Form 3160-4	
(March 2012)	

RE	C		V	E	D

(March 2012	· .			UN	ITED STAT	ΈS			1215							
Ę	?		DEP		NT OF THE		ERIOR									APPROVED . 1004-0137
•			BUR	EAU OF	LAND MA	NAGI	EMENT	ſ		TT	21	2013				tober 31, 2014
	18/							OT A			~ 1	2010	5 1	ase Seri	ial No	
	VVI		WPLEIN		RECOMPLE		I REPU		South South	.0G ninata	n Fi	ield Of			ntract 110	
la. Type of V	Vall	Oil V	Vell 7	Gas Well	Dry	Other	*	BI	Ireall	of i a	mai	Vianag	0 % C		Allottee or T	ribo Nome
b. Type of C			Well	Work Over	Deepen			Diff.	Resvr.,	0.20			Jica	rilla Ap	ache Tribe	noe name
	•	Othe			•							e .	7. U	nit or CA	A Agreement	Name and No.
2. Name of C	Operator						_						8 L	ease Nar	rt To I ne and Well	No No
EnerVest C	Dperating,												Jica	rilla A #	47M	
3. Address	1001 Fannin Houston, TX	St., Suite 80	0					hone N -659-3	lo. <i>(inclı</i> 3500	ude arec	a code)		PI Well	No. 174 – DØØ	5.4
			on clearly a	nd in accord	lance with Fede	ral requ									i Pool or Exp	
		•	-										Bas	in Dako	ota	
At surface	1268' FS	SL & 1658	3' FWL (UL	N), Sec.	17 T26N R05	N							11. 8	Sec., T.,	R., M., on B	lock and
														Jul vey 0	Sec. 1	17 T26N R05W
At top prov	d. interval r	eported be	ow												or Parish	13. State
At total de	" _{th} 1258'	FSL & 10	653' FWL (UL N), Se	c. 17 T26N R	05W							Rio	Arriba		NM
14. Date Spu	pui			T.D. Reache			16. Date	e Comr	oleted 1	0/02/20	013		17. 1	Elevatio	ns (DF, RKI	 3, RT, GL)*
05/12/2013	3		05/18/2	013					R	leady to	Prod.		667	6' GL		
18. Total De	•	7740' 7739'		19. Pl	ug Back T.D.:	MD TVD 7				20. Dej	pth Br	ridge Plug		MD TVD		
21. Type Ele			cal Logs Rur	(Submit co	py of each)							l cored?	Z N	0	Yes (Submit	
GR/CCL/C												T run? nal Survey	א בכו א		Yes (Submit Yes (Submit	
23. Casing	and Liner R	ecord (Re	port all strin	gs set in we	11)						leeno	nai Suivey	: L_I''		Tes (Subhar	
Hole Size	Size/Gra	ide Wt	(#/ft.)	Fop (MD)	Bottom (M	D) S	Stage Ceme Depth			of Sks. of Cem		Slurry (BB		Cem	ent Top*	Amount Pulled
12 1/4"	9 5/8" J-	55 36#	ŧ 0		523'		Deptit			(Type		56 bbls		Surf (d	circ)	
7 7/8"	4 1/2" N	— i —			7736'					sxs cm		209 bbl	3	Surf (c	· · ·	
										х Туре		(3 stg ci			,	
										1sx Pr.					RCVD	OCT 25 '13
•																ONS. DIV.
															- P	IST. 3
24. Tubing																T
Size 2 3/8"	7585'	Set (MD)	Packer De	pth (MD)	Size	<u>u</u>	Depth Set ((MD)	Packer	Depth (N	<u>(UD)</u>	Siz	e l	Dept	h Set (MD)	Packer Depth (MD)
25. Producir						26.	Perfo	ration I	Record							L
	Formation			Тор	Bottom			ated In		_		Size	No. I	Holes		Perf. Status
A) Dakota			7387		TD	73	388' - 762	20'			0.40		61		Open, Pro	oducing
B)		<u></u>			,											
<u>C)</u>																
D)																
27. Acid, Fr	acture, Trea Depth Inter		ment Squeez	e, eic.				4	Amount a	and Typ	be of N	Material				
7388' - 743			750 g	al 15% HC	I, frac w/63,0	00# 20	/40 sand									
7519' - 762	20' (35 hol	les)	966 g	al 15% HC	I, frac w/144,	000# 2	20/40 san	nd & 4	100 bbl	ls slick	wate	r				
28. Producti Date First		l A Hours	Test	Oil	Gas	Water	- k	Dil Grav	vitv	Gas		Prod	uction N	fethod		
Produced		Tested	Production		MCF	BBL		Corr. Al	-		vity					
09/24/13	10/09/13	24		27.07	319.68	36.5	1					Flo	wing			
	Tbg. Press.	Ċsg.	24 Hr.	Oil	Gas	Water		Gas/Oil		Wel	ll Stat	us				
	Flwg. SI	Press.	Rate	BBL	MCF	BBL	R	Ratio			·					
0/64"	n/a	772 psi		27.07	319.68	36.5	1		. •	Pro	oduci	ng			•••	
28a. Produc	1	al B	·•	1		<u>.</u>						····				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL		Dil Grav Corr. Al	•	Gas Gra	; ivity	Proc	uction N	1ethod		
TOULCEU		1 Colleu				100	ľ	JUIT. AL			wity					
Choke	The Breet	C	24 Hr.	0:1	Gas	Water		Gas/Oil		NV a	ll Stat	116	10000		1.1.21.24 mm	<u></u>
Size	Tbg. Press. Flwg.	Csg. Press.	Rate	Oil BBL	MCF	BBL		SasiOII Ratio		W CI	ii Jidi					
	SI					1	1						C	ICT 2	2 2 2013	

