

Form 3160-4 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0137

BUREAU OF LAND MANAGEMENT													Expires: July 31, 2010				
WELL COM ELTION ON NECOM ELTION NEI ON AND ECO													5. Lease Serial No. STATE				
1a. Type o	of Well	Oil Well		Well  Wor	☐ Dr k Ovei		Other Deepen	☐ Plu	g Back	Diff. I	Resvr.		Indian, All		r Tribe Name JO		
		Othe	er					_		_		7. U	nit or CA A	Agreem 481X	ent Name and No.		
2. Name of	of Operator PER RESRC	EXPLRN	COLLC F	-Mail: a		Contact: A							ease Name				
	s 3333 LEE	PKWAY	, SUITE 210				3a.	Phone N	lo. (include	e area code	)		PI Well No				
4. Locatio	DALLAS, on of Well (Re	port locati	on clearly an	d in acc	ordanc	e with Fe		uirements				10. I	Field and Pe		45-35637-00-S1 Exploratory		
At surf	Sec 16	5 T24N R	10W Mer N SL 288FWL	MP								l P	NU NONI	IT HZ			
At top	prod interval	reported be	elow SWS	SW 042	N R10 5FSL	W Mer N 0085FW	IMP L								Block and Survey 24N R10W Mer NMI		
Sec 28 T24N R10W Mer NMP At total depth SESE 1277FNL 350FEL													12. County or Parish SAN JUAN 13. State NM				
14. Date S 05/09/				ate T.D. /30/201		ed		16. Date Completed ☐ D & A ☐ Ready to Prod. 08/16/2017					17. Elevations (DF, KB, RT, GL)* 6746 KB				
18. Total	Depth:	MD TVD	13729 4994	9	19. P	lug Back	T.D.:	MD TVD	13	659	20. Dej	pth Bridge Plug Set: MD TVD					
21. Type I	Electric & Oth CTION TRIPI	er Mechai LECOMB	nical Logs R O INDUCTI	un (Subr ONTRI	nit cop PLE	y of each	)	a disc		Was	well core DST run? ctional Su	)	☑ No	☐ Yes	s (Submit analysis) s (Submit analysis) s (Submit analysis)		
23. Casing a	and Liner Rec	ord (Repo	rt all strings			D. c.	Ic.	G .	L	CC1 0	T	37.1					
Hole Size	Size/G	Size/Grade W		ft.) Top (MD)		Bottom (MD)	_	Cementer Depth		of Sks. & of Cement	Slurry (BB	( ement		Top*	Amount Pulled		
12.25		625 J-55	36.0		0	32	_	330		10			0				
12.25 8.75		625 J-55 000 J-55	36.0 23.0		0	32 547		5480		72:	_			0			
6.12		4.500 P-110		1.6 523		13704		13729	_	770			5234				
6.12	5 4.50	00 P-110	11.6	5	274	1370	4	13729	9	77	0			5234			
24. Tubin	g Record														l		
Size			acker Depth	er Depth (MD)			oth Set (N	-	Packer De	acker Depth (MD)		Depth Set (MD)			Packer Depth (MD)		
2.875 25. Produc	cing Intervals	5531		4495	2.8		6. Perfora	5531 ation Rec	ord	4848	2.87	5	5	530	5207		
	Formation		Тор		Botte	om	P	Perforated	Interval		Size	1	No. Holes		Perf. Status		
A)		MANCOS		4550		5073				O 4888					OPEN		
B)	GA	LLUP		5073	1	3610				O 4888			24 OPE1 888 OPE1				
<u>C)</u> D)				$\overline{}$						073 TO 13610 0.3 563 TO 13393 0.3			888				
	Fracture, Treat	ment, Cen	nent Squeeze	, Etc.					000010	7 10000	0.0	301	000	TOI L	11		
	Depth Interva	al						А	mount and	d Type of N	Material						
		880 TO 48				UNDRY D											
		880 TO 48	393 SEE CC			UNDRY D											
		3 TO 133				TIONS S			6/17.								
28. Produc	ction - Interval																
Date First Produced 08/27/2017	Test Date 08/27/2017	Hours Tested 24	Test Production	Oil BBL 238.0	Ga M		Water BBL 586.0	Corr.	API 36.0	Gas Gravit	y 0.94	Product	ion Method	GAS L	IET		
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Ga		Water	Gas:C		Well S		L		GASL			
Size 128		Press. 647.0	Rate	BBL 238		CF 740	BBL 586	Ratio			POW	the State of the second	NMOC	0	LAS HALIBE BUT BUT SHEET AND THE ST		
1000000	iction - Interva			200		1,10	500		0100		311						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL		CF	Water BBL	Corr.	ravity API	Gas Gravit	у	Product	ion Method	20			
08/27/2017 Choke	7 02/01/2018 Tbg. Press.	Csg.	24 Hr.	238.0 Oil	Ga	302.0	586.0 Water	Gas:C	Dil	Well S	Status	110	TRIC	GAS L	.1-1		
Size		Press.	Rate	BBL		CF	BBL	Ratio		1,011		UIU	5 15 1 W	g 3	11		

