1301 La Grand Avenue Artesia, NM-88210

	UNITED STATES  (April 2004)  DEPARTMENT OF THE INTERIOR  BUREAU OF LAND MANAGEMENTS  WELL COMPLETION OF RECOMPLETION PERSONS												FORM APPROVED OMBNO. 1004-0137 Expires: March 31, 2007					
1,100	WELL COMPLETION OR RECOMPLETION REPORT AND TOG										13.1	NM-104730 No.						
1	la. Type of Well Oil Well Gas Well Dry Other 2										<del></del>	6. If Indian, Allottee or Tribe Name				<del></del>		
	b. Type of Completion: Work Over Deepen Plug Back Diff, Resvr, Other											π, .	7 Unit or CA Agreement Name and No.			No.		
	2. Name of Operator Pogo Producing Company												8. Lease Name and Well No. Sundance Federal #31					
;	3. Address P.O. Box 10340, Midland, TX 79702 3a. Phone No. (include area code) 432-685-8100												de)	9. AFI Well No. 30-015-33674				
•							cordance with							10.	Field a	nd Pool, or	Exploratory	
	At surface 660' FSL & 660' FEL												Sand Dunes Delaware Wes					
	At top prod. interval reported below same												11. Sec., T., R., M., on Block and Survey or Area 4/T24S/R31E					
	At tota	•	same									dy Co	or Parish Dunty	I3. State NM				
1	14. Date Sp 10/29	0/04				D. Reach 5/04	ned		16. Date C		d 12 XX Read	2/1( v to Pr	0/04	17. 34		ions (DF, R	KB, RT, GL)*	
i	18. Total D		D		-, -	1	lug Back T.D.:	MD	<u>                                     </u>				idge Plug		MD			
		T	vd 83	39				TVD	827	7				-	TVE	)		
-	21. Type Electric & Other Mechanical Logs F						bmit copy of	ach)				as well as DST		No Yes (Submit analysis) Yes (Submit report)				
	HDIL, ZDL/CN/GR									Directional Surv				œ_	No.		Submit copy)	
3		1			ort all strings set in well)				e Cementer	No.	of Sks. &	T s	himy Vol			Amount Pulle		
_,	Hole Size	Size/Gra	1	(#/ft.)	Top (MD)		Bottom (MD		Depth		of Cemen	ıt 3	lurry Vol (BBL)		Cement Top* Surface		Amount Pulle	<u> </u>
1	<u>7-1/2</u>	13 <b>-</b> 3/			<u> </u>		975 4250					+		surf				
<b>.</b>	<del>1</del> -7/8				-		8339			1450 2020					900'	FS		
				•						1				$\perp$				
					<u> </u>							+		-				
	24 Tubing									.1.								_
	Size Depth Set (MD) Packer Dep					h (MD)	Size	Dep	th Set (MD)	Packer	r Depth (M	(D)	Size		Depth	Set (MD)	Packer Depth	MD)
	2-3/8 25. Produc	7902						26.	Perforation	n Recor	d				1		<b>L</b>	
	. Da	Formation	-		Top		Bottom		Perforated Interval			Size 1		No. Holes			Perf. Status	
		Delaware Delaware			8098 7963		8108 7976							10				
	Ó DC	Detaware			7 50		1210							10				
	D)											_						
	<u>_</u>	epth Inter		ement	Squeeze	e, etc.	<del></del>			Amount	and Type	of Mate	erial					
	796	53-810	08 (04	1)		z w/	1800 c	a Is	7-1/2	% ac	id							
		<del>.</del>		Fra	C W/	255,000# 16/30 sand						-						
	28. Production - Interval A  Date First   Test   Hours   Test					Oil	Gas	Water	Oil Gr	avitv	Gas		Produc	A-6`1	O.C.C	- p- 3-1 p- 1	00.050	
12/1	Produced	Date 12/15	Tested 24	Produ	ction	вві 47	MCF 16	88E 276	Corr. 40.	API"	Gra		Pur	nn i	CEI	EDF	OR RECO	JKD -
12/1	Choke	Tbg. Press.	Csg.	24 Hr.		Oil	Gas	Water	Gas/O		Well	Status	Trui	ııh ı	ng			+
	Size	Flwg. Sl	Press.	Rate		BBL	MCF	BBL	Ratio 34	0:1		Pro	ducii	ng	J/		0 282	
	28a. Production - Interval B					<u> </u>							Ť	01	.,, , ,	<u> ,</u>	+	
	Date First Produced	Test Date	Hours Test Tested Prode		ction Oil BBL		Gas Water MCF BBL		Oil Gr Corr.	Oil Gravity Corr. API		Gas Produ Gravity				LES BA		J
	Choke Size	Tbg. Press. Flwg. Sl	Csg. Press.	24 Hr. Rate		Oil BBL	Gas MCF	Water BBL	Gas/Oi Ratio	1	W.dl	Status			-LIRO	<u>J!_EU:M</u>	ENGINEER	
	*(See ins		nd spaces	for ada	itional	data on	page 2)											

