Form 3160-5 (March 2012)

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

RECEIVED

FORM APPROVED OMB No. 1004-0137

FEB 28 2014 5. Lease Serial No.

Expires: October 31, 2014

SUNDRY N Do not use this t abandoned well.	6 If Indian, Allottee o	6. If Indian, Allottee or Tribe Name				
SUBMI	7. If Unit of CA/Agree	7. If Unit of CA/Agreement, Name and/or No.				
1. Type of Well			9 W-11 N 4 N			
Oil Well Gas W	Vell Other		8. Well Name and No. Tribal 05 #9			
Name of Operator EnerVest Operating, L.L.C.			9. API Well No. 30-039-29515			
3a. Address 1001 Fannin Street, Suite 800 Houston, TX 77002	3b. Phone No 713-659-350	10. Field and Pool or E Wild Horse Gallup	10. Field and Pool or Exploratory Area Wild Horse Gallup			
4. Location of Well <i>(Footage, Sec., T.,</i> 1970' FSL & 660' FEL (UL I) Sec. 05 T26N R03W	R.,M., or Survey Description)		11. County or Parish, S Rio Arriba County, N			
12. CHEC	CK THE APPROPRIATE BOX(ES) TO INI	DICATE NATURE OF N	OTICE, REPORT OR OTHI	ER DATA		
TYPE OF SUBMISSION		TYPE OF	ACTION			
Notice of Intent	Acidize Deep	ture Treat	Production (Start/Resume) Reclamation	Water Shut-Off Well Integrity		
✓ Subsequent Report	Casing Repair New	Construction	Recomplete	✓ Other		
Final Abandonment Notice		_	Temporarily Abandon Water Disposal	Record Cleanup		
the proposal is to deepen directions. Attach the Bond under which the variable following completion of the involvatesting has been completed. Final determined that the site is ready for the strength of the site is ready for the strength of the strength o	peration: Clearly state all pertinent details, is ally or recomplete horizontally, give subsurf work will be performed or provide the Bond red operations. If the operation results in a rAbandonment Notices must be filed only after final inspection.) en over operatorship of this well effective depth of 2770'. TOC @ 2810' (according gle producer. NOI was submitted by Not y, shows the well was returned to produce that the production is from the Gallup escribes the work Noble had proposed to the production of the producer of the true and accurate to the best of our known that the production is from the Gallup escribes the work Noble had proposed to the production in the production is from the Gallup escribes the work Noble had proposed to the production in the production is from the Gallup escribes the work Noble had proposed to the production in the production in the production is from the Gallup escribes the work Noble had proposed to the production in the production is from the Gallup escribes the work Noble had proposed to the production in the production is from the Gallup escribes the work Noble had proposed to the production in the production is from the Gallup escribes the work Noble had proposed to the production in the production is from the Gallup escribes the work Noble had proposed to the production in the production is from the Gallup escribes the work Noble had proposed to the production in the prod	ace locations and measur No. on file with BLM/BI nultiple completion or receiver all requirements, inclured to CBL in NMOCD on the Energy Inc. to perfoction. EV has been unally formation for which Note to squeeze the Dakota and sation with the field forestowledge.	red and true vertical depths of A. Required subsequent reprompletion in a new interval, ading reclamation, have been used rig report dated 1/10/2 line log file dated 12/16/20 wrate and complete the Galble to locate rig reports for oble had proposed a work and Mesaverde perfs and a seman formely with Noble a	f all pertinent markers and zones, orts must be filed within 30 days, a Form 3160-4 must be filed once completed and the operator has 2006 shows the 4 1/2" casing was 2005). Illup formation on 2/05/2010. A the work performed over the over of the well. Please see the add perforations in the Gallup		
14. I hereby certify that the foregoing is to	rue and correct. Name (Printed/Typed)	1				
Bart Treviño		Title Regulatory Ana	alyst			
Signature		Date 02/24/2014				
	THIS SPACE FOR FEDE	RAL OR STATE	OFFICE USE	ACCEPTED FOR RECORD		
Approved by		Title		MAR 0 6 2014		
Conditions of approval, if any, are attached that the applicant holds legal or equitable t entitle the applicant to conduct operations	 Approval of this notice does not warrant or itle to those rights in the subject lease which w thereon. 	certify ould Office	F. B	ARMINGTON FIELD OFFICE		

(Instructions on page 2)

fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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,

Patina San Juan, Inc.