238

694.0

SI

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #433122 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

POW

586



302

28b. Production - Interval C  Date First Produced Date Date Date Date Date Date Production Date Production Date Production Date Production Date Date Production Date Date Date Date Date Date Date Date	
Produced O8/27/2017 O8/27/2017 24 Description of Gas/Sold, used for fuel, vented, etc.)  Produced O8/27/2017 O8/27/2017 24 Description of Gas/Sold, used for fuel, vented, etc.)  Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Case State Production Sea. O.94 GAS LIFT Gravity O.95 O.94 GAS LIFT Gravity O.95 O.95 O.94 GAS LIFT Gravity O.95 O.95 O.95 O.95 O.95 O.95 O.95 O.95	
O8/27/2017 08/27/2017 24	
Size Flvg. 169 Press. SI 647.0 Rate BBL 238 740 586 3109 POW  28c. Production - Interval D  Date First Produced O8/27/2017 02/01/2018 24	
Size Flwg. 169 Press. 647.0 Rate 238 740 586 3109 POW  28c. Production - Interval D  Date First Produced Date Hours Tested Production 238.0 302.0 586.0 Gravity Corr. API  Choke Tbg. Press. Flwg. 106 Press. Size Flwg. 106 Press. 694.0 Press. 694.0 Power Size Size Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Rate BBL MCF BBL Gravity Corr. API  Gas Gravity Production Method Gravity Corr. API  Gas Gravity Gra	
28c. Production - Interval D  Date First Produced   Date   Test Date   D	
Date First Produced Date Date Production Date Production Date Date Date Date Date Date Date Date	
Produced 08/27/2017 02/01/2018 24 Production 238.0 302.0 586.0 Corr. API Gravity GAS LIFT Choke Size Tbg. Press. Flwg. 106 694.0 238 302 586 Water BBL Ratio POW  29. Disposition of Gas(Sold, used for fuel, vented, etc.) CAPTURED  30. Summary of Porous Zones (Include Aquifers):  Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.	
O8/27/2017 02/01/2018 24 238.0 302.0 586.0 GAS LIFT  Choke Size Tbg. Press. Flwg. 106 694.0 Press. 694.0 238 302 586 Water BBL Ratio POW  29. Disposition of Gas(Sold, used for fuel, vented, etc.)  CAPTURED  30. Summary of Porous Zones (Include Aquifers):  Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.	
Choke Size Tbg. Press. Flwg. 106 G94.0 24 Hr. Rate BBL 238 302 586 Ratio POW  29. Disposition of Gas(Sold, used for fuel, vented, etc.)  CAPTURED  30. Summary of Porous Zones (Include Aquifers):  Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.	
29. Disposition of Gas(Sold, used for fuel, vented, etc.) CAPTURED  30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.	
29. Disposition of Gas(Sold, used for fuel, vented, etc.)  CAPTURED  30. Summary of Porous Zones (Include Aquifers):  Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.	
30. Summary of Porous Zones (Include Aquifers):  Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  31. Formation (Log) Markers	
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.	
tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.	
Formation Top Bottom Descriptions, Contents, etc. Name	
	Top Meas. Depth
NACIMIENTO 0 487 NACIMIENTO	0
OJO ALAMO   487   632     OJO ALAMO	487
KIRTLAND 632 1074 KIRTLAND KIRTLAND FRUITLAND FRUITLAND	632 1074
PICTURED CLIFFS 1322 1466 PICTURED CLIFFS	1322
LEWIS SHALE   1466   2020   LEWIS SHALE   MENEFEE   2807   3776   CLIFFHOUSE	1466 2020
POINT LOOKOUT 3776 3944 MENEFEE	2807
POINT LOOKOUT	3776
	1
32. Additional remarks (include plugging procedure): 51, 52. CONTINUED	
MANCOS 3844' - 4904'	
TOCITO 4904' - 4976' GALLUP 4976' - 5336'	
JUANA LOPEZ 5336'	
	:
33. Circle enclosed attachments:	
	ional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:	
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instruc	tions):
Electronic Submission #433122 Verified by the BLM Well Information System.	
For JUNIPER RESRC EXPLRN CO LLC, sent to the Farmington	
Committed to AFMSS for processing by JACK SAVAGE on 08/30/2018 (18JWS0149SE)	
Name (please print) JUSTIN DAVIS  Title VP OPERATIONS	
Signature (Electronic Submission) Date 08/29/2018	
Signature (Electronic Submission) Date 08/29/2018	

