Form	3160-5
(June	1990)

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	NT OF THE INTERIOR	Expires: March 31, 1993
BUREAU OF	LAND MANAGEMENT	5. Lease Designation and Serial No.
SUNDRY NOTICES	AND REPORTS ON WELLS	NM-88138
	rill or to deepen or reentry to a different rese	6. If Indian, Allottee or Tribe Name
Use "APPLICATION FO	R PERMIT—" for such proposals 3202122	ervoir.
	2021222	<del>\                                    </del>
SUBMIT	IN TRIPLICATE	7. If Unit or CA, Agreement Designation
I. Type of Well		72/
☐ Oil ☐ Gas ☐	# 0Kg 0Kg	7
Well Well Other  2. Name of Operator	1 × C6/1×C	38 Well Name and No.
Pogo Producing Company	RECEAST!	Ganyon 23I Fed. Com #1
3. Address and Telephone No.		30-015-29318
P. O. Box 10340, Midland, TX	79702-7340 (915)682-6 <b>8</b> 22	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey D.	escription) (915)082-082 9978	Wildcat Morrow
17501 551 4 5501 551		11. County or Parish, State
1750' FSL & 660' FEL, Section	23, T24S, R29E	
		Eddy County, NM
12. CHECK APPROPRIATE BOX(	s) TO INDICATE NATURE OF NOTICE, F	REPORT OR OTHER DATA
TYPE OF SUBMISSION		
	TYPE OF A	CTION
Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
— · ·	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	Other	Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
B realist included and the vertical	pertinent details, and give pertinent dates, including estimated date al depths for all markers and zones pertinent to this work.)*  st permission to P & A the Atoka formation and the state of the sta	
formation in the above well. Attached is a co	by of the packer installation schematic and process	recomplete in the Bone Springs
approved by Adam Salameh, BLM Engineer	in Carlsbad. NM 10/24/97	edure Pogo will follow, which was
Pogo is planning to begin the work within the	next two weeks.	2016 章
		CEIVES T 29 A 5
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		mg 08
		<b>2</b>
		•
4. I hereby certify that the foregoing is true and correct		
Signed Panel mil	Senior Operations Engine	eer10/27/97
(This space for Federal or State office use)		Date
Approved SARS SCEN DAVID & CLAS	PETROLEUM ENGINE	ER NOV 18 1997
Conditions of approval, if any:	Title Title	Date 1101 10 199/

Title 18 U.S.C. Section 1001, makes 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.

## Canyon 23 I Federal Com #1 **Recompletion Procedure**

Eng Data: TD 13,950' PBTD 13,564' Elev. 22' KB

CIBPE 13600' W/18' CMT ONTH

Perfs:

Inactive: 13,618'-13,624', 13,638'-13,642', 13,646'-13,648', 13,650'-13,655', 13,675'-13,680'

12,736'-12,748"

Packer:

Permanent GT Magnum packer 10,277' & 12,318'

2-7/8" FJ tubing between pkrs (66) jts FL4S 8.7# N-80

Nipple:

Model "R " 2.188" ID 10079'

Model "R" 2.125" ID 12284'

EOT:

W/L Entry Guide Mechanical Disconnect 12344

Tubing: Burst 13,440#

2-7/8" 7.9# P-105 IJ3SS (311 Jts) 9,904"

Collapse 13,880# Body Yield 180,280#

Torque 3000 Ft lbs ID 2.323" Drift 2.229"

Casing:

7" 29# P-110

0'- 5,591'

7" 26# N-80

5,591'- 9,103'

7" 29# N-80

9,103'-10,500'

Liner:

5" 18# L-80 FL4S 10,424'-13,928'

Packer Fluid: 8.5 PPG KCL w/chemical additive

## Procedure:

- MIRU slick line w/ mast truck. Release mechanical disconnect @ 12344'. Chase guns to bottom. Top 1. of gun assembly should be  $\pm 13145$ '. RD slick line.
- MIRU Electric line. Set through tubing bridge plug @ 12720'. Cap plug w/ 35' cmt. RD wireline. 2.
- MIRU pulling unit. NU BOP's. POOH w/ 2-7/8" 7.9# tbg. Mark last 5 jts (8.7#). Lay down tbg. 3.
- RIH w/ CIBP on 2-7/8" 6.5# N-80 eue 8rd tbg. Set at 10240'. Spot 50 sk plug (280') on CIBP. PBTD 4. ±9960'. POOH. LD excess tbg.
- Run CBL. Locate cmt top 2300' calc. Perf 2nd Bone Spring in 7" csg 8782'-8796", 8866'-8878', 5. 9004'-9032' 1 shot per 2' w/ 4" csg gun spiral phasing.
- RIH w/ packer on 2-7/8" tbg. Acidize perfs w/ 1500 gals 15% HCL top gun acid using 50 RCNB's. 6. Monitor dead string. Set packer. Swab back load. Evaluate for fracture treatment.
- 7. Frac as per recommendation. Flowback for forced closure.
- Set 7" RBP on WL @ ±8700'. Perf 7" csg 8064'-8100' (1st Bone Spring) 2 spf 60° spiral phasing w/ 4" 8.
- RIH w/ pkr on 2-7/8" tbg  $\pm$  (1) jt tailpipe. Acidize perfs w/ 1500 gals 15% HCL top gun acid using 100 9. RCNB's. Monitor dead string. Swab back load. Evaluate for fracture treatment. Circ frac balls above
- 10. Frac as per recommendation. Flow back for forced closure.
- 11. Remove RBP @ 8700'. Combine zones.
- Rig up to rod pump. Probable high water cut. 12.

c:cany23#1.pa



## PACKER INSTALLATION PLAN

RAY HI CANYON	ERRII 1 23	-1 FE	N_	OM. TO	POGO PRODUCIN	Y N.M.	JULY PD, 1997
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					]		
	1	13.46	77.00	10079.2	203 JODITS 2 7/8" 7.98 P	-M2 IT-323	TURBIG 2875 2.5
	41	141	779.27	10000.0			1 1
	П				2500' 'R' HEPPLE 2 7/0'	7.90 LJ-999,	3.374 Es
	<b>#</b>	M.85 M	***	100121	1 - JOHT & 7/8" 7.90 LJ-	-312	2.075 2.0
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	7	3000	6.46 121	294.35	65 JOHN'S & 7/8" FL-43 &	70 TUBBNG	2875 225
	.						
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1 1 1	-  m	1220	5.33 H	316.0	1 JODN'T & 7/8" FL-45 8.76		
$IH_{-I}$	1,		4.01 12	- 1			2.075 2.251
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		1		- 1	AMETURE SEL		
	<b>3</b> 20	12 12 No	107 12:3	e1.04	7 X 15-210 "ST-1" MAGAIN.		
							3.768 2.390
	1						
	م ا	e			P MOLL-OUT EXTENSION		
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╽╽┝╂	10.1	12706	54 1235	K49 .	7/8" 8.76 TURNE SUB.		
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	LINER	TOP	2,01	42',			
	TYPE	DF FL	UID	PACKE	R FLUID.		
					<del></del>		
2MS BATE ( 89, 1997	MICOSO TO	REPRES	DITATIV	D OT	CE LUCATEDO	PHONE	
CE CENTER				1_	HUBBS, HEV HEXICO		X) 395-3283
	,			-07	VICE CENTER REP	PHONE	
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