Form 3160-4 (August 2007)

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

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

	WELL	COMP	LETION O	RECO	MPLET	ON RE	PORT	AND LO	3		5	Lease Seria			
la. Type	of Well	☐ Oil We	II X Gas W	ell 🔲	Dry	Other					6.	If Indian, A	dlotee	or Tribe Name	
h Tuna	∟ of Completion:	_	New Well	_	Over $\square$	Deepen		Plug Back	□ Di	ff Res	vr	<u>Jicaril</u>			
	•	Oth									7.	Unit or CA	Agreei	ment Name and No.	
2. Name o	-										8.	Lease Nam			
3. Address	<u>Vest Opera</u>	ating.	LLC				3a.	Phone No. (	include a	rea co	ode)	Jicarilla A No. 8M 9. API Well No.			
1001	Fannin St	Ste 8	00 Hous	ston, T	x 77002		ļ	713-	495-65					348-00-C1	
	n of Well (Repo										10			Exploratory	
At surfac	ce UL B	750'	FNL & 224	0' FEL	Lat 36	5.49236	1 Lo	ng 107.38	81444		11	Basin Sec., T., R.	, M., or	Block and	
At top pr	od. interval rep	orted belo	w										Sec	17, 26N, 05W	
At total o	lepth										12	County or I		13. State	
14. Date Sp	pudded	15. Dat	e T D. Reach	ed		16. Da		•						RKB, RT, GL)*	
			c 14 77 14 4				D & A	L^	-	to Pro	d.	_		0.1	
	27/11	<u> </u>	6/17/11	DI D	LTD. N	<u></u>		7/22			)		665'	GL	
18. Total I	Depth: MID TVD	7.	675 19	Plug Bac	k T.D: M	VD	/,(	624	20 D	eptn E	Bridge Plu	g Set: Mi TV			
21. Type E	lectric & Other	r Mechani	cal Logs Run	(Submit c	opy of each	1)	•		22 Wa	as well	cored?	X No	<u> </u>	Yes (Submit analysis)	
		,							1	as DST		X No	=	Yes (Submit report	
	en/Array C and Liner Rec			et in well)					Dı	rection	al Survey?	X No	<u>ٔ ل</u> ا	Yes (Submit copy)	
Ť			T	T		Stage Cem	enter	No of Sk	. <i>B</i> , T	Clur	ov Vol. T			<del></del>	
Hole Size	Size/Grade	Wt.(#ft.)	<del></del>	Top (MD) Bottom (MD) Stage Cementer Depth No. of Sks & Slurry Vo. (BBL)							Cement T	op*	Amount Pulled		
12 1/4"	9 5/8"	36	0	40	18			200							
0.0447	J55 STC		+		70			F10	$\dashv$						
8 3/4"	7"	23	0	35	/0			510							
C 1 /A"	N80 LTC	11 6	2550	76	CE			200					_		
6 1/4"	4 1/2" N80 LTC	11.6	3550	76	05			390							
24 Tubing			<b>.</b>	<u> </u>				l				· <del></del>			
Size	Depth Set (I	VID) P	acker Depth (M	D) :	Size	Depth Set	(MD)	Packer De	pth (MD)	Τ	Size	Depth Set	(MD)	Packer Depth (MD)	
2-3/8"	7,543											•	<u> </u>		
25. Produc	ing Intervals					6. Perfor	ation R	ecord							
	Formation		Тор	Bot	ttom		rforated			Size	_	o Holes		Perf. Status	
	Basin Dako	ta	7402	-		740	02 to	7628	0	. 400		114		Open	
B) C)				+						-				<del></del>	
D)	· · · · · · · · · · · · · · · · · · ·			+	<del></del>				_				-		
	Fracture, Treatn	nent Cem	ent Squeeze I								I		ļ		
	Depth Interval	nent, cent	ont squeeze, i	200				Amount and	Type of M	faterial					
	2 to 7628		80,000	# 20/4	) Brown	Sd plu	ıs 31		,,,						
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					•									
	,		•		ಚಾರ್ವ್ ನಿರ್ವ	·· ·	.u- 1	****							
28. Product	ion - Interval A														
Date First Produced 7/23/11	Test Date 7/27/11	Hours Tested 24	Test Production	Oil BBL 12	Gas MCF 122	Water BBL 7	Oil Gra	DI'	Gas Gravity		Production		vs fr	om well	
Choke	Tbg. Press.	Csg.	24	Oil	Gas	Water	Gas. (		Well Statu	us	-				
Size 64/64	Flwg. SI 580	Press <b>841</b>	Hr.	BBL 12	мсғ 122	BBL 7	Ratio		Р	GW		ACCEP	TED	FOR RECORD	
28a. Produc	tion-Interval B								······································						
Date First Produced	Test Date	Hours Tested	Test Production	Oıl BBL	Gas MCF	Water BBL	Oil Gra		Gas Gravity		Production	Method	AUG	0 1 2011	
Choke Size	Tbg. Press Flwg SI	Csg Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas ( Ratio		Well State	us		FARMIN BY 5		N FIELD OFFICE	