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 fradulent statements or representations as to any matter within its jurisdiction.

### Additional data for transaction #433122 that would not fit on the form

#### 26. Perforation Record, continued

Perf Interval 5563 TO 13393

**Size** 0.350

No. Holes 888

Perf Status OPEN

27. Acid, Fracture, Treatment, Cement Squeeze, etc., continued

Depth Interval 5563 TO 13610

Amount and Type of Material
SEE COMPLETIONS SUNDRY DATED 9/6/2017

Form 3160-4 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

	DALLAS, TX 75219  Ph: 214-443-0001  30-045-35637-00-S1  10. Field and Pool, or Exploratory PINON UNIT HZ  11. Sec., T., R., M., or Block and Survey or Area Sec 16 T24N R10W Mer NMP  Sec 28 T24N R10W Mer NMP  It total depth SESE 1277FNL 350FEL  Date Spudded  15. Date T.D. Reached  Ph: 214-443-0001  30-045-35637-00-S1  10. Field and Pool, or Exploratory PINON UNIT HZ  11. Sec., T., R., M., or Block and Survey or Area Sec 16 T24N R10W Mer NMI  12. County or Parish SAN JUAN  NM  14. Elevations (DF, KB, RT, GL)*																		
1a. Type of	f Well	Oil Well	□ Gas	Well	□ Dry	/ n	Other									ottee or	Tribe Name		
	_		_			_			Plug	Back	☐ Diff	. Resv	r.	E	ASTERN N	NAVA	JO		
		Oth	er														ent Name and No.		
2. Name of JUNIPE	Operator ER RESRC	EXPLRN	CO LLC E	-Mail: aı									8						
3. Address	3333 LEE	PKWAY	, SUITE 21				3a.	Phon	ne No	. (include	area co	de)	9	e. AF	PI Well No.		5-35637-00-S1		
4. Location	of Well (Re	port locat	ion clearly ar	nd in acco	ordance	with Fe	deral rec	quirem	ents)	)*							Exploratory		
At surfa			SL 288FWL		U D401	A/ Mor N	UMD						-				Block and Survey		
At top p	orod interval i	reported b	elow SW	SW 042										or	Area Sec	16 T2	24N R10W Mer NM		
Sec 28 T24N R10W Mer NMP At total depth SESE 1277FNL 350FEL														arish					
05/17/2017											17. E			3, RT, GL)*					
18. Total D	epth:	MD TVD	13729 4994	9	19. Pl	ug Back	T.D.:	MI TV				20	). Depth	Brid	lge Plug Se	t: ]	MD FVD		
21. Type E	lectric & Oth	er Mecha	nical Logs R	un (Subn	nit cop	y of each	1)						cored?				(Submit analysis)		
INDUC	TION TRIPL	LECOIVIE									Di	rection	Γrun? nal Surv	ey?	No [		(Submit analysis) (Submit analysis)		
