## SUBMIT IN TRIPLICATE\*

(Other instructions on reverse side)

FORM APPROVED OMB NO. 1004-0136 Expires February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR

		LOE THE INT		5. LEASE DSIGNATION AND SERIAL NO
	BUREAU OF	LAND MANAGEM	MENTEUELVED	NM-012201 N (0.01)
APPLI	CATION FOR PL	ERMIT TO DR	ILL OR DEEPEN	6 IF INDIAN, ALLOTTEE OR TRIBE NAME
. TYPE OF WORK	ırı 🛛		JUL 15 PM 3: 52	7 UNIT AGRREEMENT NAME
ンドリ TYPE OF WELL			<b>3</b> 3 ·	
	AS OTHER	C77	TOPE X TO LEAD	8. FARM OR LEASE NAME WELL NO
NAME OF OPERATOR	Conoco Inc. Cono		<u>0-11-0-44444</u>	Stove Canyon # 1 2/5
	onoco inc. 5073	· · · · · · · · · · · · · · · · · · ·		9. API WELL NO
ADDRESS AND TELEPHONE NO	Dr. Ste 100W, Midlar	M TV 70705-450	0 915-686-579	30-045-29480
	L (Report location clearly a			WE 27N &WIKSMITSS
Atsurface		1940' FSL & 1		11. SEC, T., R., M., OR BLK.
At proposed prod. zon	e	10401 FGY 6 14	2201 511 5	Section 1, T27N, R8W
		1940' FSL & 1		/\
. DISTANCE IN MILES A	ND DIRECTION FROM NEA	EST TOWN OR POST O	FICE*	12 COUNTY OR PARISH 13. STATE
DISTANCE EROM BRODG	VEED+	T 16	NO OF ACRES IN LEASE	San Juan NM
LOCATION TO NEARES' PROPERTY OR LEASE	T LINE, FT.	10	CCREO IN DERUG	TO THIS WELL 640 (4/1.12
(A)so to nearest dri	g. unit line, it Any)	19	. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
TO NEAREST WELL, DI OR APPLIED FOR, ON TH	RILLING, COMPLETED,		13836'	Rotary
	ether DF, RT, GR, etc )	This s	e <del>xen la dulleot to techn</del> iural review purruant to	43 CFR 3165.3 9/1/97
		6703' GR and ap	opeal pursuant to 43 CF	3 3165.4. 9/1/97
			AND CEMENTING PROGRA	•
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	K-55 20"	94#	250'	810 sxs, circ. to surface
17-1/2"	K-55 13-3/8"	54.5# & 61#	3421'	1930 sxs, circ. to surface
12-1/4"	L80 9-5/8"	47#	7647'	1170 sxs, circ. to 2500' + or -
8-1/2" t is proposed to drill	L80 7" a vertical wellbore to to	29#	7400-13836	1170 sxs, circ. to 2500' + or - 670 sxs, circ. to 7400' liner top plan submitted in the following attachments.
8-1/2"  It is proposed to drill An NOS was filed 7/2.  Well Location & A.  Proposed Well Plan  Cementing Plan.  Blowout Preventer  Surface Use Plan v  Pipeline Tie Specif  Emergency Action  H2S Drilling Oper  An archeological su  An Environmental A	L80 7"  a vertical wellbore to to 2/97. Accrage Dedication Plat on Outline.  Hookup. with Standard Production fications for drill gas. Plan. ations Plan. arvey has been submitted assessment is being condernated.	29# est the Penn/Miss fo (C-102).  In Facility Layout Down to the control of the	rawing.  eological Consultants rec	plan submitted in the following attachments.  OPICHICA COMPATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".  SEE ATTACHED FOR COMPLIANCE OF APPROVAL.  commending clearance (Report No. 9718).  Ind will be provided to you upon completion.
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8-1/2"  It is proposed to drill an NOS was filed 7/2.  Well Location & A. Proposed Well Plan.  Cementing Plan.  Blowout Preventer  Surface Use Plan v.  Pipeline Tie Specif  Emergency Action  H2S Drilling Open An archeological st An Environmental A  ABOVE SPACE DESC  Sepen directionally, give performance of the perfo	L80 7"  a vertical wellbore to to 2/97. Acerage Dedication Plat n Outline.  Hookup. with Standard Production fications for drill gas. Plan. ations Plan. arrvey has been submitted assessment is being conductions.  RIBE PROPOSED PROGRATION CONTROL OF THE PROPOSED	29# est the Penn/Miss for (C-102).  In Facility Layout Dead by LaPlata Archa sucted by Ecosphere and measured and true of the archa measured and true of th	rawing.  eological Consultants recent Environmental Services and a give data on present productive vertical depths. Give blowout prevention of the subject of those rights in the subject of the subject	Plan submitted in the following attachments.  OPICHICA COMPATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".  SEE ATTACHED FOR COMPITIONS OF APPROVAL.  commending clearance (Report No. 9718).  Ind will be provided to you upon completion.  DATE