Date First										
roduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method	
noke ze	Tbg Pres Flwg SI	ss Csg. Press	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas. Oil Ratio	Well Status		
c Producti	ion-Interv	val D					. L	<del></del>		
ate First oduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method	
hoke ze	Tbg. Pres	ss. Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oıl Ratıo	Well Status		
Dispositi	on of Gas	(Sold,used for	fuel, vented, e	tc.)			.l			
0 Summai	ry of Porc	ous Zones (Inc	lude Aquifers	١,		···· -		31 Forma	tion (Log) Markers	
Show all	important	zones of porosi	ty and contents t shion used, time	hereof Co	ored interval	s and all dri l shut-in pre	ll-stem tests, essures and		Non (20g) Markets	
Format	]	Ton	Pottom	Bottom Descriptions, Contents, etc.					Nome	Тор
Format	1011	Тор	Bottom	_		iptions, CC	mienis, etc.		Name	Meas.Depth
Chacra		4103			tstone					
1esavero	de	4880		Coa	1, Sand	lstone,	Shale			
fancos S	Shale	5582		Sha	le					
Gallup		6612		Si1	tstone,	Sha1e				
Dakota		7402		San	dstone,	Shale	, Coal			
2. Addition	nal remar	ks (include pl	ugging proced	ure)·						
					and in the		a haves:			
3 Indicate	which ite	ems have bee hanical Logs (	attached by place attached by	acing a ch	Geol	appropriat ogic Repo re Analysi	rt 🔃 DST Re	ш	tional Survey	
3 Indicate Electr Sundr	which ite ical/Mecl y Notice	ems have bee hanical Logs ( for plugging a	attached by pla 1 full set req'd and cement ver	acing a ch	Geol	ogic Repo	rt DST Re		tional Survey	uctions)*
3 Indicate Electr Sundr	which ite	ems have bee hanical Logs ( for plugging a hat the forego	attached by pla 1 full set req'd and cement ver	acing a ch ) rification ed inform	Geol	ogic Repo	DST Re		ilable records (see attached instru	uctions)*

(Continued on page 3)

