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			•							<b>e</b> .	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	" <sub>th</sub> 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					<b>R</b>	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 <b>בכו</b> 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	— <del>i</del> —			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		<b>-</b>						
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):

, , , , , , ,

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. <sup>-</sup>	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?	<b>Z</b> 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)		-														
Date First Produced       Test Date Tested       Hours Tested       Test Production       Oil BBL       Gas MCF       Water BBL       Oil Gravity Corr. API       Gas Gravity       Production Method         09/24/13       10/09/13       24       19.61       390.72       26.44       26.44       Flowing         Choke Size       Tbg. Press. Flwg.       Press.       24 Hr. N/2       Oil       Gas       Water       Gas/Oil Ratio       Well Status         0/64"       n/a       772 psi       19.61       390.72       26.44       Producing       Producing         0/64"       n/a       772 psi       19.61       390.72       26.44       Producing       Producing         0/64"       n/a       772 psi       19.61       390.72       26.44       Producing       Producing         28a. Production Interval B       Tested       Hours Tested       Test       Oil BBL       Gas       Water BBL       Oil Gravity Corr. API       Gas Gravity       Production Method         Choke Size       Tbg. Press. Si       Csg. Press.       24 Hr. Rate       Oil BBL       Gas MCF       BBL       Gas/Oil Ratio       Well Status       AGGRATIONAR ACCEND         OPT 2 2 2013       PPT       PT       PT       PT <td< td=""><td>5246' - 54</td><td>99' (44 ho</td><td>les)</td><td></td><td>1000 ga</td><td>al 15% Ho</td><td>CI, frac w/164</td><td>4,24</td><td>0# 20/40 :</td><td>sand, 42</td><td>2,900#2</td><td>20/40</td><td>resin</td><td>-coated</td><td>sand, 1</td><td>572 bbl</td><td>s gelwate</td><td>r, and</td><td>2,000,571 scf N2</td></td<>	5246' - 54	99' (44 ho	les)		1000 ga	al 15% Ho	CI, frac w/164	4,24	0# 20/40 :	sand, 42	2,900#2	20/40	resin	-coated	sand, 1	572 bbl	s gelwate	r, and	2,000,571 scf N2
Date First Produced       Test Date Tested       Hours Tested       Test Production       Oil BBL       Gas MCF       Water BBL       Oil Gravity Corr. API       Gas Gravity       Production Method         09/24/13       10/09/13       24       19.61       390.72       26.44       26.44       Flowing         Choke Size       Tbg. Press. Flwg.       Press.       24 Hr. N/2       Oil       Gas       Water       Gas/Oil Ratio       Well Status         0/64"       n/a       772 psi       19.61       390.72       26.44       Producing       Producing         0/64"       n/a       772 psi       19.61       390.72       26.44       Producing       Producing         0/64"       n/a       772 psi       19.61       390.72       26.44       Producing       Producing         28a. Production Interval B       Tested       Hours Tested       Test       Oil BBL       Gas       Water BBL       Oil Gravity Corr. API       Gas Gravity       Production Method         Choke Size       Tbg. Press. Si       Csg. Press.       24 Hr. Rate       Oil BBL       Gas MCF       BBL       Gas/Oil Ratio       Well Status       AGGRATIONAR ACCEND         OPT 2 2 2013       PPT       PT       PT       PT <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>																			
Date First Produced       Test Date Tested       Hours Tested       Test Production       Oil BBL       Gas MCF       Water BBL       Oil Gravity Corr. API       Gas Gravity       Production Method         09/24/13       10/09/13       24       19.61       390.72       26.44       26.44       Flowing         Choke Size       Tbg. Press. Flwg.       Press.       24 Hr. N/2       Oil       Gas       Water       Gas/Oil Ratio       Well Status         0/64"       n/a       772 psi       19.61       390.72       26.44       Producing       Producing         0/64"       n/a       772 psi       19.61       390.72       26.44       Producing       Producing         0/64"       n/a       772 psi       19.61       390.72       26.44       Producing       Producing         28a. Production Interval B       Tested       Hours Tested       Test       Oil BBL       Gas       Water BBL       Oil Gravity Corr. API       Gas Gravity       Production Method         Choke Size       Tbg. Press. Si       Csg. Press.       24 Hr. Rate       Oil BBL       Gas MCF       BBL       Gas/Oil Ratio       Well Status       AGGRATIONAR ACCEND         OPT 2 2 2013       PPT       PT       PT       PT <td< td=""><td>28. Product</td><td>ion - Interva</td><td>al A</td><td>].</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	28. Product	ion - Interva	al A	].															