NMOCD P

*(See instructions and spaces for additional data on page 2)

N. William Tambekou

28b. Prod	uction - Inte	rval C								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
28c. Prod	uction - Inte	rval D		-						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	- L	

31. Formation (Log) Markers

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29. Disposition of Gas (Solid, used for fuel, vented, etc.)

Gas sold with C-104 Test Allowable using Green Completion

30. Summary of Porous Zones (Include Aquifers):

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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.

				N	Тор
Formation	Тор	Bottom	Descriptions, Contents, etc.	Name	Meas. Depth
Ojo Alamo Kirtland	2511' 2790'	2790' 3045'		Menefee Point Lookout	4873' 5387'
Fruitland Coal Picture Cliffs	3045' 3142'	3142' 3240'		Dakota	7387'
Lewis Shale Chacra	3240' 4073'	4073' 4822'			
Cliffhouse Menefee	4822' 4873'	4873' 5387'			
Point Lookout Mancos (Regulatory)	5387' 5887'	5887' 6549'			
Gallup Greenhom	6549' 7298'	7298' 7360'			
Graneros Dakota	7360' 7387'	7387' TD			

32. Additional remarks (include plugging procedure):

Logs, C-102 (As-Drilled) and Wellbore Diagram submitted with original completion report dated 10/11/2013.

Electrical/Mechanical Logs (1 full set req'd.)	Geologic Report	DST Report	Directional Survey
Sundry Notice for plugging and cement verification	Core Analysis	Other:	
I hereby certify that the foregoing and attached informat	ion is complete and correct as de	termined from all availa	able records (see attached instructions)*
Name (please print) Bart Treviño	Title	Regulatory Analys	st
Signature	Date	10/16/2013	·

(Continued on page 3)

Form 3	, I		
(March	20.2)	-	•

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED OMB NO. 1004-0137 Expires: October 31, 2014