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

	WELL	COMP	LETION C	OR RECO	OMPLET	ON REF	PORT	AND LOG	: AUG	01	201 <mark>1</mark> 5	Lease Seria	l No. 10	
la Type	of Well	l oa wa	II Gas V	Wall []	Dry	Other		Ε.	armino	ton Eig	10 (1)6	If Indian, A	llotee o	r Tribe Name
ia Type	L C		ll 🗶 Gas						ammy	KOU LIE	יילי מו	nce edicari l	la An	ache
b Type o	of Completion:	X Oth	New Well er	Worl	Over _	Deepen		Plug Back	≠FÖ Œï	ff:Resvr,!	ana 17	edii caril Unit or CA	Agreen	nent Name and No
2 Name o	f Operator										8	. Lease Name	e and W	/ell No.
	<u>Vest Opera</u>	<u>iting.</u>	LLC				12-	Dhana Na - G			<u>:</u>			A No. 8M
<ol><li>Address</li></ol>							J3a	Phone No. (i			9	. API Well N		
1001	Fannin St n of Well (Repo	Ste 8	<u>300 Hoi</u>	<u>uston, T</u>	x 77002				<u>495-65</u>	53/		30-03	9-298	348-00-C3
			-								10			Exploratory
At surfa	ce UL B	750'	FNL & 22	40' FEL	Lat 3	6.49236	1 Lo	ng 107.38	31444		11	Blanco .Sec , T., R.		
											1 1	Survey or A	\rea	
At top pr	rod. interval rep	orted belo	)W	•							12	UL B,		17, 26N, 05W
At total of	depth											Rio Arr		NM
14. Date S	pudded	15. Dat	te T.D Reac	hed		16. Da		pleted			17			RKB, RT, GL)*
							D & A		Ready	to Prod.		_		
	27/11	<u> </u>	6/17/11					7/22	_				665'	GL
18. Total I	Depth <sup>·</sup> MD TVD	7,	675	9. Plug Ba		AD VD	7,	624	20 D	epth Bri	dge Plu	g Set: Mi TV		
21 Type F	Electric & Other	Mechani	cal Logs Ru	n (Submit c					22 W	as well co	red?	X No		(es (Submit analysis)
ZI. Type I	sicourie de Other	TVICCIIIIII	our Dogs iva	iii (Subiiiii e	opy of cue	,				as DST ru		X No	=	es (Submit report
Spec De	en/Array Co	nmn/Tri	ıe Resis							rectional S		X No	=	Yes (Submit copy)
	and Liner Reco				1				<u> </u>			1771	<u> </u>	
Hole Size	Size/Grade	Wt.(#ft)	Top (MI	D) Bottor	n (MD)	Stage Cem		No.of Sks		Slurry		Cement T	op*	Amount Pulled
2 1/4"	9 5/8"	36	0	<u> </u>	08	Depth	<u> </u>	Type of Ce 200		(BBI	_)		•	
12 1/4		30	<del>                                     </del>	7,	-			200						
8 3/4"	J55 STC 7"	23	0	25	70	-		510					-	
0 3/4		23		30	70			310	10					
6 1/4"	N80 LTC 4 1/2"	11.6	3550	76	65			390						
0 1/4	N80 LTC	11.0	3330	<del>-                                     </del>				390						
24. Tubing							-	<u> </u>	l			l		
Size	Depth Set (I	MD) B	acker Depth (	MD)	Size	Depth Set	(MD)	Packer De	oth (MD)	Sı	ze T	Depth Set	(MD)	Packer Depth (MD)
2-3/8"	7,543	1	acker Bepair	,			()	1	<u> </u>	<u> </u>			(- – )	, , , , , , , , , , , , , , , , , , , ,
	cing Intervals	·				26. Perfoi	ration F	Record						
	Formation		Тор	Во	ottom	Pe	rforated	Interval		Size	1	No Holes	Π	Perf Status
A) B1	anco Mesav	erde	4880			52	84 to	5532		.400		104	ŀ	Open
B)														
C)														
D)														
27. Acid,	Fracture, Treatn	nent, Cem	ent Squeeze	e, Etc.					•				<b>.</b>	
	Depth Interval							Amount and	Type of N	Material			pr	un oug a't i
528	84 to 5532		135,6	575 <b>#</b> 20/	40 Brow	n Sd p	lus 3	8675 BFF.						L CONS. DIV.
													Ul	L Cuitj. Div.
			,	•	· .							• •		DIST. 3
	tion - Interval A				<del></del>									
Date First Produced	Test Date 7/27/11	Hours Tested 24	Test Production	Oil BBL 24	Gas MCF 231	Water BBL 12	Oil G Corr	ravity API	Gas Gravity	Pi	oduction	n Method		
7/23/13	· /-		24				Gas	Oil	Well Stat	tue		F10	ws tr	om well
Choke Size	Tbg. Press Flwg	Csg. Press.	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas Ratio					A.	YED	TED FOR RECORD
64/64		841		24	231	12				PGW		A		
	ction-Interval B	1	T	Lon	Lo	117 :	Lava		C-	<del></del>		- M-d - 1		AUG 0 1 2011
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Corr	ravity API	Gas Gravity		oauctio	n Method	-	
Choke	Tbg, Press	Csg	24	Oıl	Gas	Water	Gas:	Oil	Well Sta	tus		F	HMPA	VICTON FIELD OFFIC
Size	Flwg.	Press	Hr	BBL	MCF	BBL		0		-		8	Y_5	$\mathcal{N}_{}$

