Form 3160-5 (August 2007)

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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD	Hobbs	
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FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

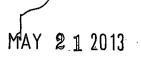
	UREAU OF LAND MANAGEN				July 31, 2010
	NOTICES AND REPORTS			Lease Serial No. NMNM56263	
Do not use the abandoned we	is form for proposals to dril II. Use form 3160-3 (APD) fo	or such proposals.	<u>^n</u>	6. If Indian, Allottee o	r Tribe Name
SUBMIT IN TRI	7. If Unit or CA/Agree	ement, Name and/or No.			
		MAY 13			
 Type of Well Gas Well Oth 	8. Well Name and No. CODORNIZ 28 FEDERAL 2				
2. Name of Operator CHEVRON U.S.A. INC.	Contact: DEN E-Mail: leakejd@chevro	NISE PINKERTON on.com RECEL	VED	9. API Well No. 30-025-36196	/
3a. Address 15 SMITH ROAD MIDLAND, TX 79705		Phone No. (include area code 1: 432-687-7375		10. Field and Pool, or QUAIL RIDGE;	Exploratory MORROW
4. Location of Well (Footage, Sec., 7	., R., M., or Survey Description)/			11. County or Parish,	and State
Sec 28 T19S R34E Mer NMP	1980FSL 660FWL			LEA COUNTY,	NM /
12. CHECK APPI	ROPRIATE BOX(ES) TO IN	DICATE NATURE OF	NOTICE, R	EPORT, OR OTHE	R DATA
TYPE OF SUBMISSION		ТҮРЕ О	F ACTION		
Notice of Intent	Acidize	□ Deepen	☐ Product	ion (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclam	ation	Well Integrity
☐ Subsequent Report	□ Casing Repair	■ New Construction	Recomp	olete	Other
☐ Final Abandonment Notice	☐ Change Plans	Plug and Abandon		rarily Abandon	
	☐ Convert to Injection	Plug Back	☐ Water I	Disposal	
13. Describe Proposed or Completed Op- If the proposal is to deepen direction: Attach the Bond under which the wo following completion of the involved testing has been completed. Final Al determined that the site is ready for f	ally or recomplete horizontally, give rk will be performed or provide the I I operations. If the operation results pandonment Notices shall be filed or	subsurface locations and measi Bond No. on file with BLM/BI/ in a multiple completion or rec	ured and true vo A. Required su ompletion in a	ertical depths of all pertir bsequent reports shall be new interval, a Form 316	nent markers and zones. filed within 30 days 0-4 shall be filed once
CHEVRON U.S.A. IS REQUE BASED ON THE UPHOLE PO WELL'S ORIGINAL DRILLING OPPORTUNITIES OR CONV DECEMBER, 2008, THE WEL	OTENTIAL IN THE DELAWAF S APPLICATION, CHEVRON ERT THIS WELL TO A SWD.	RE, BONE SPRING, & W REQUESTS TA STATUS THE CURRENT STATU	OLFCAMP Z S TO FULLY	EVALUATE THE R	ECOMPLETION
INTENDED PROCEDURE: POH w/2 7/8" tbg standing ba & TIH w/5-1/2" scrapper & bit set @ 13,278). Spot cmt on to witness-the-MIT. Monitor challfuld for future wellbore re-entr	to 13,300' & verify csq is clea	n to that depth. TIH w/5 ⁻	1/2" CIBP &		ACHED FOR S OF APPROVA
14. I hereby certify that the foregoing is	true and correct.				
	Electronic Submission #2024	43 verified by the BLM We	II Information	n System	

14. I hereby certify	that the foregoing is true and correct. Electronic Submission #202443 verifie For CHEVRON U.S.A. I	d by the NC., se	BLM W	ell info	ormation S	ystem			
Name (Printed/T	yped) DENISE PINKERTON	Title	REGL	JLATO	RY SPEC	IALIST	**		
Signature	(Electronic Submission)	Date	03/25	/2013				1	•
	THIS SPACE FOR FEDERA	AL OR	STAT	OFF	ICA PSE	RUVEL			
Approved By	My Stable	Title			MAY	- 8 2013		Date	
certify that the applica	al, if any, are attached. Approval of this notice does not warrant or antifolds legal or equitable title to those paths in the subject lease ne applicant to conduct operations thereon.	Office	:		MAI	- 0 2010			
Title 18 U.S.C. Section States any false, fict	on 1001 and Title 47 U.S.C. Section 772, make its crime for any printious or fraudulent statements of for present unaches to any matter.	essen kno vittiin its	wingly a urisdictic	nd willf	uleares By	LAND WANAG	or agency	of the United	

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

SUBJECT TO LIKE APPROVAL BY STATE





Additional data for EC transaction #202443 that would not fit on the form

32. Additional remarks, continued

FIND ATTACHED, THE WELLBORE DIAGRAM.

