

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 17 2017

FORM APPROVED  
OMB No. 1004-0137  
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
Jicarilla Apache Lease 424

6. If Indian, Allottee or Tribe Name  
Jicarilla Apache

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.  
Logos 9

9. API Well No.  
30-043-21157

10. Field and Pool or Exploratory Area  
WC 22N5W5; Gallup (O)

11. Country or Parish, State  
Sandoval, NM

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
WPX Energy Production, LLC

3a. Address  
PO Box 640    Aztec, NM 87410

3b. Phone No. (include area code)  
505-333-1808

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SHL: 1400' FNL & 355' FEL Sec 5 T22N R5W Unit: H

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water ShutOff
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Tubing depth change</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

**OIL CONS. DIV DIST. 3**

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

**7/31/17-** MIRU. Changeover to rod equip. SITP:900# bd to tk. SICP: 1200# bd to tk. RD horse head. CP:700# started bringing back fluid. RU pump to csg, pumped 50bbls down csg & 20bbls down tbg. TOO, w/ 229 3/4" rods, 1 1/2" X 26' polish rod, 3/4" X 6' pony rods, 8 - 1 1/2" sinker bards 2 - 4' X 7/8" guided stabilizer 2- 1/2" X 1 - 3/4" X 12' X 16' RHAC- C HVR pump. SIW SDFN.

**8/1/17-**SITP: 90#, SICP: 700#, bd to tk. RU pumped 90bbls down csg & 30bbls down tbg. Well dead. NUBOP, BOP tested to 1500# to 15mins- Good Test. TOO, w/ 183jts of 2- 7/8" 6.5# J-55, 5 1/2" TAC, SN & 1/2 MS. SDFN

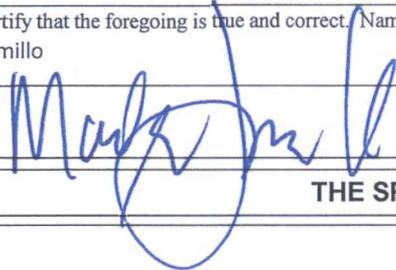
**8/2/17-**SITP: 40#, SICP: 130#, bd to tk. RU pumped 80bbls down csg. TIH, MU hanger landed tbg w/ 188jts of 2 7/8" @ 6139', J-55, 6.5#, purge valve @ 6139' w/ 1- 2 7/8" perforated pup jt, TAC @ 4668', SN @ 6101'. SDFN

**8/3/17-** SITP: 20#, SICP: 100#, bd to tk. Pumped 20bbls prod. Water down tbg. TIH, w/ pump & rods 234 3/4" slick rods, 1 1/2" X 26' polish rod, 3/4" X 8', 6', 4', & 2' pony rods, 8 - 1 1/2" weight bars, 2 - 4' X 7/8" guided stabilizer 2- 1/2" X 1 - 3/4" X 12' X 13' X 16' RHAC pump w/ 1' X 1-3/4" strainer nipple. PSI tubing to 500psi for 15min- Good test. RDMO.

ACCEPTED FOR RECORD

AUG 21 2017

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
Marie E. Jaramillo

Signature: 

Title: Permit Tech

Date: 8/10/17

FARMINGTON FIELD OFFICE  
BY: 

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

(Instructions on page 2)

# Logos 9 API # 30-043-21157



Location	Sec: 5	Twnshp: 22N	Rge: 5W	Spud Date:	10/16/2013	Elevation: 6857' GR
Footage	1400' FNL	355' FEL		Completion:	11/12/2013	County Sandoval
Lat:	36.1693878					KB 14.5'
Long:	-107.3769226					

### Rods

1-1/2" X 26' Polish Rod	26
3/4"X8',6',4'&2' Pony Rods	20
234' 3/4" Slick Rods (Type S88)	5850
8-1-1/12" Wght Bars	200
2-7/8"X4' Guided Stablizers	8
2-1/2"X1-3/4"X12'X13'X16' RHAC pump (wthfrd) w/ 1'X1-2/3" Strainer nipple.	

