Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No 1004-0137

			BURE	AU OF	LAND	MANAC	BEMEN	Γ				1 .	Expires: J	uly 31, 2010
	WELL	. COMP	LETION	OR R	ECON	IPLETI	ON RE	PORT	AND I	_OG		5. Lease S JIC109		<u> </u>
1a. Type o	f Wall	co Oil Wa	1 5 G	e Wall		n (Other	-				<u> </u>		or Tribe Name
	f Completic		New Well		ork Ove		eepen	— Plu	g Back	☐ Diff.	Recur	Jo. II Illula	ii, Anotice	of Thoe Name
o. Type o	Complete	_	ier	_				U 1 14	g Dack		Resvi.	7. Unit or	CA Agree	ment Name and No.
	/EST OPE					Contact: B ch@enerv		HELFF	RICH				ILLA B #3	
3. Address	HOUST	ON, TX 7	7002				Ph:	713-49		e area coc	le)	9. API We		30-039-29638 0
	,	•	tion clearly		ecordano	ce with Fed	leral requ	irements	s)*			10. Field a	nd Pool, o CO MV/B/	r Exploratory ASIN DAKOTA
At surfa			SL 2300FE									11. Sec., T	., R., M., c Sec. 15	r Block and Survey T26N R5W Mer
		_	below N\ DFSL 2300		OOFSL.	2300FEL						12. County	or Parish	
14. Date Sp	oudded		15.	Date T.D		ed		16. Date	Complete	ed		I.	ons (DF, I	 XB, RT, GL)*
04/21/2	2006			05/02/20	006			⊠ D &	A 🗖	Ready to	Prod.]	6611 G	L
18. Total D	epth:	MD TVD	757	9	19. P	lug Back T	`.D.:	MD TVD	75	79	20. Dep	oth Bridge Pl	ug Set:	MD 3100 TVD
21. Type El NO ELE	lectric & Ot		inical Logs	Run (Sul	omit cor	y of each)		•			well cored	d? No		es (Submit analysis) es (Submit analysis)
					10						ctional Su		☐ Y	es (Submit analysis)
3. Casing an			T .	To		Bottom	Stage C	ementer	No. o	f Sks. &	Slurry	Vol.		Τ
Hole Size		Grade	Wt. (#/ft.)	(M	- 1	(MD)	De		ł	f Cement		(Cem	ent Top*	Amount Pulled
		.625 K55			0					18			()
8.750 6.250		.000 N80	26. 11.		0 3243	3500 7573				43			7264	<u> </u>
0.230	4	.230 1160		1	3243	1313					-		1202	<u> </u>
					$ \!$									
4. Tubing l	Record						<u>,</u>		<u> </u>	· · · · · · · · · · · · · · · · · · ·	<u> </u>	<u>i</u> _		<u> </u>
Size I	Depth Set (1	MD) P	acker Deptl	ı (MD)	Size	Deptl	n Set (MI) P:	acker Dep	th (MD)	Size	Depth Set	(MD)	Packer Depth (MD)
5. Producin	g Intervals			-	l	1 26.	Perforati	on Reco	rd	<u> </u>	ļ			
	rmation		Тор		Botto			forated l			Size	No. Hol	es	Perf. Status
)		- -												· · · · · · · · · · · · · · · · · · ·
)												****		
)				- †				Ü	, .					
)												-		
			nent Squeez	e, Etc.			,							
D	epth Interv		54 047 0	0.750)/7	TOTAL F	OD OFT O	F 4 00 D		ount and	Type of N	Material			HK 1P.10
		553 TO 75		Q 75SX 1	OTALF	OR SET O	F 4 SQ PI	ERFS						<u>ONS DIV. </u>
		357 TO 73 200 TO 72											atret,	
 -		180 TO 71						,						
B. Productio	n - Interval	A		· Ken										
	est Date	Hours Tested	Test Production	Oil BBL	Gas MC		ater BL	Oil Grav Corr A		Gas Gravity		roduction Method		
				<u>.</u>								Plan	P- A	· · · · · · · · · · · · · · · · · · ·
F	bg. Press lwg	Csg. Press	24 Hr. Rate	Oil BBL	Gas MC		ater 3L	Gas-Oıl Ratıo		Well S	tatus			
a. Production		l al B		<u></u>										
First T	est	Hours	Test	Oil	Gas		ater	Oil Grav	⁄ıty	Gas	P	roduction Method		
	ate	Tested	Production	BBL	MC			Corr AI		Gravity				ED FOR RECC
	bg Press lwg.	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCl		ater BL	Gas Oil Ratio		Well St	atus			.R 1 0 2010
191	•	ì	1	I	1			1		ı			4.03.	D & 1910

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #82467 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

OPERATOR-SUBMITTED **

The Fig. The National Processing The N	28h Produ	ction - Interv	ral C								1		
Date Date Production Date Production Date Da				Test	Oil	Gas	Water	Oil Gravity	Gas		Production Method		
See Fire Fire Rate See S													
St. Production—Interval D Description Production St. Production—Interval D Description—Interval D Description									Well St	atus			
The first deed by the first plant of the first plan		, °	11033			,ex			_				
size Signature							,						
9. Disposition of Gis(Sold, used for fuel, venicel, etc.) NEW MAIL important zones of porestity and contents thereof: Cored intervals and all drill-stem tests, including depth interval used, cushion used, time tool open, flowing and shut-in pressures and recoveries. See logic Formations Est. Top Est. Bottom Log Top Log Bottom Remarks and Jose Fm 1214 2532 Fresh water sands 1214 2532 Gas 1214 Surface/Fresh water sands 1214											Production Method		
Summary of Porques Zones (Include Aquilfers)									Well Sta	itus	<u> </u>		
O. Summary of Porous Zones (Include Aquitors);	/ [" [Press	Rate Rate		MCF	BBL	Ratio					
Summary of Porque 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 zocoveries. Surface 1214 Surface/Fresh water sands Include Plancy Surface 1214 Surface/Fresh water sands Include Plancy Surface 1214 Surface/Fresh water sands Include Surface/Fresh water sands Inclu	9. Disposi	tion of Gas(S	old, usea	for fuel, vent	ed, etc.)								
