District I PO Box 1980, Hobbs, NM 88241-1980

District II 811 South First, Artesia, NM 88210

District III 1000 Rio Brazos Rd., Aztec, NM 87410

District IV 2040 South Pacheco, Santa Fe, NM 87505

### State of New Mexico

Energy, Minerals & Natural Resources Department

Form C-101
Revised October 18, 1994
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OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

1 1	AMENDED	REPORT

				Sa	anta Fe, Ni	M 87505			L		ED REPORT	
APPLICA	ATION	FOR PE				ITER, DE	EPE	EN, PLUGB	ACK	, OR AD	D A ZONE	
			₁Opera	ator Name an	d Address					i	RID Number	
Pogo Producing Company P. O. Box 10340, Midland, TX 79702-7340												
1 . O. Box 10	o to, midic	1110, 17C 70	702 704	· ·							Number	
₄Property	/ Code				sPrope <sup>1</sup>	rty Name				[ 00 - 0 [ 3	5 - 3037.5 «Well No.	
230		Ha	rroun 10	)	31 10001	ty rtaino					1 1	
					Surface	Location	-				<u>-</u>	
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South I	line	Feet from the	East	/West Line	County	
N	10	248	29E	'	660	South		2310		West	Eddy	
	<b>-</b>	<sub>8</sub> Propo	sed E	3ottom F	Hole Locati	on If Diffe	rent	From Surfa	ace			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South I	ine	Feet from the	East	West Line	County	
Pierce Cross	ina (Bone	Proposed Springs)	Pool 1					10Propose	ed Pool	2		
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,											
₁₁Work Typ N		15	₂Weil Type O	Code	₁₃Cable. R	e/Rotary		14Lease Type Code	9	15Ground	Level Elevation	
				<del></del>				S			2944	
16Mu No	ltiple O		17Proposed	-	₁₅Forr Bone Spring	mation Ias		19Contractor		20\$	Spud Date	
Minimum	WOO	I C			<u> </u>						<del>-</del> ·	
Minimum		ime 8p	21	<del>,                                     </del>	ed Casing a	and Ceme	nt P	rogram				
Hole Siz		Casing S		+	weight/foot	Setting Dept		Sacks of Cerr			mated TOC	
	1-3/4 9-7/8	-	10-3/4 7-5/8	<del>                                     </del>	75# H-40 .40# J-55		550'		) sks	Surface		
	5-3/4		4-1/2	<del> </del>	.40# J-55 .60# J-55		950' 900'		) sks	Surface	<u> </u>	
	J-0,-		4-1/2	11.	00# 0-00			900	) sks	2900'		
				<del> </del>	<del></del>	<del></del>		<del>                                     </del>	-	790		
<sup>22</sup> Describe the pr	oposed pro	aram. If this a	pplication	is to DEEPE	N or PLUG BACK	nive the data on	the pr	resent production 2	ne and	risonneed new	and untive zone	
Describe the blo	wout preven	tion program,	if any. Us	e additional	sheets if necessary	у.	tire p.	esent product	lic and	proposed ries	Stoductive Zone.	
This propose	ed well is	a Bone Spr	ing test	with poten	itial in the Delay	ware.		/ <u>+</u>	<b>S</b> F	P 2000	Productive zone.	
BOP sketch	attached		-	-				178293031		EIVED	51	
								12		ARTESIA	677	
								182		riii Loni	8	
								1/24	<b>-</b>	.16		
<sup>23</sup> I hereby certify t	hat the infor		abaya is t	==== and com					35,25	EZZZZZQ		
best of my knowle	edge and be	lief.	above is ii	ue and comp	L		IL C	ONSERVA	TION	DIVISI	ON	
Signature:	athy	- Er	nke	<u>vi</u>		pproved By:	ď	tem li	B	kem	BON	
	Cathy Ton	nberlin			Ti	itle:	A	Interest:	Sipe	wiso	V	
Title: Operation	on Tech				A	pproval Date:	SF	P 1 1 2000	Expiration	on Date:	1 1 2001	
Date:	9-07-00		Phone	915-685-8	X 1011 I	onditions of Appr ttached:	roval:::	F.A		SEP	1 1 2001	

