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Ping and Abandon Temporally Abandon Binal Abandonment Notice Convert to Injection Plug Back Water Disposal 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 BLA/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 Abandomment 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.) WPX Energy requests authorization to flare this well due to a temporary emergency situation. In March this well was showing nitrogen content of 86%. WPX was granted authorization for emergency flaring by the BLM. On or about 31/914 the well was shut in so that the Chace #3020-12E #16914 could be defiled. It has been shut in since that time. We expect completion on the #16914 to be completed or about 5/2/14 at which time we would like to put the Chace #1681H back to flare to finish cleaning out nitrogen. Attached is gas analysis report dated 4/9/2014 which shows a nitrogen content of 10.15 percent. It is estimated that gas volumes will be approximately 500 mefd for a week then drop to approximately 200 mefd and we should see pipeline quality gas by 5/19/14. Monoclean	Change Plans Plug and Abandon Temporally Abandon Image: Plans Plug Back Water Disposal 13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate during intervent if the proposal is to deepen directionally or recomplete horizontally, give substricted Decisions 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 BLA//BLA. 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 an exist be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.) WPX Energy requests authorization to flare this well due to a temporary emergency situation. In March this well was showing nitrogen content of 86%. WPX was granted authorization for emergency flaring by the BLM. On or about 3/19/14 the well was shut in so that the Chace #20307-12E #160H couble de filed. It has been shut in since that time. We expect completion on the #169H to be completed or about 5/2/14 at which time we would like to put the Chace #168H back to flare to finish cleaning out nitrogen. Attached is gas analysis report dated 4/9/2014 which shows a nitrogen content of 10.15 percent. It is estimated that gas volumes will be approximately 500 mcfd for a week then drop to approximately 200 mcfd and we should see pipeline quality gas by 5/19/14. MptovAD MptovAD MptovAD MptovAD MptovAD MptovAD	Subsequent Report	Casing Repair	New Construction	Recon	FLARE	GENCY
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 BLMBLA. 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.) WPX Energy requests authorization to flare this well due to a temporary emergency situation. In March this well was showing nitrogen content of 86%. WPX was granted authorization for emergency flaring by the BLM. On or about 3/19/14 the well was shut in so that the Chaco #168/H back to flare to finish cleaning out nitrogen. Attached is gas analysis report dated 4/9/2014 which shows a nitrogen content of 10.15 percent. It is estimated that gas volumes will be approximately 500 mcfd for a week then drop to approximately 200 mcfd and we should see pipeline quality gas by 5/19/14. Mpproved pursuant to Approved pursuant to Approved pursuant to approximately 500 mcfd for a week then drop to approximately 200 mcfd and we should see pipeline quality gas by 5/19/14. Mpproved by The Regulatory Team Lead Is Incredy certify that the foregoing is true and correct. Name (PrintedT)peed) The Regulatory Team Lead <	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/BLA. 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.) WPX Energy requests authorization to flare this well due to a temporary emergency situation. In March this well was showing nitrogen content of 86%. WPX was granted authorization for emergency flaring by the BLM. On or about 3/19/14 the well was shut in so that the Chaco #168H back to flare to finish cleaning out nitrogen. Attached is gas analysis report dated 4/9/2014 which shows a nitrogen content of 10.15 percent. It is estimated that gas volumes will be approximately 500 mcfd for a week then drop to approximately 200 mcfd and we should see pipeline quality gas by 5/19/14. Proved Approved pursuant to NTLeAA, Part III C + T 14. Ihereby certify that the foregoing is true and correct. Name (Printed/Typed) Tatle Regulatory Team Lead Proved Date S/5/14 Approved by Tatle Regulatory Team Lead Approved by Date		Change Plans	Plug and Abandon		orarily <u>REQUEST</u>	
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/BLA. 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.) WPX Energy requests authorization for all pertinent of the operator has determined that the site is ready for final inspection.) WPX Energy requests authorization for emergency flaring by the BLM. On or about 3/19/14 the well was showing nitrogen content of 86%. WPX was granted authorization for emergency flaring by the BLM. On or about 3/19/14 the well was showing nitrogen content of 86%. WPX was granted authorization for emergency flaring by the BLM. On or about 3/19/14 the well was showing nitrogen content of 86%. WPX was granted authorization for emergency flaring by the BLM. On or about 3/19/14 the well was showing nitrogen content of 86%. WPX was granted authorization for emergency flaring by the BLM. On or about 3/19/14 the well was showing nitrogen content of 10.15 percent. It is estimated