Lease Name & Well Number Tribal 05 #09			er		rt date: rt time:		Purpo	se:	Origin	al Completic	n	Operation Type Completion X
		#: 05	DC5007	, , , , , ,	KB:	Zone	- 1	Mesa '	Verde / Dako	ıta	Recompletion Workover	
		-/			, L							
Supervi		Stills	F	Formation: Pt. Lookout					For	nation:		Dakota
Phon		36-4070										·
ra	x #:		Perf	e.		5942-6064			Perfs:		802	1-8196
Plug Back	Denth:	8,195	"	3.		3342-3004			rens.		002	1-0130
	Depth:	0,100										
SITP:			7	ing Dotos								
SITP: @ Tubing Data: Casing Data:												
Last 24 Hour Activity Summary												
Set CIBP a	Set CIBP above the M V perfs. Cut the 4 1/2" casing at 2770 ft. ND - NU. POOH - LD 4 1/2" casing. SWIFN											
The state of the s	en europe de la companya de la comp				Last	24 Hour Ac	tivity	Detai	il	and the second s		The second secon
Tiı	me	Elapse	d				· · · · · · · · · · · · · · · · · · ·	Dea	intic-	Description of the second of t		
From	То	Time						Descri	ipuon	•		
8:00	10:30	2:30				CIBP at 5815 ft						
						utes. RU a 4 1		nical cu	utter. RIF	I and cut the	casing	at 2770 ft.
40.00	10.00	100	~			lar). RD wirelin			2 1:			1 11
10:30	12:00	1:30				spear, latch into			-			
						4 1/2". Change				ibing nead ai	na BOP	. RU floor, tongs,etc.
12:00	15:00	3:00				ators on the the				would not la	tch). V	/ait on another
12.00	10.00	0.00_		elevators			2	aonig.	(0.010.00	7 110 414 110 110		
15:00	17:00	2:00				ng. (LD a total o	of 69 jts	of good	d casing).	Drain equip	ment.	
			SWIF	N								
			+-							···		
			1							· ·		
			+									
<u> </u> 	Total hours:	9:00	+									
	. 5.0. 110010.	0.00	eannana ann Asa		manus and a	A - A-	•	entraction of the	sanakus engloses		44.3849.42;	
						Comme	nts	· · · · · · · · · · · · · · · · · · ·		Control Control Control		
												!
					Р	rojected 24	l Hour	'S				
						Costs			tradesacriftante la c		····	
Dally Cost Total Operation Cost AFE Operation Cost Total Well Cost AFE Total Cost								AFE Total Cost				

Form 3160-5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OM B No 1004-0137 Expires: March 31, 2007

