

Form 3160-5 (February 2005)

UNITED STATES DEPARTMENT OF THE INTERIOR

FEB 05 2014

FORM APPROVED

BUREAU OF LAND MANAGEMENT Faithington Field Office

OMB No. 1004-0137 Expires: March 31, 2007

			Bureau	of Land Ma	13. Gegge Serie	al No.		
SUNDRY N	IOTICES AND	REPORTS ON	WELLS		NMSF-078	3360		
Do not use this f	form for propos	sals to drill or	to re-ente	er an	6. If Indian, A	Allottee or Tribe N	√ame .	_
abandoned well. l	Use Form 3160	-3 (APD) for su	ich propo	sals.	,			
SUBM	IT IN TRIPLICATE	- Other instruction	s on page 2.		7. If Unit of C	CA/Agreement, N	ame and/or No.	
1. Type of Well					1			
					8. Well Name	e and No		_
Oil Well	Gas Well	Other				06-20M #208	Н	
2. Name of Operator	, , , , , , , , , , , , , , , , , , ,	, tho	·	·	9. API Well N			_
WPX Energy Production, LLC					30-043-21			
3a. Address		3b. Phone No. (incl	ude area cod	e)		d Pool or Explo	ratory Area	_
PO Box 640 Aztec, NM	87410	505-333-1808		•	Lybrook Ga	-		
4. Location of Well (Footage, Sec	., T.,R.,M., or Survey	Description)			11. Country o			_
Sur: 485' FSL & 155' FWL, sec 2	20, T23N, R6W - BH	L: 430' FSL & 230'	FWL, Sec 19,	T23N, R6W	Sandoval C	County, NM		
12 CHECK	THE APPROPRIAT	E BOX(ES) TO IND	ICATE NATI	TRE OF NOTIC	E REPORT OF	OTHER DATA		_
		E BON(EB) TO ITAL				COTTERDATA		_
TYPE OF SUBMISSION	-		TY	PE OF ACTION	· ·			
Notice of Intent	Acidize	Deepen		Production (St	art/Resume)	Water Shu	t-Off	
Troube of Intent	Alter Casing	Fracture Treat		Reclamation		Well Integ	rity	
<u> </u>	Casing Repair	New Construc	tion	Recomplete		Other Flan	re extension	
Subsequent Report	Change Plans	Plug and Aban	ndon	Temporarily A	bandon	DAIR) FFR 19 14	
Final Abandonment	Convert to					A Liesson	COMS. DIV.	
Notice I	njection	Plug Back	<u>L</u>	Water Disposa			DIST. 3	
13. Describe Proposed or Complet duration thereof. If the proposed all pertinent markers and zone subsequent reports must be fi	sal is to deepen direct es. Attach the Bond u led within 30 days fo	tionally or recomplete inder which the work Ilowing completion o	horizontally, will be perfort the involved	give subsurface med or provide operations. If the	e locations and noting the Bond No. or the operation residue.	neasured and true n file with BLM/I ults in a multiple	e vertical depths of BIA. Required completion or	
recompletion in a new interval requirements, including reclai							ed only after all	
WPX Energy hereby request completed on 12-18-2013, Nas not reached its objective "proposed" 208H pipeline Nin mid April. This line will ultheir pipeline and it should be	WPX since that ti e. In addition the IMNM131510 whi Itimately tie into E	me has been atte ere are no gatheri ich is currently be Beeline for deliver	mpting to one of the second in	clean up the go to this well. sed by BLM F	gas to pipelin The gas fron Realty Depart	e quality stand n this well will tment. This gr	dards and still tie into WPX rant is expected	
Attached is the gas analysis 02/04/2014. At a continued 167,000mcf through the dur	rate of 1,500mcf ation of the exter	f p/day the total e						
14. I hereby certify that the foregoing Name (Printed/Typed)	g is true and correct.	Ì						
Larry Higgins			Title Requ	latory Specialis	st			
	1/	~~		y				_
Signature	/110gg -	-	Date 02/0	5/2014				
	THIS SPA	CE FOR FEDE	RAL OR S	STATE OFF	ICE USE			
Approved by	man landa d		Title	Potr.	<u> </u>	Date 2	110/14	
Conditions of approval, if my, are att or certify that the applicant holds leg lease which would entitle the applica	al or equitable title to t	hose rights in the subje	ant -	1-0-6	7,7			_
Title 18 U.S.C. Section 1001 and Tit	le 43 U.S.C. Section 1	212, make it a crime fo	r any person k	nowingly and wil	llfully to make to	any department or	agency of the	_

