dike volume. 746.13 ft³

POTENTIAL SPILL PREDICTIONS, VOLUMES, RATES AND CONTROL

Containment Calculation: Williams Production Jicarilla 93 #12MV

ABOVEGROUND STORAGE TANKS

Tank Serial #	Contents	Volume (BBL)	Tank Construction	Tank Dimensions (D x H) (ft)	Shape & Alignment	Containment Structure
G1-7886	Condensate	100	Steel	8 x 15	Round Vertical	Earth berm with gravel overlay
G1-7885	Condensate	100	Steel	8 x 15	Round Vertical	Earth berm with gravel overlay

SUB GRADE STORAGE TANKS

Tank Serial #	Contents	Volume (BBL)	Tank Construction	Tank Dimensions (D x H) (ft)	Shape & Alignment	Containment Structure
Sub Grade	Produced Water	26	Fiberglass	8 x 3	Round Vertical	Earth pit

All of the above tankage and lines are inside secondary containment

Secondary Containment Calculations for Diked Storage Areas:

Note: Two 100 bbl above ground tanks on site
Total Required Volume calculated from one 100 bbl hydrocarbon liquids tank

Tank Battery		Largest Tank Volume (bbl)	
Dike Specifications (ft)		Tank Radius (ft)	100
Length	43	Number of Tanks	2
Width	22		
Height of Berm	1.25		
Base of Tank Area = $3.14(r^2)$			50.3 ft ²

Sufficient Freeboard:

100 yr., 24 Hour Storm Event = 2" (estimate) = 0.1667"
(Source: http://hdsc.nws.noaa.gov/hdsc/pfds/sa/nm_pfds.html)

Displacement from 100 year storm = (berm length x berm width x 0.1667) = 157.70 ft³

Sufficient Secondary Containment:

NMOCD requires secondary containment capacity of 1.33 x volume of largest vessel in lieu of stormwater freeboard.

Factor 1.33 x volume of largest vessel (1.33 x 100 bbl x 5.61 c/bbl) = 746.13 ft³

1) Total Dike Volume Length x Width x Height

43 ft x 22 ft x 1.25 ft = 1,182.50 ft³

2) Displacement volume due to tanks = No. of Tanks x Tank Base Area x Berm Height

NOTE: Displacement volume due to tanks = 0 ft³
if only one tank is inside containment, due to hydrostatic equilibrium

1 tank (s) x 50.3 ft² x 1.25 ft = 62.9 ft³

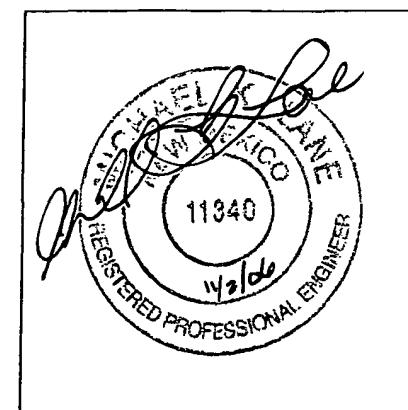
3) Available Dike Volume = (Total Dike Volume) - (Displacement Volume due to tanks)

1,182.50 ft³ - 62.9 ft³ = 1,196.60 ft³

4) Required secondary containment 100 bbl x 5.61 c/bbl x 1.33 = cft³
is less than or equal to, the available dike volume. 746.13 ft³

Certification:

I hereby certify that I, or a person under my direction, have examined the location and, being familiar with the provisions of 40 CFR 112, attest that this drawing, as an attachment to the referenced SPCC Plan, has been prepared in accordance with good engineering practice.



LEGEND			
⊕	WELL HEAD	○	SUB GRADE EQUIPMENT
—	PIPING/EQUIPMENT	---	UNDERGROUND PIPING
□	FENCE	—	BERM

Williams Production Co. LLC
South Conventional SPCC Plan
Jicarilla 93 #12MV/PC
SEC. 34, T-27-N, R-3-W
Rio Arriba County, New Mexico
Latitude: N36 31 56.0 Longitude: 107 08 06.6

SCALE: NTS	FIGURE NO. JICARILLA 93	REV			
PROJECT NO. 5916096	#12MV				
REVISIONS					
NO.	DATE	BY	DESCRIPTION		
MAP DRWN	LL	8/15/2006	BASE DRWN	LL	8/15/2006

612 E MURRAY DRIVE FARMINGTON NM 87401 505-327-1072

I, Lavinia Lamore, personally examined the referenced location on 8/10/06

For Due