that gas volumes will be approximately 500 mcfd for a week then drop to approximately 200 mcfd and we should see pipeline quality gas by 5/19/14. Motional of the origonia is true and corfect. Name (PrintedTyped) Heather Riley Kignature Approved by Conditions of ventorial, if they, are attached. Approval of this notice does not warrant or certify that the foregoing is true attached. Approval of this notice does not warrant or certify that the fore portional of the subject flase which would entitt	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 recompleted 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.) WPX Energy requests authorization to flare this well due to a temporary emergency situation. In March this well was showing nitrogen content of 86%. WPX was granted authorization for emergency flaring by the BLM. On or about 3/19/14 the well was shut in so that the Chace #2307-12E #169H could be drilled. It has been shut in since that time. We expect completion on the #169H to be completed or about 5/2/14 at which time we would like to put the Chaco #168H back to flare to finish cleaning out nitrogen. Attached is gas analysis report dated 4/9/2014 which shows a nitrogen content of 10.15 percent. It is estimated that gas volumes will be approximately 500 mcfd for a week then drop to approximately 200 mcfd and we should see pipeline quality gas by 5/19/14. Mptoval Mpt	and the second se					
approximately 500 mcfd for a week then drop to approximately 200 mcfd and we should see pipeline quality gas by 5/19/14. Approved pursuant to Approved by Approve	approximately 500 mcfd for a week then drop to approximately 200 mcfd and we should see pipeline quality gas by 5/19/14. Approved pursuant to Approved by A	all pertinent marke subsequent reports recompletion in a r requirements, inclu WPX Energy request content of 86%. WP Chaco #2307-12E #1	rs and zones. Attach the Bond under must be filed within 30 days follow ew interval, a Form 3160-4 must be ding reclamation, have been comple s authorization to flare this well X was granted authorization for 69H could be drilled. It has bee	which the work will be performed ing completion of the involved ope filed once testing has been completed and the operator has determined due to a temporary emergency emergency flaring by the BLM on shut in since that time. We c	l or provide the E erations. If the op eted. Final Abanded that the site is situation. In M 1. On or about expect completi	Bond No. on file with BLM/BIA. Requestion results in a multiple completi donment Notices must be filed only a ready for final inspection.) March this well was showing nitro 3/19/14 the well was shut in so th ion on the #169H to be completed	uired on or fter all ogen hat the
Arreded Dianae, whichever occurs Instruction NTL4A, Part III + 1 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Title Regulatory Team Lead Heather Riley Date 4/30/2014 Date 4/30/2014 Signature Approved by Approved by Approved by Title Approved by Conditions of opproval, 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	Arreded Arreded Arreded NTL4A, Part III + + 14. Thereby certify that the foregoing is true and correct. Name (Printed/Typed) Title Regulatory Team Lead Heather Riley Title Regulatory Team Lead Signature Date 4/30/2014 THIS SPACE FOR FEDERAL OR STATE OFFICE USE Part 4/30/2014 Approved by Part 4/30/2014 Conditions of pproval, if my, are attached. Approval of this notice does not warrant or certify that the applicant holes legal orequitable title to those rights in the subject lease which would entitle the Date 5/5/14	approximately 500 m	cfd for a week then drop to app	roximately 200 mcfd and we sh	iould see pipeli	ne quality gas by 5/19/14.	
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Heather Riley Title Regulatory Team Lead Signature Date 4/30/2014 Date 4/30/2014 THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved by Pate - Cry. Date Conditions of opproval, 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 Office	Heather Riley Title Regulatory Team Lead Signature Date 4/30/2014 THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved by Heather Algorithm Conditions of opproval, 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 Date 5/5/14	14. I hereby certify that the					1
THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved by Peter - Cy: Conditions of opproval, 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 Date S/S/14	THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved by Part - Cry. Conditions of opproval, 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 Office		$ \dots $	Title	e Regulatory	Team Lead	
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Conditions of opproval, 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 Office	Conditions of opproval, 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 Office		THIS SPACE			USE	
Conditions of upproval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal onequitable title to those rights in the subject lease which would entitle the Office	Conditions of opproval, 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 Office	Approved by	mbolab		Petr. C	M. Date 5/S	14
		the applicant holds legal of	iny, are attached. Approval of this no requitable title to those rights in the s	tice does not warrant or certify that ubject lease which would entitle the	Office		