Well completion or recompletion report and 265 21 2013

5. Lease Serial No. Jicarilla Contract 110

					•		*												
Obs Full at C_Algement Num: and No. Description: Description:<	la. Type of	Well Completion		Well w Well		Gas Well Vork Over	Dry Deepen		other) ជាត្រូវពា	Resura	ngto	n Fi	Aspage	iu 6. If	Indian, A	Allottee or T ache Tribe	Tribe	Name
2 Note of Operator Well Spectrate 1 126 State 1 Control 1 2 Sec. 17. A 100 EVEX 1 Control 1 2 Sec. 17. Table 3 Sec. 1 2 Sec. 17. Table 3 Sec. 2 Sec. 10 1 Factor 3 Address 101 Factor 4 Control 1 2 Sec. 17. Table 3 Sec. 2	0. Type of	compionion							Tug Duon	- 200	620 0	i La	inci n	nanag	7U	nit or CA	Agreemen	nt Nan	ne and No.
EnerVest Operating, LLC. State State <thstate< th=""> State Sta</thstate<>	2	0		ci		4 alm									<u> </u>	epor	<u>t To</u>	Lea	se
Insome TX 7082 TT3 459-3500 30.039 1174 < 0 CC2. 4. Location of Well (Report feation clarity and in accounce with Faderal requirements)* Th. Field and Pool of Exploratory: Blanco Measuredia Th. Field and Pool of Exploratory: Blanco Measuredia A torp root interval reports below Th. Sec. 17 T26N R05W Th. Field and Pool of Exploratory: Blanco Measuredia Th. Sec. 7, R. M. on Black and Survey of Araba Sec. 17 T26N R05W 14. Dotal depth T26 FEL & 1655 FWL (UL N), Sec. 17 T26N R05W To Det Completed 10/02/2013 17 Black Sec. 17 T26N R05W 14. Dotal depth T26 FEL & 1655 FWL (UL N), Sec. 17 T26N R05W To Det Completed 10/02/2013 17 Black TD. T26N R05W 14. Dotal completed 10/02/2013 15 Date T.D. Reached DE1/2201 10 A. D. T266V to 76d. 68/76 CL. 21. Type Electric & Other Mealmain Logs Res in writh Hole Sace Sace Conder W. (rift). Top 0.000 State Centrift Top 0.001 State Sace Sace Sace Tay Weight Sace Multicity (Figure 10) Top 0.001 State Sace Sace Sace Sace Sace Sace Sace Sac	EnerVest	Operator Operating,	, L.L.C.												Jica	rilla A #	7M	NO.	K
As surface 1268 FSL & 1650 FV/L (UL N), Sec. 17 T28N R05W Blanco Messeverde A tup prod. interval reportal below 12. Genty or Parish 13. State A tup prod. interval reportal below 12. Genty or Parish 13. State A tup prod. interval reportal below 12. Genty or Parish 13. State A tup prod. interval reportal below 10. Genty or Parish 13. State A tup prod. interval reportal below 10. Genty or Parish 13. State A tup prod. interval reportal below 10. Genty or Parish 13. State A tup prod. interval reportal below 10. Genty or Parish 10. Genty or Parish 18. Total Deah MD 7740' 19. Prog. Back TD: MD 7699' 20. Deah Prod. Berdy Prod. B676 GL. 21. Type Electric & Other Medianel Loga Run (Soluti cays of reach) 10. Berdy Prod. 20. Berdy Prod. Type (State State S	3. Address			800								ide are	ea cod	e)				c2	
At surface 1269 FSL & 1659 FWL (UL N), Sec. 17 T26N R05W I1 Sec. 17 T26N R05W At top prod. interval reported below 12 County or Protein 13. State At top id depth 1259 FSL & 1653 FWL (UL N), Sec. 17 T26N R05W 12 County or Protein 13. State 14 Data Spudded 15 De T.D. Ranched 16 Data Completed 10/02/2013 16 Arrow 13 Total Denth 170 7749 19 Production 170 7749 170 7749 170 7749 170 <td>4. Location</td> <td>of Well (R</td> <td>eport loca</td> <td>tion cl</td> <td>early an</td> <td>d in accora</td> <td>lance with Fed</td> <td>eral ı</td> <td>requirement</td> <td>ts)*</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>plorat</td> <td>ory</td>	4. Location	of Well (R	eport loca	tion cl	early an	d in accora	lance with Fed	eral ı	requirement	ts)*								plorat	ory