	on - Inter						<del> </del>			
Pate First roduced	Test Date	Hours Tested	Test Production	Otl BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
hoke ze	Tbg Pres Flwg SI	ss Csg Press	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	···	
c. Producti	ion-Interv	/al D	·							
ate First oduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
hoke ze	Tbg Pre			Gas MCF	Water BBL	Gas Oil Ratio	Well Status	•		
Dispositi	on of Gas	(Sold,used for	fuel, vented, e	tc)					· · · · · · · · · · · · · · · · · · ·	
). Summai	ry of Porc	ous Zones (Inc	lude Aquifers	):				31 Form	ation (Log) Markers	
	ng depth in	zones of porosit terval tested, cus								
Formati	ion	Тор	Bottom		Descr	intions, Co	ontents, etc.		Name	Тор
		· · · · · · · · · · · · · · · · · · ·				,	• ····			Meas Depth
hacra		4103			tstone					
esavero	de	4880		Coa	1. Sand	istone,	Shale			
ancos S	Shale	5582		Sha	1e					
allup	6612 Siltstone, Shale									
)akota		7402		ļ	dstone,		Coal			
σακυτα		7402		الما	,usconc,	Jilare	, coai			
								i		
										,
								1		
								+		
Addition	nal remar	ks (include plu	igging proced	ure):						
3. Indicate	which ite	ems have bee a	attached by pl	acıng a cl	eck in the	appropriat	e boxes			
Electr	ical/Mecl	hanical Logs (	I full set req'd	1)	Geol	ogic Repo	rt DST Re	port Dire	ctional Survey	
Sundr	y Notice	for plugging a	nd cement ve	rification	<u></u>	re Analysi	is Other			
· · · · · · · · · · · · · · · · · · ·										
I hereby	certify tl	hat the foregoi	ng and attach	ed inform	ation is coi	nplete and	correct as determ	ined from all ava	ailable records (see attache	d instructions)*
	_									
Name (pl	lease prin	u) <u>Bridge</u>	t Helfri	ch			<del></del>	Title <u>Regula</u>	itory Tech.	
		n n	, ,)	. 1	. /					
o: .	e 5	Bridge	t ble	lfru	R		,	Date 7/29/1	1	
Signature	- /	- way	, - 0	عمررو				July 1/23/1	<u> </u>	
Signature				//						

(Form 3160-4, page 2)

(Continued on page 3)

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

	WELL	COMP	LETION O	R REC	OMPLET	ION RE	PORT	AND LO	3		5	Lease Seria		
1a. Type	of Well	/l Oil We	II Gas W	/ell	Dry	Other		····			6			or Tribe Name
	LZ of Completion:	_	New Well		k Over	Deepen		Plug Back	Di:	ff.Resvr,	. L	Jicaril'		
b Type (	or Completion.	Oth					. —				7	Unit or CA	Agreei	ment Name and No.
2. Name o	• .				****						8	Lease Name		
Ener 3 Address	<u>Vest Ópera</u>	ating.	LLC				3a.	Phone No. (	include a	rea code	<del>,  </del>			A No. 8M
1001	Fannin St	Ste 8	00 Hou	ston, 1	Tx 77002	2			495 - 65	537		API Well N. 30 - 03		348-00-C2
	n of Well (Rep	ort locatio	n clearly and	in accord	lance with l	Federal re	equireme	ents)*			10	Field and P	ool, or	Exploratory
At surfa	ce UL B	750'	FNL & 224	0' FEL	Lat 3	6.49236	61 Loi	ng 107.3	81444			J apac Sec., T., R.,		Gallup Block and
At top pr	rod. interval rep	orted belo	w									Survey or A	rea	17, 26N, 05W
At total o	denth										12	. County or F		13. State
14. Date S		15. Dat	e T.D. Reach	ed .		16. Da	ate Com	pleted		<del></del>	17	Rio Arra Elevations		NM RKB, RT, GL)*
•	•						D & A	X	Ready	to Prod.				
	27/11	<u> </u>	6/17/11	DI D	LED	<u></u>		7/22		epth Bri	des Di		565'	GL
18. Total I	TVD	7,0	575 19	Plug Ba	ck T.D.: N	ND VD		524	20. D	epui Bri	age Plu	g Set: IVII		
21. Type E	Electric & Othe	r Mechani	cal Logs Run	(Submit o	copy of eac	h)			1	as well co		X No	= .	Yes (Submit analysis)
Spac D	en/Array C	omp /Tru	o Posis						)	as DST ru rectional		X No	=	Yes (Submit report Yes (Submit copy)
	and Liner Rec			set in well,	)				1 0	rectionar	Jui vey /	[V] 140	Ш_	res (Subinit copy)
Hole Size	Size/Grade	Wt (#ft )	Top (MD)		m (MD)	Stage Cen		No.of Sk	s. &	Slurry		Cement Te	*00	Amount Pulled
12 1/4"	9 5/8"	36	0		08	Deptl	h	Type of C 200		(BBI	ــــــــــــــــــــــــــــــــــــــ		- Another Lands	
<del></del> -	J55 STC				-									
8 3/4"	7"	23	0	35	70			510	)					
	N80 LTC													
6 1/4"	4 1/2"	11.6	3550	76	65			390						
24 T.b	N80 LTC													
24. Tubing								1		1				T
2-3/8"	Depth Set (		acker Depth (N	ID)	Size	Depth Se	t (MD)	Packer De	epth (MD)	Si	ze	Depth Set	(MD)	Packer Depth (MD)
	ing Intervals					26. Perfo	ration R	ecord						
	Formation		Тор	Во	ottom	P	erforated	Interval		Size	]	No Holes Perf Status		
	apacito-Ga	llup	6612			68	98 to	6923	0	.400	Ш.	36		0pen
B)											—	<del> </del>	1	
<u>C)</u> D)				-			-	<del>.</del>			╁	<del></del>		
	Fracture, Treati	ment Cem	ent Saueeze									<del></del>	L	
	Depth Interval	nent, cen	ont oquocze,	Dio.				Amount and	Type of N	/laterial			PΓ	:UD AUG 4'11
689	98 to 6923		30,000	)# 20/4	0 Brown	Sd pl	us 10	71 BFF.						CONS. DIV.
			-											
							14°4° 14° 1							C.ICIU
			-											
	tion - Interval A	_	T4	Tol	Lou	1 37-4	Oil Gr	auitu I	C	l n	- 1 - 4	. N d d	_	
Date First Produced 7/23/11	Test Date 1 7/27/11	Hours Tested 24	Test Production	Oil BBL 29	Gas MCF 289	Water BBL 15	Corr	API	Gas Gravity	l Pi	roduction	n Method Flow	us fr	om_well
Choke	Tbg. Press	Csg.	24	Oil	Gas	Water	Gas		Well Stat	tus		1 10	13_11	OIII WCTT
Size 64/64	Flwg SI 580	Press.	Hr.	BBL 29	MCF 289	BBL 15	Ratio		ŗ	PGW				
	ction-Interval B				, =05		-			w.1		ACC	PTF	D FOR RECORD
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gr Corr	avity API	Gas Gravity	Pi	roduction	n Method	4 /	
		ļ		ļ	<del> </del>	<u> </u>			<u> </u>				AUG	<del>5 0 1 2011</del>
Choke Size	Tbg Press. Flwg	Csg. Press	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas: Ratio		Well Stat	tus		PAM.		
(See instruction	SI or and spaces for add	lutional data or		<u>l</u>	<u> </u>			- APROC	nn-	1		PAHM	INGT	ON FIELD OFFICE