Approved pursuant to NTL4A, Part III _C_

NMOCD ~



United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



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

Analysis No: WP140023 Cust No: 85500-11100

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC

Well Name:

CHACO 2306-20M #208H

County/State:

Location:

Field:

Formation:

Cust. Stn. No.:

Source:

N/A

Pressure:

79 PSIG

Sample Temp:

DEG. F

Well Flowing:

Date Sampled:

01/19/2014

Sampled By:

WILLIAM VANHUSS

Foreman/Engr.:

CODY BOYD

Remarks:

Analysis

		ruidiyolo		
Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	9.558	1.0560	0.00	0.0924
CO2	0.301	0.0520	0.00	0.0046
Methane	63.251	10.7670	638.84	0.3503
Ethane	12.528	3.3640	221.71	0.1301
Propane	7.986	2.2090	200.94	0.1216
Iso-Butane	1.090	0.3580	35.45	0.0219
N-Butane	2.582	0.8170	84.23	0.0518
I-Pentane	0.749	0.2750	29.97	0.0187
N-Pentane	0.709	0.2580	28.42	0.0177
Hexane Plus	1.246	0.5580	65.68	0.0412
Total	100.000	19.7140	1305.22	0.8503

^{* @ 14.730} PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

COMPRESSIBLITY FACTOR

REAL SPECIFIC GRAVITY:

(1/Z):

1.0044

1314.0

BTU/CU.FT (WET) CORRECTED FOR (1/Z):

BTU/CU.FT (DRY) CORRECTED FOR (1/Z):

1291.1

0.8537

DRY BTU @ 14.650:

1306.9

CYLINDER #:

GPM, BTU, and SPG calculations as shown

above are based on current GPA factors.

DRY BTU @ 14.696:

1311.0

CYLINDER PRESSURE: 78 PSIG

DRY BTU @ 14.730:

1314.0

DATE RUN:

1/28/14 8:44 AM

DRY BTU @ 15.025:

1340.3

ANALYSIS RUN BY:

PATRICIA KING

^{**@ 14.730} PSIA & 60 DEG. F.



WPX ENERGY PRODUCTION, LLC WELL ANALYSIS COMPARISON

Lease:

CHACO 2306-20M #208H

N/A

01/29/2014

85500-11100

Stn. No.: Mtr. No.:

Smpl Date:	01/19/2014	01/12/2014	01/06/2014	12/30/2013	12/23/2013
Test Date:	01/28/2014	01/14/2014	01/07/2014	12/31/2013	12/26/2013
Run No:	WP140023	WP140016	WP140009	WP130257	WP130245
Nitrogen:	9.558	25.298	11.908	14.050	21.504
CO2:	0.301	0.252	0.291	0.300	0.267
Methane:	63.251	51.467	60.583	59.696	53.660
Ethane:	12.528	10.450	12.305	11.944	10.932
Propane:	7.986	7.062	8.197	7.884	7.572
I-Butane:	1.090	0.983	1.162	1.114	1.078
N-Butane:	2.582	2.352	2.786	2.662	2.570
I-Pentane:	0.749	0.672	0.805	0.753	0.729
N-Pentane:	0.709	0.615	0.755	0.692	0.677
Hexane+:	1.246	0.849	1.208	0.905	1.011
BTU:	1314.0	1093.7	1299.4	1249.3	1161.4
GPM:	19.7140	18.2620	19.6270	19.2900	18.7080
SPG:	0.8537	0.8793	0.8693	0.8601	0.8827

MVCI Energy Services, Inc.7
P.O. Box 2328
Farmington, NM 87499.,
Flowback Supervisor:
Phone: 505-320-2812