23. Casing ar	nd Liner Reco	ord (Repo	ort all strings			D	I.a.			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	6.61 0	T.	71 71						
Hole Size	Hole Size Size/Grade V		Wt. (#/ft.)	Top (MD				Ceme Depth			f Sks. & of Cemen				Cement Top*		Amount Pulled		
12.250			_	322			330	<del>                                     </del>		_			0						
	8.750 7.000 J-55 23.0 6.125 4.500 P-110 11.6 5				0			5480 13729			725		$\dashv$						
6.125	11.6 11.6		5234 13 5274 13				3729			770 770		$\dashv$							
0.720	1.00	0 P-110	11.0			1010		10	120							0201			
24 77 1																			
24. Tubing Size	Depth Set (N	(D)   P	acker Depth	(MD) I	Size	Do	pth Set (	MD)	Тр	acker Dep	ath (MD)		Size	Dar	ath Sat (MI	<u>,, T</u>	Packer Depth (MD)		
2.875		5531	аскет Бериг	4848	2.87		pui set (	5530	_	acker Dej	520		Size	Dej	our set (ML	,	racker Deput (WD)		
25. Producii	ng Intervals					2	6. Perfor	ation l	Reco	rd							(1)		
1993	ormation		Тор	_					forated Interval				Size			Perf. Status			
<u>A)</u>		ICOS		4550		5073			4880 TO 488										
B)	GA	LLUP		5073			5336			5563 TO 13393 5563 TO 13393			0.350				0 0 5234 5234 5234 5234		
D)				$\neg$		$\neg$				3303 10	10090	-	0.550	+	000	OF LI	<b>V</b>		
27. Acid, Fr	racture, Treat	ment, Cer	ment Squeeze	e, Etc.															
	Depth Interva								_	nount and	Type of	Mate	rial	Approx	and on the se		7.000		
			888 SEE CC													NMO	CD		
			393 SEE CO						D 9/6	3/17						0	0 0010		
	330	3 10 13	J9J I LEAGE	OLL OC	JIVII EE	110110	ONDIN	DATE	0/0	111.					- 30	- 1	4 (4118)		
28. Producti	ion - Interval	A													DIAT	010			
Date First Produced	Test Date	Hours Tested	Test	Oil			Water						Pr	oductio	on Method	116	1 111		
01/20/2018							36.0		0	0.94				GAS L	IFT				
Choke	Tbg. Press.	Csg.	24 Hr.	Oil			Water					Well Status							
Size Flwg. 169 Press. 128 SI 647.0			238		740				3109	POW		/							
28a. Produc	tion - Interva	l B																	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL			Water BBL						Pr	oductio	on Method				
01/20/2018	02/01/2018	24							Con. Art Gravity					GAS LIFT					
Choke Size	Tbg. Press.	Csg.	24 Hr. Rate	Oil BBI			Water			il	We	ll Status							
	Test																		

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #412374 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BL \*\* REVISED \*\*