CODORNIZ 28 FED #2:

CODORNI	Z 28 FEDERAL #2 (gas well)		
Status	Active (Last produced 7/1/2010)	Top (ft)	Bottom (ft)
Current Zone	Morrow (Gas)	13296	13410
Isolated Zone (CIBP)	Morrow (Gas)	13553	13558
	Delaware (oil)	5746	-
	Bone Spring (oil)	8151	-
Future Zones (data from well log)	Wolfcamp (oil)	10759	-
Future Zones (data from well log)	Strawn (gas)	12221	-
	Atoka (gas)	12506	-
	TD	13751	-
TA Status Justification	Based on the uphole pote Bone Spring and Wolfcamp Codorniz 28 Fed #2 origina Chevron requests TA statu recompletion opportunities a SWE	zones ind al drilling a s to fully e or conver	icated in the application, evaluate the

Current Wellbore Schematic

WELL (PN): CODORNIZ 28 FEDERAL 2(CVX) (890781)
FIELD OFFICE: HOBBS
FIELD: QUAIL RIDGE MORROW
STATE / COUNTY: NEW MEXICO / LEA
LOCATION: SEC 28-19 S-34E, 1980 FSL & 660 FWL
ROUTE: HOB-NM-ROUTE 04- CONTRACT
ELEVATION: GL: 3,691.0 KB: 3,712.0 KB Height: 21.0
DEPTHS: TD: 13,751.0

Chrsapcake

API #: 3002536196
Serial #:
SPUD DATE: 7/6/2003
RIG RELEASE: 9/9/2003
1ST SALES OLL
Current Status: SHUTIN