Show all important zones of perocity and contents thereof. Cored intervals and all drill-stem tests, including depth merval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Seologic Formations		-	Zones (I	nclude Aquife	rs):					31. For	mation (Log) Markers		
lacimiento Fm	tests, inc	cluding depti	ones of p interval	porosity and control tested, cushion	ontents th n used, ti	ereof: Cored me tool oper	intervals and al	l drill-stem hut-in pressures					
an Jose Fm Surface 1214 Surface/Fresh water sands	eologic	Formatio	ns Es	t. Top	Ést.	Bottom	Log Tor	Log	Bottom	Re	emarks		
irtland Shale 2760 2934 2934 2934 2934 2934 2934 2934 2934										Su	 		
irtland Shale 2760 2934 3128 Coal/Gas/Possible water ctured Cliffs Ss 3128 3252 Gas wis Shale 3252 4060 acra (Lower) 4060 4842 Gas (off-setting production) iff House Ss enefee Fm 4873 5353 Coal/Ss/Water/gas oint Lookout Ss ancos Shale 5698 Gas ancos Shale 1010 6338 7361 Oil & Gas ellup 6338 7361 Oil & Gas ellup 7361 PBTD Water/Possible gas Additional remarks (include plugging procedure): Dry hole completion. Notice of Intent to P&A procedure submitted and approved. All info used came from CDX filings as per OCD website. No other documents received from previous operator. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other: Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #82467 Verified by the BLM Well Information System. For ENERVEST OPERATING L.L.C., sent to the Rio Puerco Title REGULATORY TECH.	acimien	to Fm						2532					
uitland Fm	jo Alam	o Ss					2532	2760		Aq	Aquifer (fresh water)		
ctured Cliffs Ss 3128 3252 Gas ewis Shale 3252 4060 acra (Lower) 4060 4842 Gas (off-setting production) iff House Ss 4842 4873 Gas enefee Fm 4873 5353 Coal/Ss/Water/gas offit Lookout Ss 638 Gas ancos Shale 5698 Gas ancos Shale 5698 Gas ancos Shale 5698 Gas ancos Shale 7361 Oil & Gas akota Ss 7361 PBTD Water/Possible gas Additional remarks (include plugging procedure): Dry hole completion. Notice of Intent to P&A procedure submitted and approved. All info used came from CDX filings as per OCD website. No other documents received from previous operator. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Surv. 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #82467 Verified by the BLM Well Information System. For ENERVEST OPERATING L.L.C., sent to the Rio Puerco Name (please print) BRIDGET HELFRICH Title REGULATORY TECH.	irtland S	hale					2760	2934					
ewis Shale hacra (Lower) hacra	ruitland I	Fm .					2934	3128	3128		oal/Gas/Possible water		
hacra (Lower) hacra	ictured C	liffs Ss					3128	3252	3252		Gas		
liff House Ss 4842 4873 Gas lenefee Fm 4873 5353 Coal/Ss/Water/gas lint Lookout Ss 5353 5698 Gas lancos Shale 5698 6338 lallup 6338 7361 Oil & Gas lakota Ss 7361 PBTD Water/Possible gas Additional remarks (include plugging procedure): Dry hole completion. Notice of Intent to P&A procedure submitted and approved. All info used came from CDX filings as per OCD website. No other documents received from previous operator. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Surv. 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #82467 Verified by the BLM Well Information System. For ENERVEST OPERATING L.L.C., sent to the Rio Puerco Name (please print) BRIDGET HELFRICH Title REGULATORY TECH.	Lewis Shale						3252	4060	4060				
lenefee Fm 4873 5353 Coal/Ss/Water/gas bint Lookout Ss 5353 5698 Gas lancos Shale 5698 6338 allup 6338 7361 Oil & Gas akota Ss 7361 PBTD Water/Possible gas Additional remarks (include plugging procedure): Dry hole completion. Notice of Intent to P&A procedure submitted and approved. All info used came from CDX filings as per OCD website. No other documents received from previous operator. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Surv. 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #82467 Verified by the BLM Well Information System. For ENERVEST OPERATING L.L.C., sent to the Rio Puerco Name (please print) BRIDGET HELFRICH Title REGULATORY TECH.	Chacra (Lower)			•			4060	4842	4842				
bint Lookout Ss Iancos Shale Iancos Sas	Cliff House Ss						4842	4873					
Additional remarks (include plugging procedure): Dry hole completion. Notice of Intent to P&A procedure submitted and approved. All info used came from CDX filings as per OCD website. No other documents received from previous operator. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Surveys, Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #82467 Verified by the BLM Well Information System. For ENERVEST OPERATING L.L.C., sent to the Rio Puerco Name (please print) BRIDGET HELFRICH Title REGULATORY TECH.	Menefee Fm						4873	5353					