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## State of New Mexico

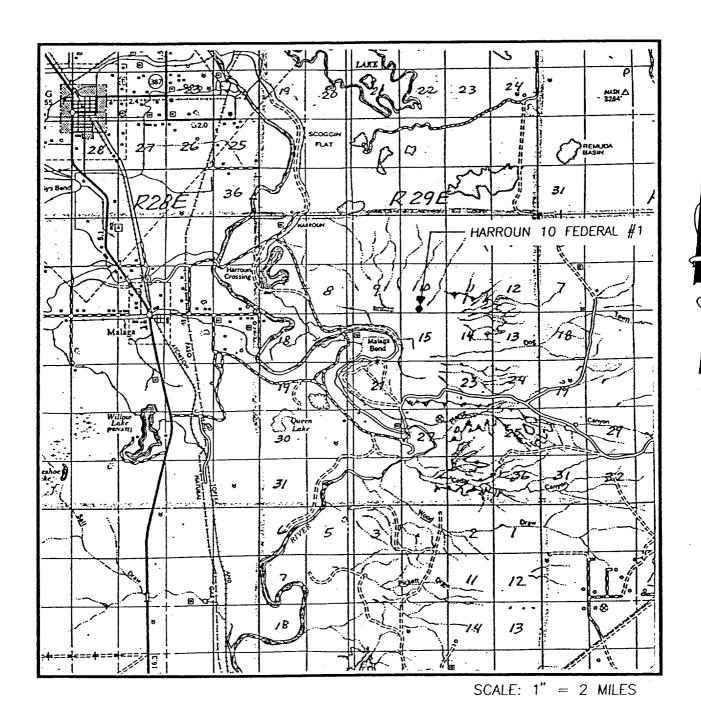
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505 Form C-102
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AMENDED REPORT

		V	VELL LO	CATION	AND ACE	REAGE DEDIC	CATION PLA	ΛT_			
1	API Numbe	r		2Pool Code 3Pool Name							
Dronarti	Cada	<del></del>		Pierce Crossing Bone Springs							
4Property	Code	Harı	roun 10		₅Property	Name			6V   1	₅Well Number	
7OGRID		_	-		8Operato	r Name			<del></del>	∍Elevation	
017891	<b>L</b>	Pogo	Produc	ing Com	pany				294	4'	
					<sub>∞</sub> Surface	Location					
UL or lot no.	Section		'	Lot Idn	Feet from the	North/South line	Feet from the	East/W	est Line	County	
N	10	245	29E	<u> </u>	660	North	2310	West		Eddy	
"Bottom Hole Location If Different From Surface											
UL or lot no.	Section	Townsh	nip Range	Lot Idn	Feet from the	North/South line	Feet from the	East/W	est Line	County	
12Dedicated A	cres 13Jo	oint or Infill	14Consolidat	ion Code	15Order No.		<u> </u>			-	
40											
NO ALLOV	VABLE V	VILL BE	ASSIGNE	ото тнів	COMPLET	ION UNTIL ALL	INTERESTS H	AVE BE	EEN CONSOLIDATED		
16		OR A	A NON-ST	ANDARD	UNII HAS E	BEEN APPROVE			CEDTI	FICATION	
							I hereby certify	that the info	ormation co	FICATION ntained herein is	
							true and comp	lete to the b	est of my kn	owledge and belief	
					,			1			
				<u> </u>			athi	r Jen	nberl	<u> </u>	
							Signature Cathy To	omberl	in		
							Printed Name				
							Title	Operation Tech			
								09/07/00			
							Date				
<del></del>							₃SURVE	YOR	CERTI	FICATION	
							was plotted from	m field notes	of actual si	own on this plat urveys made by me	
							or under my su correct to the b	pervision, ar	nd that the s	same is true and	
							Date of Surve	у			
							Signature and	Seal of Pro	fessional Su	urveyer:	
23	310'			ł							
			)  -				Refer	7. (		DE	
			99				Certificate Nu	mber -	- 1-15	LIGC.	
<del>_</del>		<u> </u>	<u> </u>	<u> </u>				<del></del>			