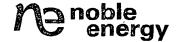
(··p··· 200 ·)	DEPARTMENT OF TH		R	musion Field	O STORY	Expires: March 31, 2007			
CUMPD	BUREAU OF LAND MA				Eease S	enal No.			
	NOTICES AND RE					RILLA CONTRACT #97 ian, Allottee or Tribe Name			
	this form for proposals vell. Use Form 3160-3					RILLA APACHE TRIBE			
SUBMIT IN TR	RIPLICATE- Other ins	tructions o	n rever	se side.		or CA/Agreement, Name and/or No			
1. Type of Well Oil Well	Goo Well Debox				-				
	Gas Well Other					Name and No. BAL 05 #0 9			
2 Name of Operator NOBLE I	ENERGY, INC.				9. API V				
3a Address 5802 US HIGHWAY 64 FAR	MINGTON, NM 87402	3b Phone No. 505-632-8		area code)		30-039-295\$5 10. Field and Pool, or Exploratory Area			
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description)				Basin	Dakota/Blanco MesaVerde			
2110' FAL, 1975' FEL G Sec 5 - T26N - R3W						y or Parish, State ARRIBA CTY, NEW MEXICO			
12. CHECK A	PPROPRIATE BOX(ES) TO	INDICATE	NATUR	E OF NOTICE. I	REPORT O	PR OTHER DATA			
TYPE OF SUBMISSION	1			E OF ACTION	aroki, c	A OTTER BATTA			
111E OF BODIVEDOON	Acıdıze		- 111						
✓ Notice of Intent	Alter Casing	Deepen Fracture Tra	r eat	Production (St	art/Resume)	Water Shut-Off Well Integrity			
Subsequent Report	Casing Repair	New Const		Recomplete		Other WORK OVER TO			
	Change Plans	Plug and A	bandon	Temporarily A	bandon	P&A MV/DK, ADD			
Funal Abandonment Notice	Convert to Injection	Plug Back		Water Disposal		GALLUP			
testing has been completed. Fit determined that the site is ready	nal Abandonment Notices shall be	filed only after a	ll requirem	ents, including reclar	nation, have be	al, a Form 3160-4 shall be filed once en completed, and the operator has PRODUCTION ZONE AND			
CEMENT OVER THE M	ESA VERDE AND DAKOTA	FORMATION	NS.						
						0 COMMUNICATION FROM			
STEVE MASON TO PLU	G AND ABANDON OR RET	URN THE SUI	BJECT W	ELL TO PRODU	CTION.				
PROCEDURE IS ATT	TACHED.					RCVD FEB 17'1(
						OIL CONS. DIV.			
						DIST. 3			
14. I hereby certify that the foreg Name (Printed/Typed)	going is true and correct								
Name (Printed/Typed) BILLIE MAEZ	~	\-	Title DIS	TRICT MANAGE	R				
Signature Signature	mae		Date	0:	2/05/2010				
	THIS SPACE FOR	EDERAL	OR ST	ATE OFFICE	USE				
Approved by Original Si	igned: Stephen Mason		Titl	e	r	Date FEB 1 6 2010			
Conditions of approval, if any, are a certify that the applicant holds legal which would entitle the applicant to	or equitable title to those rights in			ce					

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.

(Instructions on page 2)



HOLD CTOA FOR C102 Gor Basin Mances



To: Billie Maez, Farmington

From: Melanie Peterson, Denver

Date: December 29, 2009

Subject: Workover to initiate production within the Gallup Formation and plug Mesa Verde and Dakota.

Tribal 5-9 Sec 5 T26N R3W, S2 NE SE Rio Arriba County, NM Jicarilla Field

API#: 30-039-29515 WI: pending land% NRI: pending land%

Current Production: 0 MCFPD (DK) 0 MCFPD (MV)

Target Production: 100 MCF (GP) Success Probability: Moderate to High

Well History

Patina San Juan, Inc drilled and completed the Tribal 5-9 as a Basin Dakota and Mesa Verde Member (Point Lookout Formation) producer during December of 2005. Completions were performed in January of 2006. Initial production of the commingled formations was 3369 MCF for February of 2006 and the well drastically declined thereafter. Cumulative production from the Dakota and Mesa Verde combined has been .014 BCF of natural gas and 197 bbls of oil to date.

In June of 2007 a bridge plug was placed between the Dakota and Mesa Verde in an attempt to determine which zone was water saturated. I was unable to locate what the well response was for this test, however there has been little to no production since November of 2006.

If both formations are water saturated then it is recommended to plug the Dakota, squeeze the Point Lookout and perf/frac the Gallup formation. Nearby Gallup production gives economic incentive to pursue the formation. Economics were run using the nearby down slope well of Tribal C4E showing that there is a potential rate of return of 34% after taxes.

There is a qualitative difference shown in the cased logs that indicate a change in the fluids for the Gallup interval. HC are the likely culprit for this change. The Gallup interval is likely to be a combination of oil and gas. In theory, since Tribal 5-9 is upslope from the Tribal C4E it is likely to have better production than that well. The Tribal C4E had a cumulative of 0.155 BCF natural gas and 3,017 BBLs of oil.