allup 6338 7361 Oil & Gas akota Ss 7361 PBTD Water/Possible gas 2. Additional remarks (include plugging procedure): Dry hole completion. Notice of Intent to P&A procedure submitted and approved. All info used came from CDX filings as per OCD website. No other documents received from previous operator. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Surv 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #82467 Verified by the BLM Well Information System. For ENERVEST OPERATING L.L.C., sent to the Rio Puerco Name (please print) BRIDGET HELFRICH Title REGULATORY TECH.	oint Lool	cout Ss					5353	5698			Gas		
Additional remarks (include plugging procedure): Dry hole completion. Notice of Intent to P&A procedure submitted and approved. All info used came from CDX filings as per OCD website. No other documents received from previous operator. 3. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Surv 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other: 1. Hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #82467 Verified by the BLM Well Information System. For ENERVEST OPERATING L.L.C., sent to the Rio Puerco Name (please print) BRIDGET HELFRICH Title REGULATORY TECH.	Iancos Si	nale					5698	6338	6338				
2. Additional remarks (include plugging procedure): Dry hole completion. Notice of Intent to P&A procedure submitted and approved. All info used came from CDX filings as per OCD website. No other documents received from previous operator. 3. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Surv. 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: 1. hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #82467 Verified by the BLM Well Information System. For ENERVEST OPERATING L.L.C., sent to the Rio Puerco Name (please print) BRIDGET HELFRICH Title REGULATORY TECH.	allup						6338	7361	 				
Dry hole completion. Notice of Intent to P&A procedure submitted and approved. All info used came from CDX filings as per OCD website. No other documents received from previous operator. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Surv. 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #82467 Verified by the BLM Well Information System. For ENERVEST OPERATING L.L.C., sent to the Rio Puerco Name (please print) BRIDGET HELFRICH Title REGULATORY TECH.	akota Ss				<u> </u>		7361	PBTD)	_ Wa	ter/Possible gas		
Dry hole completion. Notice of Intent to P&A procedure submitted and approved. All info used came from CDX filings as per OCD website. No other documents received from previous operator. 3. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Surv. 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: 1. Hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #82467 Verified by the BLM Well Information System. For ENERVEST OPERATING L.L.C., sent to the Rio Puerco Name (please print) BRIDGET HELFRICH Title REGULATORY TECH.			ĺ	İ					ľ				
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Surv. 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: Libereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #82467 Verified by the BLM Well Information System. For ENERVEST OPERATING L.L.C., sent to the Rio Puerco Name (please print) BRIDGET HELFRICH Title REGULATORY TECH.	Dry hole Notice o All info u	completion f Intent to P used came f	n. '&A proc	cedure submi	tted and		o other docum	ents received f	from		ų.		
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #82467 Verified by the BLM Well Information System. For ENERVEST OPERATING L.L.C., sent to the Rio Puerco Name (please print) BRIDGET HELFRICH Title REGULATORY TECH.				<u> </u>							4 82 .: 10		
Electronic Submission #82467 Verified by the BLM Well Information System. For ENERVEST OPERATING L.L.C., sent to the Rio Puerco Name (please print) BRIDGET HELFRICH Title REGULATORY TECH.							-			-	4. Directional Survey		
Name (please print) BRIDGET HELFRICH Title REGULATORY TECH.	. I hereby c	certify that th	e forego	•			•				,		
	1			Electro							em.		
Signature (Electronic Submission) Date 03/09/2010	Name (ple	ease print) <u>B</u>	RIDGET	HELFRICH	<u></u>			Title REG	SULATOR'	Y TECH	Н.		
	Signature (Electronic Submission)							Date 03/0	Date 03/09/2010				
			-					-	-				