28b. Proc	duction - Inter	val C												
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Grav	ity	Production Method				
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas:Oil	Wall	Status					
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio	Well	Status					
28c. Proc	duction - Inter	val D												
Date First Produced	Test Date					Water BBL	Oil Gravity Corr. API	Gas Grav	ity	Production Method				
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	Status					
29. Dispo	osition of Gas TURED	(Sold, used	d for fuel, ven	ted, etc.)										
		s Zones (I	nclude Aquife	ers):					31. For	mation (Log) Markers				
tests,						l intervals and a n, flowing and	all drill-stem shut-in pressure	es						
	Formation		Тор	Bottom		Description	ns, Contents, etc	÷.		Name	-	Top Meas. Depth		
LEWIS SI	MO D ND ED CLIFFS HALE E	s (include	0 487 632 1074 1322 1466 2807	487 632 1074 1322 1466 2020 3776					OJ KIF FR PIC LE' CL	CIMIENTO O ALAMO RTLAND UITLAND CTURED CLIFFS WIS SHALE IFFHOUSE NEFEE		0 487 632 1074 1322 1466 2020 2807		
	e enclosed att		as (1 full sat r	agid )		2 Gaalagia	Danast	2	DCT Do	nort 4.1	Directions	1 Cuerou		
			gs (1 full set range and cement			<ol> <li>Geologic</li> <li>Core Ana</li> </ol>	-		Other:	рон 4. 1	Directiona	i survey		
34. I here	eby certify that	t the foreg				-				e records (see attached in	nstructions	s):		
				For JUNIE	ER RESI	RC EXPLRN	by the BLM V CO LLC, sent CK SAVAGE of	to the Far	mington					
Name	e (please print	) JUSTIN			P- 30			P OPER						
Signa	nture	(Electro	nic Submiss	ion)	10-10-10-10-10-10-10-10-10-10-10-10-10-1		Date 0	Date 04/19/2018						
										to make to any departm				

## Vermersch, Amy H, EMNRD

To: Subject: Amanda Palmer RE: Pinon Unit #305H

From: Amanda Palmer < Amanda. Palmer@jnpresources.com >

Sent: Monday, September 17, 2018 8:27 AM

To: Vermersch, Amy H, EMNRD < AmyH. Vermersch@state.nm.us>

Subject: RE: Pinon Unit #305H

Hi Amy,

Attached is the updated version of the 3160-4 for the 305H where the corrections were made. After the corrections were made & I received an approved copy, I noticed there was still some incorrect data on the form i.e. BHL is still incorrect, casing strings listed twice, perf intervals listed twice. After speaking with Jack Savage at the BLM, it seems that the AFMSS system auto-populates the data and he is unable to delete or change. On the attached you will see corrected perforation depth to 13,610', and formation tops in the additional remarks section. I will continue to try to find a solution with Jack to correct the issues.

Thanks, Amanda Palmer

#### **Amanda Palmer**

Petroleum Engineer



Direct: 469.729.8183 Cell: 512.626.1026

3333 Lee Parkway | Suite 210 | Dallas, TX 75219

Amanda.Palmer@jnpresources.com

www.jnpresources.com

From: Justin Davis

Sent: Monday, September 17, 2018 9:01 AM

To: Amanda Palmer < Amanda. Palmer@jnpresources.com>

Subject: FW: Pinon Unit #305H

#### **Justin Davis**

Juniper Resources, LLC.

From: Vermersch, Amy H, EMNRD < AmyH. Vermersch@state.nm.us>

**Sent:** Monday, September 17, 2018 8:48 AM **To:** Justin Davis < <u>Justin.Davis@jnpresources.com</u>>

Subject: Pinon Unit #305H

Justin,

Please review the attached forms and make the necessary corrections. Verify bottom perforation and BHL on C-104 and completion report. Also perforation tops on the  $2^{nd}$  page of the completion report need to be listed to TD of the wellbore.

# Thanks,

AV

# Amy H. Vermersch

Data Compliance Manager OCD District III 1000 Rio Brazos Rd Aztec, NM 87410 505-334-6178 Ext 113 amyh.vermersch@state.nm.us

# AZTECSTRONG