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NMOCD



2030 Afton Place Farmington, NM 87401 (505) 325-6622

Analysis No: WP140103 Cust No: 85500-11045

Well/Lease Information

Customer Name:	WPX ENERGY PRODUCTION, LLC
Well Name:	CHACO 2307-12E #168H
County/State:	
Location:	
Field:	
Formation:	
Cust. Stn. No.:	

Source:	
Pressure:	48 PSIG
Sample Temp:	DEG. F
Well Flowing:	
Date Sampled:	04/07/2014
Sampled By:	STANLEY DEAN
Foreman/Engr.:	CODY BOYD

Remarks:

		Analysis		
Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	10.151	1.1230	0.00	0.0982
CO2	0.320	0.0550	0.00	0.0049
Methane	55.475	9.4550	560.30	0.3073
Ethane	11.676	3.1390	206.63	0.1212
Propane	11.497	3.1840	289.27	0.1750
Iso-Butane	2.149	0.7070	69.88	0.0431
N-Butane	5.370	1.7020	175.18	0.1078
I-Pentane	1.319	0.4850	52.77	0.0329
N-Pentane	1.114	0.4060	44.66	0.0278
Hexane Plus	0.929	0.4170	48.97	0.0307
Total	100.000	20.6730	1447.67	0.9488

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBLITY FACTOR	(1/Z):	1.0056
BTU/CU.FT (DRY) CORRECTE	D FOR (1/Z):	1459.2
BTU/CU.FT (WET) CORRECTE	D FOR (1/Z):	1433.8
REAL SPECIFIC GRAVITY:		0.9538

DRY BTU @ 14.650:	1451.3
DRY BTU @ 14.696:	1455.8
DRY BTU @ 14.730:	1459.2
DRY BTU @ 15.025:	1488.4

GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.

CYLINDER #:	RE #6
CYLINDER PRESSURE:	24 PSIG
DATE RUN:	4/9/14 7:52 AM
ANALYSIS RUN BY:	PATRICIA KING



CHACO 2307-12E #168H

WPX ENERGY PRODUCTION, LLC

WELL ANALYSIS COMPARISON

Lease: Stn. No.:

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Mtr. No.:

04/09/2014 85500-11045

Smpl Date:	04/07/2014	03/17/2014	03/12/2014	03/09/2014	02/16/2014	02/07/2014	02/17/2014	
Test Date:	04/09/2014	03/19/2014	03/12/2014	03/10/2014	02/16/2014	02/07/2014	02/17/2014 02/18/2014	
Run No:	WP140103	WP140094	WP140093	WP140082	WP140058	WP140053	WP140045	
Nitrogen: CO2:	10.151	22.646	32.710	44.328	7.357	7.930	86.120	
	0.320	0.375	0.368	0.280	0.427	0.433	0.108	
Methane:	55.475	53.493	46.804	37.197	64.164	65.259	6.366	
Ethane:	11.676	9.267	7.778	8.040	10.427	10.525	1.423	
Propane:	11.497	9.305	7.212	6.400	9.863	9.445	2.593	
I-Butane:	2.149	1.107	0.958	0.780	1.416	1.280	0.566	
N-Butane:	5.370	2.496	2.354	1.990	3.435	3.025	1.599	
I-Pentane:	1.319	0.511	0.531	0.372	0.878	0.638	0.418	
N-Pentane:	1.114	0.437	0.474	0.290	0.846	0.554	0.344	
Hexane+:	0.929	0.363	0.810	0.323	1.187	0.912	0.463	
BTU:	1459.2	1119.3	987.9	816.6	1380.3	1328.0	281.1	
GPM:	20.6730	18.3780	17.4940	16.4460	20.0600	19.7210	12.8490	
SPG:	0.9538	0.8695	0.8923	0.9044	0.8749	0.8475	1.0024	
	02/01/2014	01/12/2014	12/30/2013	01/05/2014	12/23/2013	12/04/2013	11/25/2013	
	02/13/2014	01/28/2014	01/28/2014	01/06/2014	12/26/2013	12/05/2013	11/26/2013	
	WP140040	WP140025	WP140024	WP140004	WP130246	WP130229	WP130217	
	7.606	7.959	8.167	8.160	8.588	10.274	9.670	
	0.439	0.432	0.416	0.437	0.431	0.439	0.429	
	65.509	64.648	63.317	65.479	64.642	64.561	65.248	
	10.646	10.697	10.651	10.741	10.889	9.966	10.536	
	9.297	10.101	10.273	9.838	9.885	9.162	9.365	
	1.245	1.420	1.464	1.290	1.298	1.263	1.195	
	2.892	3.290	3.443	2.846	2.864	2.997	2.627	
	0.593	0.585	0.645	0.463	0.491	0.579	0.423	
	0.516	0.473	0.557	0.359	0.392	0.461	0.333	
	1.257	0.395	1.067	0.387	0.520	0.298	0.174	
	1338.6	1321.8	1360.3	1295.4	1301.2	1263.1	1252.9	
	19.7930	19.6950	19.9490	19.5230	19.5710	19.2820	19.2370	
	0.8509	0.8437	0.8705	0.8289	0.8371	0.8309	0.8176	