At top prod. interval reported below 13. Strate At top prod. interval reported below 16. Date 2D Reported 10022013 17. Strate 06/12/2013 05. Date 7D. Reached 16. Date Completed 10022013 17. Strate Resolution 18. Total Doptin MD 77.07 17. D7. F684 20. Depti Bridge Plag Set. MD 21. Type Electric & Other Mechanical Logs Rut. (Submit copy of acht) 22. Way set! Coreft 20. Depti Bridge Plag Set. MD TYD 23. Casing and Liner Record. (Report all strings set in well) 23. Strate 10. Strate Corefts Strate 10. Str	At surfac	e 1268' F	SL & 165	58' FV	VL (UL	N), Sec. ⁻	17 T26N R05	w							11.	Sec., T., 1	R., M., on E	Block	and
At roug deph 1285 FSL & 1653 FWL (UL N), Sec. 17 T26N R05W Rio Arriba NM 14 Date Spudded [15, Date TD. Reached [16] Date Completed 10/02/2013 [17] Elevations (DF, RKB, RT, GL)* 06/12/2013 [06/16/2013 [16] Date Completed 10/02/2013 [17] Elevations (DF, RKB, RT, GL)* 18. Total Deph: MD 7740 [19] Pbg Back TD. MD 7740 [20] No [21] Completed 10/02/2013 [27] No [27] Completed 10/02/2013 [27] No [27] Completed 10/02/2013 21. Type Electric & Other Mechanical Lage Run (Submit copy of each) [27] No [27] Completed 10/02/2013 [27] No [27] Completed 10/02/2013 [27] No [27] Completed 10/02/2013 23. Casing and Liner Record (Report all strings is in well) Inter Record (Report all strings is in well) [28] Commit Top* [29] Sobis [29] No [27] Completed 10/02/2013 11.14* 9.57 J-55 36 0 52.3' [17] Type of Cenear (Report all strings is in well) [28] Completed 10/02/2013 [27] No [29] Sobis [29] No [20] No [27] Completed 10/02/2013 21.14* 9.57 J-553 6 0 52.3'''''''''''''''''''''''					·											Survey or	r Area Sec.	17 T26	ON R05W
List Spatial [15] Date TD Reached [16] Date Completed (1002/2013) [17] Elevations (DF, RKB, RT, GL)* 05/12/2013 <	At top pro	od. interval i	reported b	elow											12.	County o	r Parish	1	3. State
OS/12/2013 OS/16/2013 De A Z Ready or Prod End Dep h Tot Different No. 607 18. Total Dep h TVD 77.39 TVD 77.30		epui	'FSL & '					R05V							Rio	Arriba		ſ	M
18. Total Dopti: MD 7740' [19. Plug Back T.D::::::::::::::::::::::::::::::::::::							d				bleted 1(0/02/2 eady to	2013 o Prod	1			ns (DF, RK	B, RT	', GL)*
21. Type Electric. & Other Modehannical Logs Run (Submit copy of each) 22. We well cored? 21. We well cored?		epth: MD					ug Back T.D.:		7695'						g Set:	MD			
Wa DST must be set in velty Vas Colsman (Report all atrings set in velt) Vas Colsman (Report all atrings set in velt) State SaveGrade W. (Velt) Colspan="4">Show Dry Yes (Submit Report) Depth of Size SaveGrade W. (Velt) Top (MD) State Crement Show Dry Yes (Submit Report) Top (MD) State Crement Show Dry Yes (Submit Report) Top (MD) State Crement Show Dry Yes (Submit Report) Top (MD) State Crement Show Dry Yes (Submit Report) Top (MD) State Crement State Depth Stat (MD) Record Top Depth Stat (MD) State Depth Stat (MD) Peaker Depth (MD) Top Beatom Perforated Interval State No. Holes Perforated Interval State No. Holes Perforated Interval State No. Holes Perforated Interval A mount and Type of Material Open: A mount and Type of Material Open: A mount and Type of Material Open: A mount and Type of Mat	21 Type E			nical Lo	ogs Run	(Submit co	ny of each)	1 V	D 7694			22. W	Vas we	Il cored?			Yes (Submi	t analy	
Hole Size Size/Grade Wt. (#R) Top (MD) Bottom (MD) Sage Comment Depth No. of Six. & Type of Cament Shurry Vol. (BBL) Cament Top* Amount Putled 12 14" 9 5.8" J-55 36# 0 523" 225 sx Type III 36 bbls Surf (circ)	GR/CCL/0	CBL & RM	Т									W	Vas DS	T run?	Z N		Yes (Submi	t repor	t)