	Ong na Hole	, 3/21/2013 2:44:31 FM	Surface C	asing;	Set @	515.01	tKB*	; Origina	il Hole			
ИĎ			So Teraconi)cosi		W	re !/eths		C2 72 324			Denth Cat 7/	parties.
B)	Vertic	al schematic (actual)		7 1		Drift		<u> </u>	Top		-!	
-4			Item Des	OD (m)	ID (in)		Wt (Ib	(ft) Grade	Thread	Top (ft	KB) Btm (ft	KB) Len (fi
L	and the second of the second second second	Casing Joints; 21.0- 	-		12.715			00 H-40	STAC			4.0 453.
		12.715; 1-1	Float Shoe	13 3/8		†		-	-	5	4.3 5	5,0 1.0
٠.		Float Shoe; 514.0-	Intermedia	ste Cas	ina. s	et @ 5	284 (HKB .	Origins	1 Hole	2,1 1007 0140	Name of the
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k:#* .		DVTool, 3,491.0-	Itêm Des	OD (in)		(in)				Top (ft	KB) Btm (ft	
		3,494.0;3.00,85.5;2-2		858	7.921	7,796	32.	OD J-55	ST&C	****************	3,49	
		Casing Joints; 3,494.0-	DV Tool	8 5/8	··.						3.49	
		3.965.0:471.00, 85/8; 7.921; 2-3	Casing	858	7.921	7.756		00 J-55	ST&C	200001-1200	3,98 3,98	
-	~~~~	Casing Joints: 3,9550	Casing	8 5/8	7.921	7.796	32.	00 K-55	ST&C	3,96	5.0 5.29	0.0 1,315.
		/5.280.0:1,315.00, E	FREESTOR	858						5,28	50.0 5.28	1.
		5/5:7.923: 2-4	Productio	n Casi	na: Se	1 60 13	.751.0	HKB : (Origina	il Hole	kolansk politi	Checks w. Chm.
*•		Casing Joints; 21.0-	Se ferman Japan			Le ∵agr		24.24.380			300 Tu 22	ংক ্
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		5,281.0; 1.00; 85/8; 2-5	Item Des	OD (m)		(in)		√ft) Grade	Thread		KB) Btm (fi	
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		DVTool; 10,496.0-	DV Tool	5.1/2		<u> </u>				10,45		
				5 1/2	4.592	4.767	37.	30 LS-	LT&C	12,45		
-		Casing Joints; #0,4990	Float Shoe	5 1/2	<u> </u>	<u></u>			L	:3,74	0.0 13,75	55,0 1.
	91114	13.750.0:3.251.00.5			Jasing C	ement						
••		1/2, 4.692, 3-3	21.0-515.0)								
- 1	- 4 14		Top of Cemi	ent (ftKB)	21.0	1	Гор Ма	easuremen	t Method	l;		
~~			11	Pump		Amoun	1				Vol Pumper	d Yield
		•	Fluid		e	(sacks		Class	Dens ((bbl)	(ft7sack)
_	A M		Lead	7/6/200			230 C		!	14.51		\$ /
_	.91 19	_	Tail	7/6/200			233 C		<u> </u>	14.50		1.
		Perf; \$3,295,0-\$3,304.0	Description:	Intermed	iste Cas	ing Cen	en					
		10/24/2008	3,550.0-5,2	281.0								
		K	Top of Ceme	ent (ftKB)	3,550.0) 1	Гор Ма	easuremen	t Method	i:Volum	e Calculation	rs,
		Perf; 13,328,0-13,334,0		Pump	Start	Amoun					Vol Pumper	d Yield
		10/24/2008	FILL	Dæt	_	(sacks		Class	Dens ((bbl)	(ftfsack)
~•	'治 狠		Leaf	7/23/20			450 C			12.40		2.
	4 1	_	Tail	7/23/20	03	:	200 C			14.50		1.1
-		Perf: 13,356.0-13,350.0	21.0-3,494	.0								
		10/8/2003	Top of Ceme	ent (ftKB):	21.0	7	ГорМа	easuremen	t Method	i:		
				Pump		Amoun			· · · · ·		Vol Pumpeo	1 Yield
		makan ang atau	Fluid	Dat		(sacks)	Class	Dens (b/gal)	(bbl)	(ft/5ack)
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-	иг 1.1	p :wazvw	Ta∄	7/23/200	1		550 C			12,40		2,
	"## IF4		Tail	7/23/20/	03		100 C		<u></u>	14.80		1.
							_					
			Description:		n Casin	g Cemen	4					
	X			Productio	n Casin	g Cemen	4					
	X		Description:	Productio 3,751.0		_		easuremen	t Method	l:		
	X	B	Description: 10,499.0-1 Top of Ceme	Productio 3,751.0	10,499	_	Гор Ма	easuremen	t Method	l: T	Vol Pumpeo	t Vield
	X	Perf; 13,553.0-13,558.0	Description: 10,499.0-1 Top of Ceme	Productio 3,751.0 ent (ftKB)	:10,499 Stat	- .0 1	Γορ Μι	easuremen Class	t Method		Vol Pumper (bbl)	Yield (ft/sack)
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			Description: 10,499.0-1 Top of Ceme Fluid	Production 3,751.0 ent (ftKB) Pump Dat 10/2/20	: 10,499 Start e	O 1 Amoun (sacks	Γορ Μ ε 1)	Class		(lb/gal)		(fi7sack)
	X [Description: 10,499.0-1 Top of Ceme Fluid 21.0-10,49	Production 3,751.0 ent (ftKB). Pump Dat 10:2:20	:10,499 Start e 03	O 1 Amoun (sacks	Гор Ма t) ЭЭЭ Н	Class	Dens ((b/gal) 14.20		(fi7sack)