WPX ENERGY PRODUCTION, LLC

WELL ANALYSIS COMPARISON

Lease: CHACO 2307-12E #168H Stn. No.:

Mtr. No.:

11/18/2013 11/11/2013 11/04/2013 10/24/2013 10/15/2013 09/17/2013 09/09/2013 11/25/2013 11/19/2013 11/11/2013 11/11/2013 10/24/2013 09/20/2013 09/12/2013 WP130212 WP130203 WP130197 WP130196 WP130187 WP130165 WP130172 9.406 9.839 10.235 12.490 12.629 13.111 14.440 0.450 0.419 0.432 0.424 0.417 0.400 0.417 64.699 63.622 65.147 63.972 61.981 61.836 59.334 10.847 10.373 10.458 10.332 10.845 10.169 10.350 9.451 9.903 8.735 8.586 9.244 9.458 9.434 1.192 1.375 1.056 1.005 1.076 1.151 1.265 2.681 3.251 2.441 2.182 2.333 2.944 2.617 0.514 0.535 0.453 0.384 0.418 0.460 0.632 0.433 0.411 0.381 0.320 0.566 0.360 0.376 0.327 0.272 0.662 0.305 0.697 0.224 0.816 1272.6 1286.5 1252.9 1200.2 1237.2 1221.2 1252.8 19.3840 19.4590 19.2310 18.8910 19.1650 19.0440 19.2520 0.8278 0.8409 0.8237 0.8138 0.8389 0.8338 0.8681 09/09/2013 09/03/2013 08/27/2013 08/19/2013 08/12/2013 08/06/2013 08/01/2013 09/12/2013 09/05/2013 08/30/2013 08/20/2013 08/13/2013 08/09/2013 08/09/2013 WP130164 WP130159 WP130154 WP130148 WP130145 WP130141 WP130140 14.729 14.822 16.055 17.210 20.128 23.151 26.283 0.408 0.385 0.375 0.375 0.359 0.362 0.355 60.460 58.036 56.775 56.020 55.636 53.137 45.148 10.225 9.495 9.370 9.365 9.317 8.867 9.002 8.984 10.057 8.999 8.875 8.910 8.128 8.065 1.146 1.339 1.360 1.329 1.159 1.104 1.541 2.624 3.432 3.478 3.384 2.873 2.684 3.883 0.507 0.981 0.974 0.942 0.767 0.681 1.002 0.432 0.973 0.955 0.928 0.743 0.655 0.951 0.470 1.662 1.674 1.585 1.340 1.159 1.415 1297.4 1212.4 1210.7 1307.9 1275.5 1193.3 1143.8 18.9730 19.5770 19.5120 19.3710 18.8190 18.5220 19.0290 0.9681 0.8442 0.9076 0.9139 0.9121 0.8901 0.8906

04/09/2014 85500-11045



WPX ENERGY PRODUCTION, LLC

Lease: CHACO 2307-12E #168H Stn. No.: Mtr. No.: 04/09/2014 85500-11045

07/22/2013 07/23/2013 WP130132
38.911
0.311
39.349
7.098
7.395
1.139
2.934
0.803
0.776
1.284
978.1
17.4360
0.9514