AM:	DAVE WILLIAMS (505) 320-4520
°М:	DUSTIN JOHNSON (505) 801-4551

Well: Chaco 2306-20M8208H
Formation: Gallup.
- Start: 12/10/2013.
MVCI Package: F7-100
- Vicather Report

P.O. Box 232 Farmington, Flowback Su	NM 87499., pervisor:		Tony Mareż		erete.										Contacts AM: PM:		DAVE WILL DUSTIN JO	LIAMS (505) HNSON (505)]		Formation:	12/10/2013		
Phone:	٠.		•		•	Emalt:	marezi@yah	00 com.			1.,	. :										Cold/Clear	UDY-BREEZ		Report	
							6 - <u> </u>		Dally Pro	duction Date	with Test E	ulpment														
							low Reading	15							Fluid Reading				Return f	Readings		, ,	Flow Directle	an.	T.	Remarks
time	Choke . Size	Tubing Ps!	- Casing Psi	Separator Psi	· 'Separat Temp	Inject Rate	Inject Temp	,Flowline Temp		MCF Sale/Hr	Atm Accum	. Flow . Rate	Water Weight	Water bbls/hr	Total bbls	Oil bbls/hr	Total Oil	Sand Observed	Salt Observed	Foam - Observed	Paralin Observed	Atm -	Sales	· · Re Circ.		and "
6:00	1	270	640	89	100	N/A	N/A	. 64		N/A	54	1546	_	9	13297	15		NONE				x			06:00-Flowing well th	u test unit. Flaring pas.
7:00	1-	270	640	87.	104 .	N/A	N/A	64		N/A	62	1490	<u> </u>	4	13301	· 19	23507	NONE .			·	X				oss bbis of off. BS&W 0.95.
8:00	1	280	640	88	105	N/A	N/A	65		N/A	64	1528			13301	14		NONE				×			10:38-Cji sale. 200 Gr	oss bbis of oil. BS&W 0.95.
9:00	1 .	. 280.	- 630	.88	_ 107	N/A.	N/A	- 70		N/A	-63	1503	-	1	13302	- 15	- 23536	NONE			<u> </u>	. X ·	<u> </u>	L	 	
10:00	1	260	630	87	103	N/A	N/A	- 58_		N/A	62	1493	-	1	13303	19	23655	NONE		└──	·	×	1	<u> </u>		
. 11:00	-1.	270	630	-85	- 101	N/A -	N/A	63		N/A	63	1522	<u> </u>	<u> </u>	13303	14	23669	NONE			└	х		ļ	<u> </u>	<u> </u>
12:00	-1	270	630	87	98	N/A	N/A	66		N/A_	63			3		15	23684	NONE			-	Х				
13:00	1 1	- 270 280	630	86 .	96.	- N/A -	N/A	: 62		N/A	A 61	- 1468 1542	A4	0	13306	24		NONE			ļ	. X.	ļ	<u> </u>		<u> </u>
14:00	1	280	630	88	103	N/A	N/A	63		N/A	53	1542	-		13307	17	23717	NONE			_	x				
16:00	4	260	630	89	101	N/A	N/A	63		N/A	62	1488			13310	17		NONE	-	<u> </u>		- X		-		
17:00		280	630	88	100	N/A	N/A -	60		N/A	63	. 1501			13311	-17		NONE				×				
- 18:00	1	280 280	630	88	105	N/A	N/A	46		N/A	63	1511	 		13311	18	23786	NONE	<u> </u>			-			17:00-Flow back well	nto seperator.
19:00	-1	280	-630 . A	. 89	105	. N/A	- N/A	49		N/A	61				13311	10	23799	NONE -	_		_	- * -		_		
20:00	1	280	630	90	105	N/A	N/A	51		N/A	63			- 0	13311	17		NONE	-					-		
21:00	î	290	620	90	109	. N/A	N/A	58	-	. N/A	. 51	1462		4	13915	. 18	23834	NONE				Ŷ				
22:00	1	270	630	88	110	N/A	N/A	60		N/A	63	1510		- 0	13315	14	23846	NONE			<u> </u>	- x				
23:00	1 -	- 270	630	. 89	109	- N/A	N/A	- 59		- N/A	64	1535		0	13315	20	23868	NONE -				· ×	$\overline{}$	1	T	
0:00	1	270	630	88	108	N/A	N/A	58		N/A	62	1495		_,	13315	14	23882	NONE				×			00:00 Flow back well	nto seperator.
1:00	1	270 -	-630	- 89	105	. N/A .	. N/A	. S1 -		- N/A		- 1511		~_ 0	13315	15		NONE -				Х				
2:00	1	270	530	90	105	. N/A	N/A	49		N/A	62			0	13315	24		MONE				x				
3:00	1	280	630	89	105	N/A	N/A -	47-	<u> </u>	N/A .	. 63		<u> </u>	2	13317	14		NONE				X				
4:00		280	630	90	105	N/A	N/A	53		N/A_	62	1493	 	0	13317	19	23954	NONE				X				
5:00	1	_ 280	630	_ 90 _	. 105	. N/A .	N/A	50		. N/A	63	1521			13324	10	23964	NONE .				Χ.	<u> </u>		05:00 Flow back well	nto seperator.
		Od Gravey		Coper out ON		Accum MCF Sale	Accum- MCF Sale	Previous Oil	24 Hr. Oil -	Accum. Oil 23964	Accum MCF Buy	24 Hr. MCF Buy	24 Hz. MCF Sale	Accum MCF ATM . 97302	24 Hr. MCF ATM -	Total Load Pumped 20657	24 Hr. Load Pumped	Total Previous Water 13288	24-hour Water	Total Accum. Water 13324	Load to Recover	ATM Flow Hrs.	Sales Flow Hrs.	Recirc Flow Hrs.].	