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.

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer OD, Artenia, NM 88211-0719
District III
1000 Sio Benzon Rd., Agree, NM 87410

Pr) Bax 2088, Saata Fe, NM 87504-2088

District IV

## State of New Mexico Energy, Mineral & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies

AMENDED REPORT

Fee Lease - 3 Copies

## WELL LOCATION AND ACREAGE DEDICATION PLAT

30-0	191 Number	-		Pool Code	33 101	LDCAT 2, Penn/Miss.	Wilde	POOL NESS	155,	POTAN
* Property 4	Code	,,,,,	<del></del>	7.47.	<sup>3</sup> Property		. WITGO		1	Well Namber
<del>016608</del>	21504	_	-		Stove Car	lyon				1
OGRID	No.				Operator		•		<del></del>	Elevation
05073					соиосо, 1	INC.				6703'
				-	10 Surrace	Location				<del></del>
UL or lot se.	Section	Township	Range	Lot Ida	Foot from the	North/South line	Feet from	the East We	st line	County
K	1	27-N	8-W		1940	South	1320	, , •	st	S.J.
			11 Bot	tom Hol	e Location I	f Different Fro	om Surf	ace		<del>- •</del>
UL or lot se.	Section	Townsip	Range	Lot Ida	Feet from the	North/South line	Feet from	the East/We	st line	County
640			<u> </u>							
16	2614	26'			2566	5. 74*	I hen	OPERATOR stry certify that the it und complete to the	nformana	a commined herein i
. 32.			·			1	\ n	1/19	Ma	
27					DECE N AUG 2	[VED] 9 1997	Print	Mike L. Man Mike L. Man Manuel Right-of-Wa	•	ent
( /30	7′ >		<del></del>		OIL CO	N. DIV.	120 1 No.	stry certify that the t	reil locat	TIFICATIO
00	<u>oʻ</u>			• •	and the second of		er un corre	der my supervision. Ict to the best of my	end their belief: 0/97	the same is true and

RECEIVED

MCTON, NM

bN 3:25

5233.80'

EST. GL = +8703' EST. KB = +8728'