	X [10/1/2003	Description: 10,499.0-1 Top of Ceme Fluid	Production 3,751.0 ent (ftKB)	10,499 Start e 03	O] Amount {sacks	Гор Ма } ЭЭЭ Н	Class	Dens ((b/gal) 14.20	(bbl)	(fr/sack)
THE STATE OF THE S	X	(0/3/2003 Float Shoe; 13,750,0-	Description: 10,499.0-1 Top of Ceme Fluid 21.0-10,49 Top of Ceme	Production 3,751.0 ent (ftKB) Pump Dat 10/2/20 9.0 ent (ftKB) Pump	10,499 Start e 03	Amount (sacks	Top Ma)))))))) H	Class	Dens ((lb/gal) 14.20	(bbl) Vol Pumpeo	(fifsack)
		10/1/2003	Description: 10,499.0-1 Top of Ceme Fluid 21.0-10,49	Production 3,751.0 ent (ftKB)	10,499 Start e 03 21.0 Start	Amount (sacks	Top Ma)))))))) H	Class easuremen Class	Dens ((lb/gal) 14.20	(bbl)	(fr/sack)

Current Wellbore Schematic

WELL (PN): CODORNIZ 28 FEDERAL 2(CVX) (890781)
FIELD OFFICE: HOBBS
FIELD: QUAIL RIDGE MORROW
STATE / COUNTY: NEW MEXICO / LEA
LOCATION: SEC 28-195-34E, 1980 FSL & 660 FWL
ROUTE: HOB-NM-ROUTE 04- CONTRACT
ELEVATION: GL: 3,691.0 KB: 3,712.0 KB Height: 21.0
DFPTHS: TD: 13.751.0

Christopeace
API #: 3002536196
Serial #:
SPUD DATE: 7/6/2003
RIG RELEA SE: 9/9/2003
1ST SALES GAS: 10/16/2003
1ST SALES GAS: 10/16/2003

·	Original Hole, 3	/21/2013 2:44:13 FM	Tubing S	tring: Tu	bing .	Produ	uction		10 L		The state of the s	- Tyrnin a stagek 1910 tali. sasisti 19ant C	etga.
1D tK				Netwe Driginal			1	9:2005	1	7/2012	معد دو بت	Sept. C	_ P.J
3)	Vertical	schematic (actua). Casing Joints: 21.0-	tem	Des	OD (in)	ID (in)	Onft (in)	Wt (Ib/ft)	Grade	Top (ftKB)	Bim (ftKB)	Len (ft)	J
~·}		514.0; 493.00; 133/5;			27/5						13,211.0		
		Float Shoe: 514.0-	Packer Perforat	ione	2 7/8	24W		4 2 4 4		18,21.0	13,214.0	3.00	1
1		515.0; 1.00; 133/8; 1-2 Casing Joints; 21.0	i Cilvia	T		#w		<u> </u>	1		Shot		
		-3,451.0:3,470.00; 8 5.5; 7.521; 2-1			_					<u>.</u>	Dens (shots/f		_
		DVTool; 3,491.0- 3,494.0; 3.00; 85/5; 2-2	Date 10/24/2003	MORRO	Zor				KB):::::: 96.0	Btm (ftKB) 13,304		Current 9	Hatu
~ [Casing Joints; 3,454.0-	10/24/2003						28.0	13,334.			
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		Casing Joints; 3,955.0-	10/8/2003 10/1/2003	MORRO					05.0 53.0	13,410. 13,55\$.			
-		5,280.0; 1,315.00; 8 5,8;7,921; 2-4	Stimula						33.0	*3,333.	0 7.0 (*** 7.5		
~		Casing Joints; 21.0-	≪Zone/Fo			********		~~~	Anidi	er E	22 <i>1</i> 200E		<u> </u>
		10,496,0; 10,475,00; 5 1/2; 4,892; 3-1	A'RE TODY DIEC SA	Ser Sim De 🗀	72 C	320 A.J	Trest 27	TO Trees /	75 Jan	(E 2 (20) 5	ZJI ZUUD	<u> </u>	
	4111	Float Shoa; 5,280.0- 5,251.0; 1,00; 85,8; 2-5	13,296.0	3,334.0	A	62	7,720.0) :	3.60	3,583.0			
~			≪Zone/Fo	mation	?, <	Stage	Numb	er?>,	Acidi	zing, 6/	19/2005		·
· -	ALIA	DVTool; 10,496,0- -10,499,0:3,00:51/2:3-	13,236.0	13,334,0	4	62	32 44 P3.				J.: 14-1.		
		2	≪Zone/Fo	rmation	?>, <	Stage	Numb	er?>,	Sand	Frac, 10	0/14/200	3	
		Casing Joints; 10,4990- 13,750.0; 3,251.00; 5	13,356 C	13,410.0	31	3 oc 1	0.500.0	5 TAGE.	3.40	7,425.0	TOTAL		
		1/2; 4.592; 3-3		Size	1		pe .			Amount	. 1	Conc (b/g	al)
	# #		20/40	21.50 (20.11)		n Sano		*	-7		>>>.5[
	A N		≪Zone/Fo	mation	/>, <. *e= 04	Stage	Numb	er?>,	Acidi	zing, 10	/11/2003		
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_		10/24/2003	13,553.0	3,555.0	4	62	50000.0 8,000.0	C ∓ress. /	3.00	7,530.0	atines.		
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~		Perf; 13,328.0-13,334.0;		Type 1		pe 2				Co	m		
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_]	.4 4.		10/8/2003							73406-10		<u>u. </u>	
	101 101-	Perf; 13,356,0-13,380.0; 10/8/2003	10/11/2003	Schemato	Note		ACDZ	w. 4000	ga: 7.5	5 HCi			
**		141445443	10/14/2003				FRAC	w/ 318 t	bi 700	Binary foa	m & 3E300	# 20:40 sd	
-		Dad to the nice since	10/24/2003 6/19/2005	Schemato						3 : 3325 -3 33 aai 7 5 a		f. 5%methano	8