True size Jacobian Prof. (MD) Depth Type of Ceneral (BBL) Central rule Amount rule 2144" 958"/-563 0 523" 225 str. Type III 56 bbls Surf (circ)	23. Casing	and Liner R	Record (R	eport c	all string	s set in wei	(I) 		Stage Co	montor	No	f Clea	ρ.	Clarence	Val				
77/8" 4 1/2" N-80 11.6# 0 7736" 1171 sxs cmt 209 bbls Surf (circ) 100ex Type III (3 stg cmt job) (3 stg cmt job) RCUD QCT 25 '1.3 24. Tubing Record 1171 sxs cmt 209 bbls Surf (circ) 3te Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 2 3/8" 7585' 2 Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 2 3/8" 7585' 2 Depth Set (MD) Packer Depth (MD) Size Network Perforated Interval Size Network Network 8) 700 Depth Set (MD) Rater Depth (MD) Size No. Holes Perf. Status 70 Open, Perf. Status 70 Open, Producing 0.40" 70 Open, Producing 8) 750 gal 15% HCI, frac w/164.240# 20/40 sand, 20.560# 20/40 resin-coated sand, 944 bbis gelwater, and 1.024.124 scf N2 20.0571 scf N2 224 - 5499' 1400 gal 15% HCI, frac w/164.240# 20/40 sand, 20.960# 20/40 resin-coated sand, 1572 bbis gelwater, and 2.00.571 scf N2 246 - 5499' 1000 gal 15% HCI, frac w/164.240# 20/						op (MD)	<u>`</u>	D)			Туре	of Cer	ment						Amount Pulled
24. Tubing Record (100ex Type III (3 stg ornt job) Staz Depth Set (MD) Packer Depth (MD) Staz Depth Set (MD) Staz Depth Set (MD) Packer Depth (MD) Staz Depth Set (MD) 23.0° 7585 2 Depth Set (MD) Packer Depth (MD) Staz Depth Set (MD) 23.0° 7585 2 Depth Set (MD) Packer Depth (MD) Staz Depth Set (MD) 23.0° Top Bottom Perforation Record Staz No. Holes Perf. Status A) Messaverde 4822' 5887' 4988' - 5499' 0.40°'' 70 Open, Producing B)																			·······
24. Tubing Record Fig. 2 Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size No. Holes Perf. Status 23. Producting Interval Top Bottom Perforated Interval Size No. Holes Perf. Status A) Mesaverde 4822' 5887'' 4898' - 5499'' 0.40''' To Open, Producing B) Cort Image: Status Top Depth Interval Amount and Type of Material 246 ' Add4' (26 holes) 750 gal 15% HCl, frac w/81.680# 20/40 sand, 42.900# 20/40 resin-coated sand, 1572 bbls gelwater, and 1.024, 124 scf N2 25246' 5499' (44 holes) 100 gal 15% HCl, frac w/81.680# 20/40 sand, 42.900# 20/40 resin-coated sand, 1572 bbls gelwater, and 2.000.571 scf	/ //8"	4 1/2" N	-80 11	.6#			//36									Surf (c	irc)		
24. Tubing Record OIL CONS. DIV. Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 2 3/6" 7585' Z Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 2 3/6" 7585' Z Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 2 3/6" 7585' Z Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 2 3/6" 7585' Z Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 3 70 Open, Producing Size No. Holes Perf. Status 0) Z 70 Open, Producing Size Depth Interval 4989 - 4944' (26 holes) 750 gal 15% HCl, frac wl81,680# 20/40 sand, 20,560# 20/40 resin-coated sand, 10,24,124 scf N2 Size 2264 - 549' (44 holes) 1000 gal 15% HCl, frac wl81,680# 20/40 sand, 20,560# 20/40 resin-coated sand, 1572 bbls gelwater, and 2,000,571 scf N2 2264 - 549' (44 holes) Test d Production BBL MCF BBL Ratio	·					·····								(3 stg c	mt jod)		Prin	nc	TOC : 1
24. Tubing Record Diff Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 23/8" 7585' 26 Perforation Record Size Depth Set (MD) Packer Depth (MD) 23/8" 7585' 26 Perforation Record Size Depth Set (MD) Packer Depth (MD) 23/8" 7585' 26 Perforation Record Size No. Holes Perf. Status A) Mesaverde 4822' 5887' 4998' - 5499' 0.40" 70 Open, Producing B)											+ 10/1	SX PI	. Ll.)					NM	5.00