28b. Produ	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 - Int	erval D		<del>                                     </del>	<del> </del>					
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API'	Gravity		
Choke Tbg. Press. Csg. Size Flwg. Press. Si			24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
29. Disp	osition of (	Gas (Sold, u	sed for fuel	, vented, e	(c.)					<del></del>
	old									
		mus Zones	(Include Aq	mifers):		<del></del>		21 Format	tion (Log) Markers	
	-					Count interes	ala amil all deill atas		tion (Lug) markers	
tests.	v an impor , including recoveries.	tant zones depth interv	or porosity val tested, cu	and conte	i, time tool o	open, flowing	als and all drill-ster and shut-in pressure	n es		
Form	nation	Тор	Bottom		Desc	criptions, Cont	ents, etc.		Name	Top Meas. Depth
		<del> </del>	<del> </del>				<del></del>	+		inoas copui
-1 Anh		4002							-	
al Anhy aware l		4308								
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zanita	ilyon	5393	}							
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22 1 4				1		. Al				
					_	the appropri		_		
			ogs (1 full se		_	Geologic Repo		t Direction	nal Survey	
KX Su	indry Notice	e for pluggi	ing and cem	ent verific	ation [] (	Core Analysis	XX Other:	C-104		
	by certify t	hat the fore	going and a	ttached in	formation is	complete and	correct as determine	ed from all availa	able records (see attached instru	uctions)*
34. 1 here			thy W	right			Title <u>Sr</u>	Eng Tec	ch	
	(please pri	<sub>nı)</sub> Ca	CHY MI	· · J · · -						
	(please pri	$\frac{Ca}{\sqrt{1+a^2}}$	/	(11		/	—		· · ·	
		ni) <u>Ca</u>	der .	Ш	wh	20		/6/05		

## N.M. Oil Cons. DiV-Dist. 2

1301 W. Grand Avenue

Form 3160-5 (April 2004)	UNITED STATE DEPARTMENT OF THE BUREAU OF LAND MAN	INTERCOR VIV	88210	5. Lease Serial	FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007			
Do not use	NOTICES AND REI this form for proposals to vell. Use Form 3160-3 (	odřill or to ra-e	fiter बरा	NM-1047 6. If Indian,	730Allottee or Tribe Name			
SUBMIT IN TO	RIPLICATE- Other inst	ructions on rever	se side.		CA/Agreement, Name and/or N	o.		
2. Name of Operator Pogo Producing Co		00111110	- 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	9. API We	ce Federal #31 ∥No.			
3a Address P.O. Box 10340, N		3b. Phone No. (include 432-685-810		30-015-33674  10. Field and Pool, or Exploratory Area Sand Dunes Delaware West				
660' FSL & 660' F			r or word n	11. County of Eddy Co	or Parish, State Dunty, NM	<u> </u>		
TYPE OF SUBMISSION	APPROPRIATE BOX(ES) TO		PE OF ACTION	EPOKI, OK	OTHER DATA	—		
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (State   Production   State   Reclamation   Recomplete   Temporarily At   Water Disposal	pandon	Water Shut-Off Well Integrity Stocker Drig oper			
If the proposal is to deepen of Attach the Bond under which	eted Operation (clearly state all pert irectionally or recomplete horizontal the work will be performed or provinvolved operations. If the operation	lly, give subsurface location ide the Bond No. on file v	ns and measured and tra vith BLM/BIA. Requir	ne vertical depth ed subsequent r	is of all pertinent markers and zo eports shall be filed within 30 da	nes. Iys		

Intermediate Csg - Drld 11" hole to 4250'. TD reached @ 0:00 hrs 11/07/04. Ran 98 jts 8-5/8" 32# J-55 ST&C csg. Cmt w/ 1250 sks Lite @ 12.4 ppg followed by 200 sks Cl "C" + 2% CaCl2 @ 14.8 ppg. Plug down @ 0:00 hrs 11/08/04. Circ 270 sks to surface. WOC 24 hrs. Make cut-off. Install WH. NU BOP's & test ok.

testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has

TD & Prod Csg - Drld 7-7/8" hole to 8339'. TD reached @ 08:00 hrs 11/15/04. Logged well w/ Baker Atlas. Ran 201 jts 4-1/2" 11.6# J-55 & N-80 ST&C csg. Cmt'd 1st stage w/ 750 sks Cl H + additives @ 15.7 ppg. Circ 35 sks to surface. Cmt'd 2nd stage w/ 750 sks Cl C + additives @ 14.1 ppg. Circ 47 sks to surface. Cmt'd 3rd stage w/ 420 sks Cl C @ 12.4 ppg followed by 100 sks Cl "C" Neat @ 14.8 ppg. Cric 27 sks to surface. CBL ran 11/25/04. TOC @ 900' FS.

<ol> <li>I hereby certify that the foregoing is true and correct Name (Printed/Typed)</li> </ol>	1		\[ AC	CEPTED FOR RECORD	
Cathy Wright	Title	Sr Eng Tech			
Signature Collectillish	Date	1/6/05		JAN 1 0 2005	
U THIS SPACE FOR FED	ERAL OR	STATE OFFICE	JSE		
Approved by		Title		LES BABYAK	
Conditions of approval, if any, are attached. Approval of this notice does neertify that the applicant holds legal or equitable title to those rights in the swhich would entitle the applicant to conduct operations thereon.	Office				

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

determined that the site is ready for final inspection.)