		Perf; 13,406,0-13,410.0; 10/5/2003	1				68000	scf N2,	pump 37	7000scfN	2an/1672	jaiHCi.	
			8/23/2005	Schemato	Note	5		13296 -1 9000 sci		w 2000 gal	7.5% HC!	w: 15% meth	caso
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A-B													
	A h	Perf: \$3,553,0-\$3,555.0:											
		10/1/2003											
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-													
_		Float Shoe: 13,750.0-											
		13,751,0; 1,00; 51/2; 3-	ļ										
	U. AND CO. C. S.	4	1										

BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

Temporary Abandonment of Wells on Federal Lands Conditions of Approval

A temporarily abandoned well is defined as a completion that is not capable of production in paying quantities but which may have value as a service well. Pursuant to 43 CFR 3162.3-4 (c), no well may be temporarily abandoned for more than 30 days without the prior approval of the authorized officer.

Temporary Abandonment (TA) status approval requires a successful mechanical or casing integrity test as follows:

- 1. A Notice of Intent (NOI) Sundry Notice (Form 3160-5) requesting approval to run a mechanical integrity test (MIT) or casing integrity test (CIT).
- 2. A description of the temporary abandonment procedure.
 - a. A bridge plug or packer must be installed as close to 50 feet above any open perforations or open hole as possible. If a cement plug is used, the top of the cement must be verified by tagging.
 - b. The wellbore must be filled with corrosion inhibited fluid and pressure tested to 500 psi. The casing shall be capable of holding this pressure for at least 30 minutes with a 10% allowable leakoff.
 - c. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if they are not isolated by a packer.
 - d. An MIT must be conducted. If the test indicates a problem exists, a remedial plan and time frame for remediation shall be submitted within ninety (90) days of the test.
 - e. Contact the appropriate BLM office at least 24 hours prior to the scheduled Mechanical Integrity Test. For wells in Eddy County, 575-361-2822; Lea County 575-393-3612.
- 3. Provides justification why the well should be temporarily abandoned rather than permanently plugged and abandoned and an estimated date that the well will be returned to beneficial use or plugged and abandoned.

Wells that successfully pass the casing integrity test may be approved for Temporary Abandonment (TA) status provided that the operator:

- 1. **Submits a subsequent Sundry Notice** (Form 3160-5) requesting TA approval <u>with well bore</u> <u>diagram</u> with all perforations and CIBP's and tops of cement on CIBP's.
- 2. Describes the temporary abandonment procedure.
- 3. Attaches a clear copy or the original of the pressure test chart.
- 4. Give justification to allow well to be place in TA status and plan for future use of well with time frame that well will be place back on line or plans to P&A well will be submitted.

If the well does not pass the casing integrity test, then the operator shall within 30 days submit to BLM for approval one of the following:

- 1. A procedure to repair the casing so that a TA approval can be granted.
- 2. A procedure to plug and abandon the well.

Codorniz 28 Federal #2 well may be approved to be TA/SI for a period of 12 months until 5/7/2014 after successful MIT and subsequent report is submitted. This will be the last and only TA/SI approval. NOI to P&A or plans to use well must be submitted by 2/7/2014. If well is to be used as an Injection well, no bleed off is allowed on WIW MIT