Total Water	Water Pumped .	Water to *	Total MCF	Chake Size	Casing PSI	Tubing PSI	Separat Temp	- Flow Rate
13324 -	0	7333 -	N/A	1	. 630	280	105	1521
				Cally Average				
N/A	N/A	- N/A -	N/A	_1.	631	275	. 104	1504
			. 7	est Calculation	ns			
Ory Fuel :	HZO Disolece	Actual Gas CF/hr	Dump . Stowby	Oump Sleed	Plug Dump	Booster Purpe	Sand Purges	Line Heate
- NREFI	BREFL	- #REFJ	MREFI	AREFI	0	0	0 .	_ MREFI

			Equipment I	nours and fue	l consumption				
Equi	pment		Start Hrs.	End Hrs.	Dally Hrs.	Total Hrs.	Galtons - Per/Hr	Gallons Per/Day	Gallons Accum.
Booster	Γ				. 0	_ 0	11	0	٥.
Mist Pump .					0	0	0.4	0	0
Trash Pump					0	0	0.3 -	0	. 0
tight Tower # 1					0	0	0.625	0	0
Light Tower # 2		1			. 0	٥	0.42		
tine Heater.					0			0	0
					0	_ 0		٥	0
	L				0	0			0

1	otal flow frou	rs					
ATM Flow Rrs.	Sales Flor Hrs.	Recent Plans Hrs.	Effug - Ovmp	# Boost Purge	# Sand Purges		
- 24	0	0					_
Start Date	12/10	/2013					
End Date	12/10	/2013					
21.2			e'			٠.	