## VICINITY MAP



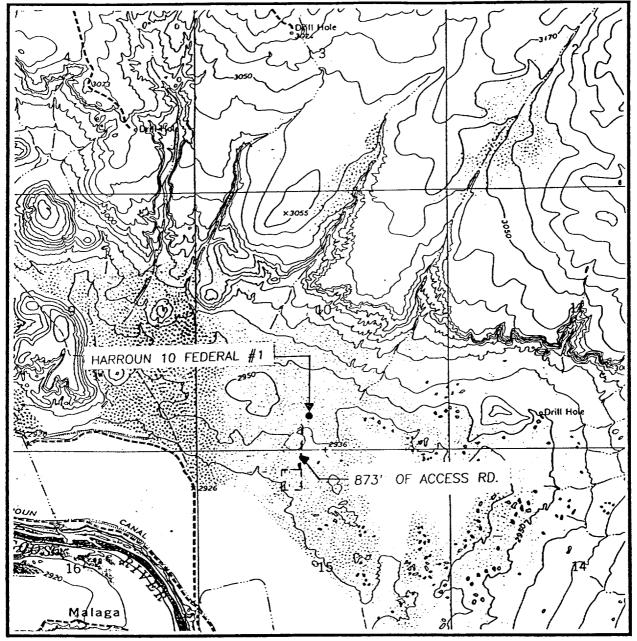
3LC. 10 11	WF. <u>Z</u>	+-3	NO		<u> </u>
SURVEY		V.M.P	Р.М.		
COUNTY		EDD	Y_		
DESCRIPTION	660'	FSL	&	2310'	FWL

OPERATOR POGO PRODUCING COMPANY
LEASE HARROUN 10 FEDERAL

ELEVATION 2944

JOHN WEST ENGINEERING HOBBS, NEW MEXICO (505) 393-3117

## LOCA: ON VERIFICATI N MAP



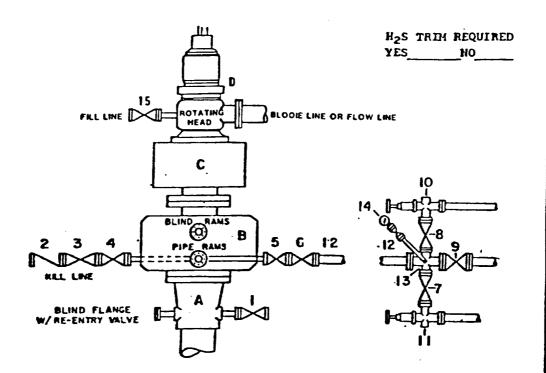
SCALE: 1'' = 2000'

CONTOUR INTERVAL: PIERCE CANYON - 10'

SEC. 10 TWP. 24-S RGE.	29-E
SURVEY N.M.P.M.	
COUNTY EDDY	
DESCRIPTION 660' FSL & 2	310' FWL
ELEVATION 2944	<del></del>
OPERATOR POGO PRODUCING	G COMPANY
LEASE HARROUN 10 FE	DERAL
U.S.G.S. TOPOGRAPHIC MAP	

JOHN WEST ENGINEERING HOBBS, NEW MEXICO (505) 393-3117

# DRILLING CONTROL CONDITION III-B 3000 PSI WP



#### DRILLING CONTROL

#### MATERIAL LIST - CONDITION III - B

A	Wellhead
В	3000f W.P. Dual ram type preventer, hydraulic operated with 1" steel, 3000f W.P. control lines (where substructure height is adequate, 2 - 3000f W.P. single ram preventers may be utilized with 3000f W.P. drilling spool with 2" minimum flanged outlet for kill line and 3" minimum flanged outlet for choke line. The drilling spool is to be installed below the single ram type preventers).
C	30008 W.P. Annular Preventer with 1" steel, 30008 W.P. control lines.
D	Rotating Head with fill up outlet and extended Blooie line.
1,3,4,	2" minimum 3000f W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.
2	2" minimum 3000# W.P. back pressure valve.
,6,9	3" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.
2	3" minimum Schedule 80, Grade B, seamless line pipe.
•	2" minimum x 3" minimum 3000\$ W.P. flanged cross.
,11	2" minimum 3000# W.P. adjustable choke bodies.
4	Cameron Mud Gauge or equivalent (location optional in Choke line).
.5	2" minimum 3000\$ W.P. flanged or threaded full opening steel gate valve, or Halliburton to Torc Flug valve.

EXHIBIT E

DATE

 EST. 40

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