PRELIMINARY WORKOVER PROCEDURE Tribal 5-9

Plug and Abandon the Mesa Verde and Dakota Formations - Perforate and Frac Gallup

- 1. Install and test rig anchors.Comply with all NMOCD, BLM, & Noble Energy's safety rules and regulations.
- 2. MIRU workover rig.
- 3. TOH w/ any production equipment currently in wellbore.
- 4. RU wireline and set cement retainer above Dakota perforations. 27975
- 5. Sting into retainer and plug Dakota interval with appropriate amount of Class B cement.
- 6. Sting out of retainer, pump remaining cement on top of retainer. Circulate tubing clean. TOH. 100
- 7. RIH w/ appropriately sized CIBP. Set above cement retainer. TOH.
- 8. RU wireline and RIH w/ drillable BP, set below Mesa Verde perforations. Dump bail 2 sx cement on top of BP.
- 9. TIH w/ packer to below Mesa Verde formations and pressure test BP to 2000 psi.
- 10. Release packer and reset above Mesa Verde perforations.
- 11. Squeeze Mesa Verde perforations with appropriate amount of Class B cement.
- 12. After cement has cured, drill out cement and BP, circulate hole to prep for perf and frac.
- Perforate Gallup intervals as shown below:

Тор		Bottom	Thick ness
	7180	7190	10
	7215	7224	9
	7232	7237	5
	7277	. 7280	3
	7309	7336	27
	7514	7517	3
	7519	7523	4
	7525	7530	5
	7532	7541	9
	7543	7548	5

- 14. Frac Gallup w/ 170,000# 20/40 white sand in a 70Q Nitrogen foam fluid.
- 15. After flowback, put Tribal 5-9 back on production as a Gallup producer.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No 1004-0137
Expires March 31, 2007

	ï	5 Lease Senal No										
	SUNDRY	JICARILLA CONTRACT 97										
	Do not use th	6 If Indian. Allonee or Tribe Name										
	abandoned w	JICAR	LLA APACHE TRIBE									
	SUBMITINTR	7 If Unit or CA/Agreement. Name and/or No.										
<u></u>	Oil Well 🗆 🗸	☐ Gas Well □ ☐ Other	KE		8 Well Name and No.							
	2 Name of Operator NOBLE ENI	ERGY, INC.		R 15 2010	TRIBAL 05 #09 9 API Well No.							
	3a Address 5802 US HIGHWAY 64 FAR	MINGTON, NM 87401	3b Phone No (incluidad) 505-632-8056 09	de areu code)	30-0~39-29515 10. Field and Pool, or Exploratory Area							
	4 Location of Well (Foolage, Sec.,	T. R., M., or Survey Description)	E Gill billed	Name of the Party	BlancoMV/Basin Dk/Tapacito PC							
	1970' FSL AND 660' FEL				11. County or Parish. State							
	"I" Sec. 05-T26N-R3W NMF	PM			RIO A	RRIBA CTY, NEW MEXICO						
	12. CHECK AI	PPROPRIATE BOX(ES) TO	INDICATE NATU	IRE OF NOTICE. R.	EPORT. O	ROTHER DATA						
	TYPE OF SUBMISSION	YPE OF ACTION										
	Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production (Sta	Well Integrity Other WELL BACK ON							
	Subsequent Report	Casing Repair	New Construction	p								
	Final Abandonment Notice	Change Plans	Plug and Abandon	Temporarily Ab								
		Convert to Injection	Plug Back									
KR.	If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)											
	NOBLE ENERGY, INC.	RESPECTFULLY MAKES N	OTIFICATION OF	THE RETURN TO PE	RODUCTION OF THE SUBJECT WELL ON							
	MARCH 2, 2010 AND W	MARCH 2, 2010 AND WILL BE REPORTED ON THE C-115 IN THE MARCH, 2010 REPORTING SUBMISSION.										
	THIS IS ALSO A RESPO	NSE TO THE 3-4-10 INACTI	R THE STATE OF N	EW MEXIC	O (NMOCD). A COPY IS							
	ATTACHED.											
						ROVD MAR 18'10						
						OIL CONS. DIV.						
	•					DIST. 3						
	14 Thereby certify that the fore	going is true and correct										
	Name (Printed/Typed) JEAN M. MUSI		Title	REGULATORY COM	MPLIANCE							
	Ah				03/09/2010							
	Signature	THIS SPACE FOR	Date Date									
		INIO SPACE FOR	PEDERAL OR	STATE OFFICE	USE							
	Approved by			Title		Date						
	Conditions of approval, if any, are											
	certify that the applicant holds lega		in ine subject lease	Office								