### Frac

**4986'-5106':**Frac'd w/ 48bbbls of 15% HCl; 4762bbbls of slickwater, 10773# of 100 Mesh; 84160# 40/70 sand.

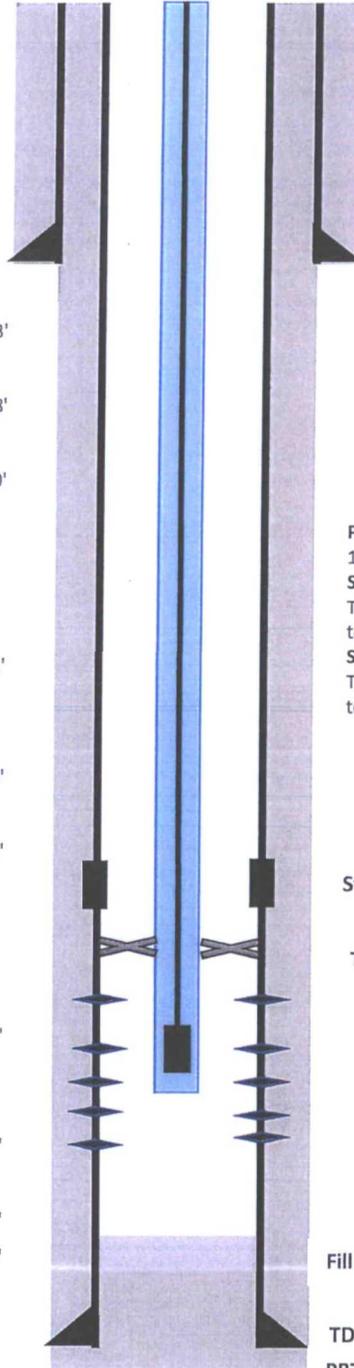
**5208'-5338':**Frac'd w/ 48bbbls of 15% HCl; 4097bbbls of slickwater 70Q N2,10000# 100 Mesh; 128720# 40/70 Ottawa sand.2.0mmscf N2

**5374'-5442':**Frac'd w/ 48bbbls of 15% HCl; 5375bbbls of slickwater 70Q N2,10000# 100 Mesh; 110850# 40/70 Ottawa sand.2.3mmscf N2

**5800'-5937':**Frac'd w/ 68bbbls of 15% HCl; 4390bbbls of slickwater,5000# 100 Mesh; 67967# 40/70 Ottawa sand.

**6034'-6122':**Frac'd w/ 48bbbls of 15% HCl; 1101bbbls of slickwater,9587# 100 Mesh;

Ojo Alamo	1343'
Kirtland	1498'
Pictured Cliffs	1880'
Menefee	3431'
Pt. Lookout	4090'
Mancos	4295'
Gallup	5178'
Greenhorn	6080'
Graneros	6128'
Dakota	6152'



Surface: csg set @ 9-5/8" @ 502', 11js of K-55, 36#.  
Cmt 254sx of Type 3. Circ., 15bbbls of cmt to surface.

TD @ 510'.

Production: csg set @ 5-1/2" @ 6302', 138jts P-110, 17#. Stage Tool @ 4418'  
Stg1:Cmt w/ 145sx Premium Lite HS FM. Tailed w/ 150sx Type III. Circ. 25bbbls of cmt to surface.  
Stg2: Cmt w/ 540sx Premium Lite HS FM, Tailed w/ 50sx Type III. Circ. 30bbbls of cmt to surface.

Stg Tool @ 4418'.

TAC @ 4671'.

4986' -5106'	U. Gallup
5208' -5338'	M. Gallup
5374' -5452'	L. Gallup
5800' -5937'	Sanostee
6034' -6122'	Greenhorn

Fill @ 6164'.

TD @ 6306'.

PBTD @ 6254'.

Tubing:Landed @ 6138' w/188jts of 2- 7/8"tbg 6.5# J-55. TAC @ 4668'.

Tubing	OD	ID	Lngh (ft)	Dpth (ft)
2-7/8" X 1-1/16" Tbg hgr	7-1/16"	2.441"	0.59	15'
143jts 2-7/8",6.5#, J-55 EUE Tbg	2-7/8"	2.441"	4653.25	4668'
Wthfrd 5-1/2" TAC (45shear)	4-7/16"	2.441"	2.73	4671'
44jts 2-7/8",6.5#, J-55 EUE Tbg	2-7/8"	2.441"	1429.33	6100'
SN 2.27	2-7/8"	2.280"	1.10	6102'
2-7/8" perf-pup jt	2-7/8"	2.441"	4.20	6106'
1jts 2-7/8",6.5#, J-55 EUE Tbg	2-7/8"	2.441"	32.57	6138'
Purge Valve	3.6668"	n/a	0.81	6139'