28b. Production	on - Inter	val C										
Date First Produced	Test Hours Date Tested		Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method			
Choke Size	Tbg Pre Flwg. SI	Csg Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status				
28c. Product	tion-Interv	/al D	<u> </u>	·								
Date First Produced			Test Production	Oil BBL	Gas MCF	Water BBL	Oıl Gravity Corr. API	Gas Gravity	Production Method			
Choke Size					Gas MCF	Water BBL	Gas <sup>.</sup> Oıl Ratıo	Well Status				
29 Dispositi	ion of Gas	(Sold,used for	fuel, vented, et	c.)	<u></u>		<u></u>					
Show all	important	zones of poros	clude Aquifers) ty and contents the shion used, time	nereof: Cor				31. Formati	ion (Log) Markers			
Format	tion	Тор	p Bottom		Descri	ptions, Co	ntents, etc.		Name	Тор		
		-	<u> </u>	10.7						Meas.Depth		
Chacra	.	4103			stone		a					
Mesaver		4880			, Sand	stone,	Shale					
Mancos S	Shale	5582		Shal	е							
Gallup		6612		Silt	stone,	Shale						
Dakota		7402		Sano	istone,	Shale,	Coal	i				
20. A.155												
		·	ugging procedu									
_			attached by pla 1 full set req'd)	_		ppropriate gic Report		t Directi	ional Survey			
Sundr	y Notice	for plugging a	nd cement veri	fication	Сог	e Analysis	Other:					
34. I hereby	certify th	at the forego	ng and attached	informat	ion is com	plete and	correct as determine	d from all avail	able records (see attached i	nstructions)*		
Name (pl			et Helfric				Tıtl	e <u>Regulat</u>	ory Tech.			
Signature	e	Bridge	t Glel	frica	h		Dat	e 7/29/11				
T. 10 110		1001 1.77		Section 1		•.			10.11			

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.

. 7

(Continued on page 3)