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 of agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

NMOCD W

MAR 1 6 2010

FY. PARAMETON PRELDOFFICE

ום	Istrict	API 3 30-245-32771			OCD Unit D		Operator) NCBLE ENERGY INC	Lease Type £	Well Type G	Last Production	Formation/Notes ag-98 INT TO PSA APPYD 2-9-10 / BLM	Status	TA Exp Date
		3 76-745-76049	00# 21V4C	G-5 -26N-08VV	G	\$3465	NOSLE ENERGY INC	=	S	No	80-va		
		3 20-045-30052	EL DORADO =001	K-13-31N-12W	٨	23455	NCBLE EYERG / INC	N	S	M:	APP OF FLO 344 APP O 2-9-10 , BLM		
	:	3 30-039-21810	IICARILLA 3 ≠001A	2-26-26N-04W	2	234556	NCBLE ENERGY INC	t	3	A	vn.: CON4JE 80-nu		
		30-045-11081	LANCAUER =001	H-3 -31N-12W	.н	23455	NOBLE ENERGY	·	g_	2:	ec-1 <u>7</u>		
	;	3 30-045-24322	RIC BRAVO #001	3-27-31N-13W	a .	234550	NOBLE ENERGY INC	3	G	N	07-07 INT TO PSA APPI/O 2/23/2010		
	;	3 70-045-24148	SENTER #001M	1-24-31N-13W	:	23455	NCBLE ENEPGY	F	G	c	Oct-08		
	:	3 16-739-29228	TRIBAL 05 #C01	26N-03W	A	22455	NOBLE ENERGY INC	1	G	. N	ov-08 BASIN DK/BLANCI MV)	
	:	3 30-039-29515	TRIBAL 05 #009	1-5 -25N-03W	1	23455	NOBLE ENERGY	J	G	S	en-08 TAPACITO		

Elevation: 7104' GR Location: 1970' FSL, 660' FEL, NESE Sec 5, T26N, R3W. Rio Arriba County, NM 9-5/8" 36# J55 STC @ 329' in 13.5" OH Cement w/ 237 sx, circ to surface (22 bbls) Field: Tapacito Pictured Cliffs / Basin Dakota / Blanco Mesa Verde API #: 30-039-29515 Spud Date: November 21, 2005 Chemical cut 4 1/2" casing @ 2770' TOC on 4-1/2" csg @ 2810' by CBL Formation Tops: Ojo Alamo - 1700' Fruitland Coal - 2370' Pictured Cliffs - 3520' 7" 23# N-80 LTC set @ 4080' in 8-3/4" OH Cliffhouse - 5560' Cement 1st STG w/ 179 sx DV Tool @ 3110' Menefee - 5670' Cement 2nd STG w/ 164 sx, under displ by 7 bbi Point Lookout/MV - 5940' Gallup - 7510' (left 7 bbl cmt on top of DV, tagged @ 2644') Greenhorn - 7908' Graneros - 7974' Dakota - 8112' Point Lookout/Mesa Verde perfs (5942'-6064' gross) - SQZ TD - 8400' Squeezed and plugged with sx of B cement CURRENT Gallup perfs: (7180'-90', 7215'-24', 7232'-37', 7277'-80', 7309'-36') (7514'-17', 7519'-23', 7525'-30', 7532'-41', 7543'-48') CIBP set above Cement Retainer Cement Retainer @ +/- 7960' w/ 5 sx cmt on top Dakota perfs (8024'-8196' gross) - SQZ Squeezed and plugged with __sx of B cement 4 1/2" 11.6# N80 LTC set @ 8200' in 6-1/4" OH (mag marker @ 7845')