ÆLL NA	ME:	STOVE CANYON #1							EST. GL = +6703' EST. KB = +6728'	
OCATIO		SEC 1, UNIT K, T-27N, R-8W,	SAN JUAN CO., NM			<del></del>				
VD		FORMATION	T	TYPE OF		CASING		FORMATION	MUD	
N		TOPS &	DRILLING	FORMATION	HOLE	1	FRAC	PRESSURE		1
000	MD	TYPE	PROBLEMS	EVALUATION	SIZE	SIZE DEPTH	GRAD	GRADIENT		DAYS
0	`	1	1		26"	20" 94# K-55 BT&C @ 250"		NORMAL	8.4 - 8.8# SPUD MUD	
					17 1/2	BT&C @ 250' CIRC CMT		8.4 - 9.48	8.4 - 8.8 PPG	
	<u> </u>	4			-				GELWATER	1
	<u> </u>	_					1			
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				1						
		1					İ			
2			POSSIBLE HOLE PROBLEMS/STICKI	NG .	}				FL 8 - 10, VIS 40 +	
	-	OJAM @ 2336	POSSIBLE WATER FLOW				ļ			
		KRLD @ 2464'			1					
		ł								-
		FRLD @ 2773'					1	432 PSI (3 PPG)	Į.	
	<u> </u>	1								
3	<del> </del>	PCCF @ 3221'	POSSIBLE LOST RETURNS			13 3/8" 54.5# & 61#		360 PSI (2.1 PPG		
		LEWS @ 3369			17 1/2*	K55 BTC @ 3421' CIRC CMT TO SURFACE	.]	1		
			<del> </del>	<del> </del>	12 1/4"	SING CHELLO SURFACE	<del> </del>	8.4 - 8.8 PPG	8.4 - 8.8 PPG GAS/AIR/AIR MIST	+
					1.2 ./3				Shormon Mist	
4		CHRA @ 4159'	-		1			400 PSI (1.9 PPG	}	
								1		
	$\vdash$						ļ			Ì
		CLFH/MV @ 4861'	PROBABLE LOST RETURNS					457 PSI (1.8 PPG		
		MENF @ 4970'	IF FLUID IN HOLE					1	]	
5							•			
		PTLK @ 5424'								
- 1					Ì		l			
1							Ì			
		MNCS @ 5824'								
6		MITCO & DOZ4	1							
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- 1							ĺ			
Ì		GLLP @ 6614'					İ			
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ł										
7			•							
- 1		GRHN @ 7290'		MUD LOG FROM 7200°		1	ļ			
ļ		GRRS DKOT @ 7377	POSSIBLE WATERFLOW			9 5/8" 47# L80 LTC @ 764	r	713 PSI (1.9 PPG		
_		BURRO CANYON @ 7661'	WET		12 1/4" 8 1/2"	CIRC CMT TO 2500' TOP OF 7" LINER @ 7400	ļ		GAS/AIR/AIR MIST LSND 8.4 - 8.8 PPG	ļ
Ŀ		BORNO CARTON & 7001	,		"	TOP OF FEMER & FAX	1		C3ND 0.4 - 0.0 FFG	
_			,		1			]		
8					ŀ					
ļ		ENTRADA & SESO	WET			<u> </u>				
ŀ		ENTRADA @ 8559	POSSIBLE LOST CIRCULATION							
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		ÇUTLER @ 9941'	POSSIBLE GAS SANDS		]					
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F								5225 PSI (8.7 PPG	,	
Ŀ		HONAKER TR @ 11609'	FIRST LIMESTONE						, l	
F	$\dashv$					1			ļ	
12						ĺ			ļ	
ŀ			44			1			]	
F		DESERT CRK @ 12511'	POSSIBLE SLIGHT H2S					POSSIBLE SI IGHT	OVERPRESSURE	
E						į		. JUJIGE GEIGH	STEM REGOURE	
F	$\dashv$							5830PSI (8.7 PPG)	ſ	
13		BARKER CRK @ 12961'								
H	$\dashv$			LOGS FROM TD TO INT. CSG.						
ļ	=			PLATFORM EXPRESS, FMI		70 204 5 224 1 00 070				
-				DIPOLE SHEAR IMAGER SIDEWALL CORES, CHECKSHOT	}	7" 29# & 32# L80 BTC' LINER SET @ 13836'		BHP = 6215 psi		
	$\rightrightarrows$	A IDAY DE ASEA			8 1/2"	CIRC CMT TO LINER TOP		BHT = 325 deg F 1	SND 8.4 - 8.8 PPG	6
14	——  <b>:</b>	DURAY @ 13811' TD @ 13838'		<sub></sub>		J		ļ	1	

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02-Jul-87

APPROVED

Ricky Joyce DRILLING ENGINEER

11:05:20 AM 03-Jul-97

## Daily Traffic Route <u>Directions from Blanco, NM Post Office to Conoco Stove Canyon #1</u> 1940' FSL & 1320' FWL, Section 1, T27N, R8W, San Juan County, NM

Travel Easterly on US HWY 64 for 1.3 miles to a well-traveled County Road (Largo Road);

Go right (Southeasterly) on this County Road for 3.8 miles to major fork in the road;

Go left (Southeasterly) for 5.0 miles to fork in road;

Go right (Southeasterly) across Carrizo Wash for 4.4 miles to fork in road;

Go right (South) 3.3 miles up Gould Pass to fork in road;

Go right (West) for 1.5 miles to fork in road;

Go left (Northwesterly) for 0.2 miles to fork in road:

Go lest (South) for 0.7 miles to fork in road;

Go lest (East) for 0.2 miles to staked location overlapping the existing roadway.