24. Tubing Record Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 23/8° 7585' 26 Perforation Record Environment State Perforation Record 25. Producing Intervals 26. Perforation Record No. Holes Perf. Status A) Mesaverde 4822' 5887' 4898' - 5499' 0.40" 70 Open, Producing B) 70 Open, Producing 70 Open, Producing 100 27. Acid, Fracture, Treatment, Cement Squeeze, etc. Amount and Type of Material 26. Production - Interval A 750 gai 15%, HCI, frac w/81,680# 20/40 sand, 20,660# 20/40 resin-coated sand, 1572 bbls gelwater, and 1,024,124 scf N2 27. Acid, Fracture, Treatment, Cement Squeeze, etc. Amount and Type of Material 750 gai 15%, HCI, frac w/164,240# 20/40 sand, 20,660# 20/40 resin-coated sand, 1572 bbls gelwater, and 2,000,571 scf N2 28. Production - Interval A Date First 760 deet 19.61 390.72 26.44 760 BBL Gas Water Gas/011 Well Status 700 deet Test BBL MCF BBL Corr. API Gravity Fowing 7		+			-														
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	24. Tubing						l											A-1	
25. Producing Intervals Image: Top Bottom Perforated Interval Size No. Holes Perf. Status A) Mesaverde 4822' 5887' 4898' - 5499' 0.40" 70 Open, Producing B)			Set (MD)	Pa	cker Dep	th (MD)	Size		Depth Set	t (MD)	Packer I	Depth ((MD)	Siz	te	Depth	n Set (MD)		Packer Depth (MD)
Formation Top Bottom Perforated Interval Size No. Holes Perf. Status A) Messverde 4822' 5887' 4898' - 5499' 0.40'' 70 Open, Producing B)									26 Per	foration	Record								
B)					T	op	Bottom							Size	No. I	Holes		Perf	f. Status
C) Image: constraint of the second seco		erde			4822'		5887'		4898' - 5	499'			0.40)"	70		Open, Pr	oduci	ng
D) Image: Constraint of the second seco													ļ		<u> </u>				
27. Acid, Fracture, Treatment, Cement Squeeze, etc. Amount and Type of Material Depth Interval 750 gal 15% HCl, frac w/81,680# 20/40 sand, 20,560# 20/40 resin-coated sand, 944 bbls gelwater, and 1,024,124 scf N2 5246' - 5499' (44 holes) 1000 gal 15% HCl, frac w/164,240# 20/40 sand, 42,900# 20/40 resin-coated sand, 1572 bbls gelwater, and 2,000,571 scf N2 28. Production - Interval A Test Date First Test Production BBL MCF BBL Choke Tby Press. Size Flwg. Production BBL MCF BBL MCF BBL Choke Tby Press. Size Flwg. Production BBL MCF BBL MCF BBL Choke Tby Press. Size Flwg. Press. Rate BBL MCF MCF BBL Choke Tby Press. Size Flwg. Press. Saga Production BBL MCF BBL Corr. API																			<u></u> _
Amount and Type of Material4898' - 4944' (26 holes)750 gal 15% HCl, frac w/81,680# 20/40 sand, 20,560# 20/40 resin-coated sand, 944 bbls gelwater, and 1,024,124 scf N25246' - 5499' (44 holes)1000 gal 15% HCl, frac w/81,680# 20/40 sand, 22,900# 20/40 resin-coated sand, 1572 bbls gelwater, and 2,000,571 scf N25246' - 5499' (44 holes)1000 gal 15% HCl, frac w/164,240# 20/40 sand, 42,900# 20/40 resin-coated sand, 1572 bbls gelwater, and 2,000,571 scf N228. Production - Interval A		racture Tre	atment Ce	ement	Squeeze	etc													
5246' - 5499' (44 holes) 1000 gal 15% HCl, frac w/164,240# 20/40 sand, 42,900# 20/40 resin-coated sand, 1572 bbls gelwater, and 2,000,571 scf N2 28. Production - Interval A					Squeeze,	, c.c.				ŀ	Amount a	nd Ty	pe of I	Material					
28. Production - Interval A Date First Test Date Hours Tested Produced Test Date First Test Date Hours Tested Oil Gas Water BBL Oil Gravity Corr. API Gas Gravity Production Method Flowing 09/24/13 10/09/13 24 Image: Section of the section	4898' - 49	44' (26 hol	les)		-														
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NMOCD PV