09/24/13       10/09/13       24       Image: state sta	Date First	Test Date	Hours					•						Proc	luction M	lethod			
Choke     Tbg. Press. Csg.     24     Hr.     Oil     Gas     Water     Gas/Oil       Size     Flwg.     Press.     Rate     BBL     MCF     BBL     Ratio     Producing       0/64"     n/a     772 psi     Image: Size     19.61     390.72     26.44     Producing       28a.     Production - Interval B     Image: Size     Test Date     Hours     Test     Oil     Gas     Water     BBL     Oil Gravity       Date First     Test Date     Hours     Test     Oil     BBL     MCF     BBL     Oil Gravity     Gas       Produced     Image: Size     Tested     Oil     BBL     MCF     BBL     Oil Gravity     Gas       Choke     Tbg. Press.     Csg.     24 Hr.     Oil     Gas     Water     BBL     Oil Gravity     Gas       Choke     Tbg. Press.     Csg.     Csg.     A Hr.     Oil     Gas     Water     BBL     Gas/Oil     Well Status     ACGRATION DOI NECOND       Size     Flwg.     Press.     Size     Csg.     A Hr.     BBL     MCF     BBL     Ratio     Well Status     ACGRATION DOI NECOND       NCF     Size     Size     Flwg.     Press.     Csg.     Csg. <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Corr. Al</td> <td>21</td> <td>Gra</td> <td>avity</td> <td>Flo</td> <td>wina</td> <td></td> <td></td> <td></td> <td></td>										Corr. Al	21	Gra	avity	Flo	wina				
Size     Flwg. SI n/a     Press. NA     Rate     BBL     MCF     BBL     Ratio       0/64"     n/a     772 psi     →     19.61     390.72     26.44     Producing       28a. Production - Interval B     Date First Produced     Test Date First Forduced     Hours Tested     Test Production     Oil BBL     Gas MCF     Water BBL     Oil Gravity Corr. API     Gas Gravity     Production Method       Choke Size     fbg. Press. Flwg. SI     24 Hr. Press.     Oil BBL     Gas MCF     Water BBL     Gas/Oil Ratio     Well Status     AGGPRATION FOR SIECOND			· · ·							Gas/Oil		We	ell Stat						
0/64"     n/a     772 psi     Poil     19.61     390.72     26.44     Production       28a. Production - Interval B     B     First     Test Date     Hours     Test     Oil     Gas     Production     Gas     Production     Gas     Production     MCF     BBL     Oil Gravity     Gas     Gas     Gas     Gas     Gas     Gas     Oil Gravity     Gas     Gas     Gas     Oil Gravity     Gas     Gas     Gas     Gas     Gas     Gas     Gas     Gas     Gas     Oil Gravity     Gas     Gas     Gravity     Corr. API     Gas     Gas     Gravity     Gas     Gas     Gas     Gas     Gas     Gas     Gas     Gas     MCF     BBL     MCF     BBL     Ratio     Well Status     ACCONTINECTED     ACCONTINECTED       Si     Si     Press.     Si     Press.     BBL     MCF     BBL     Ratio     Well Status     ACCONTINECTED     ACCONTINECTED		Flwg.		Rate	e .														
Date First Produced       Test Tested       Oil Production       Gas BBL       Water BBL       Oil Gravity Corr. API       Gas Gravity       Production Method         Choke Size       Tbg. Press.       Csg. Press.       24 Hr. Rate       Oil BBL       Gas MCF       Water BBL       Gas/Oil Ratio       Well Status       AGGRATIONION RECOND	0/64"		772 ps	i		19.61	390.72	26	6.44			PI							-
Produced       Tested       Production       BBL       MCF       BBL       Corr. API       Gravity         Choke Size       Tbg. Press.       Csg. Press.       24 Hr. Rate       Oil BBL       Gas MCF       Water BBL       Gas/Oil Ratio       Well Status       AGGRATIONION RECOND				<b>F</b>		6		hu.		010-	.:			b		(مدام م			
Choke Size Flwg. SI Press. Csg. 24 Hr. Oil Gas Water Gas/Oil Rate BBL MCF BBL Ratio Well Status AGGRATIONICA RECORD	Produced	Test Date		Proc	luction									Proc	luction iv	leinod			
	Choke Size	Flwg.		24 F	łr.							We	ell Stat	tus	i	GGE		N R	ECCIED
	*(See inst		spaces fo			ta on page	2)									Û	<u>r: ? ?</u>	201	3

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.)			<b>·</b>		

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.