Morning Report				Evening Rep	ort			
				Recovery for	Today:	2/4/2014		
24 Hr. Fluid Recovery:	2/4/2014			Water Recov	ered:	36	Bbfs.	
Water Recovered:	36	Bbls.		Oil Emulsion	Recovered	391	Bbis.	
Oil Emulsion Recovered	391	Bbls.		Total Fluid R	ecovered;	427	Bbls.	
Total Fluid Recovery:	427	Bibls.		Total Accum	Fluid:	37,288	Bbls,	
Chake Size:	1	-		24 Hr. Fluid	Recovery:	2/3/2014		
Casing Pressure:	630			Water Recov			Bbls.	
Tubing Pressure:	280	PSI		Oil Emulsion			Bbis.	
Separator Pressure:	90	PSI		Total Fluid R	ecovery:	422	Bbis.	
Separator Temp:	105	*F						
Injection Rate:	N/A	MCF/D		Choke Size:		1	•	
Injection Temp.	N/A	*F		Casing Press	ure:	630	PSI	
Avg. Injection Rate:	NDIV/01	MCF/D		Tubing Press	ure:	280		
Flow Rate:	1,521	MCF/D		Separator Pr	essure;	89	PS1	
Rowline Temp:	50	*F		Separator Te		105	*F	
Todays Accum. MCF:	1,504	MCF		Injection Rat	e;	N/A	MCF/D	
Total Accum. MCF:	97,302	MCF/D		Injection Ter	mp.	N/A	*F	
Today's MCF Sale		MCF		Avg. Injectio	n Rate:	#DIV/OI	MCF/D	
Total Accum. MCF Sale	0	MCF		Flow Rate:		1,501	MCF/D	
Fluid Avg. 8ph:		Bbis.		Flowline Ter		60	*F	
Total Load Pumped:	20,657	Bbis.		Todays Accu		1,504	MCF	
Total Load to Recover	7,333	Bbls.		Total Accum	. MCF:	97,302	MCF/D	
Water Accum. Last Hr.		Bbis.		Today's MCF		0	MCF	
Total Water Accum.:	13,324			Total Accum		0	MCF	
Water Avg. 8ph:		Bbis.		Fluid Avg. 8		18	Bbls.	
Off Accum, Last Hr.:		Bb/s.		Total Load P		20,657		
Total Oil Accum.:	23,964			Total Load to		7,333		
Oil Avg. Bph:	15	Bbls.		Water Accur		1	Bbis.	
Sand Present:	NONE			Total Water		13,324		
				Water Avg. 6			Bbls.	
Total Oil Sold Today;		Bbis.					Bbis.	
Total Accum Oil Sold:	22556.8		RS&W	Total Oil Acc		23,964		
Time Gross bbis		Temp F*		Sand Presen		NONE 16	Bbis.	
9:55 175	41	40	0.95	Sand Presen	K:	NONE		
10:38 200	41		0.95					
0:00 0	0	0	0.00	Total Oil Sol			Bbis.	
0:00 0	0	0				22556.8		
0:00 0	0	0	0.00	Time	Gross bbls		Temp F*	BS&W
0:00 0	0	0	0.00	9:55	175	41	40	0.95
0:00 0	0	0	0.00	10;38	200	41	40	0.95
0:00 0	0	0	0.00	0:00	0	0	0	0.00
0:00 0	0	0	0.00	0:00	0	0	0	0.00
0:00 0	. 0	0_	0.00	0.00			0	0.00
				0:00	0	0	0	0.00
				0:00	0	0	0	0.00
				0:00	0	a	0	0.00
				0:00	0	0	0	0.0

					Oli	Sales				
,	line .	.Gross bbis.	Gravity	Temp F	BS&W	Seal Off It.	Seal On # .	Oil Sold Today	Total Previous Oil Sold	Total Accum. C
	9:55	175	40.8	40	0.95	164210	164012			
.:	10:38	200	40.8	40	0.95	164012	163748		1	
		<u> </u>							1	
									Į į	
<u> </u>		1							1	l
ட					<u> </u>				1	
_										
٠									1	
									1	
								375	22181.8	22556.B



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Farmington District Office 6251 College Blvd., Suite A Farmington, New Mexico 87402 www.blm.gov/nm



In Reply Refer To:

Conditions of Approval:

Chaco 2306-20M #208H Unit M, Section 20-23N-6W Lease No. NMSF078360

- Flaring is authorized pursuant to NTL 4A Part III C and IV B. As such, no royalty obligation will be incurred during the evaluation, clean-up and pipeline pending period. The flared volumes must be reported on your Oil and Gas Operations Reports (OGORs) during the flaring period.
- Flaring will be authorized until May 1, 2014 or until 30 days after approval of the associated ROW, whichever occurs first. If additional time is required, please contact this office accordingly.
- Please take appropriate and necessary safety precautions at this well site during the flaring period.