William Tambekog

28b. Prod	uction - Inte	rval C							
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
	Tbg. Press. Flwg. SI	Csg. Press.	24 Flr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
28c. Produ	iction - Inter	rvál D							
Date First Produced	1	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
29. Dispos	sition of Gas	Solid, use	ed for fuel, ve	nted, etc.)			·		

31. Formation (Log) Markers

Gas sold with C-104 Test Allowable using Green Completion

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.

Formation	Tan	Dattant	Descriptions Contracts at	News	Тор
Formation	Тор	Bottom	Descriptions, Contents, etc.	Name	Meas. Depth
Ojo Alamo Kirtland	2511' 2790'	2790' 3045'		Menefee Point Lookout	4873' · 5387'
Fruitland Coal Picture Cliffs	3045' 3142'	3142' 3240'		Dakota	7387'
Lewis Shale Chacra	3240' 4073'	4073' 4822'			
Cliffhouse Menefee	4822' 4873'	4873' 5387'			
Point Lookout Mancos (Regulatory)	5387' 5887'	5887' 6549'			
Gallup Greenhom	6549' 7298'	7298' 7360'			
Graneros Dakota	7360' 7387'	7387' TD			

32. Additional remarks (include plugging procedure):

Logs, C-102 (As-Drilled) and Wellbore Diagram submitted with original completion report dated 10/11/2013.

33. Indicate which items have been attached by placing a ch	eck in the appropriate boxes:			
Electrical/Mechanical Logs (1 full set req'd.)	Geologic Report	DST Report	Directional Survey	
Sundry Notice for plugging and cement verification	Core Analysis	Other:		
34. I hereby certify that the foregoing and attached informat	ion is complete and correct as o	letermined from all avail	lable records (see attached instructions)*	
Name (please print) Bart Treviño	Title	e Regulatory Analys	st	
Signature PDC	Date	e 10/16/2013		
Signature 700	Dat	<u>10/16/2013</u>		_
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 12	12 make it a crime for any pers	on knowingly and willfi	ully to make to any department or agency of the United St	atec a

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.