Form C-101 bruary 10, 1994	Revised Feb	It		of New Me & Natural Reso							
ctions On Back							District II				
District Office	to Appropriate	SERVATION DIVISION Submit to Approp				11 S. First Street, Artesia, NM 88210 OIL CONS					
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D REPORT	AMENDE								strict IV 40 South Pacheco, S		
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ımber	2 OGRID Nu	,			and Address	1 Operator Name		HON TO	AFFLICA		
712	021712			Company							
·	3 API Numb					P. O. Box 1030					
	30-025-		1030		Roswell, New Me						
6 Well No.				5 Property Name			ie	4 Property Coo	4		
#4			- <u></u>	Shell State		010742					
County	East/West Line	Feet from the	N 40 41	ace Location		· · · · · · · · · · · · · · · · · · ·					
County			North/South Line	Feet from the	Lot Idn	Range	Township	Section	UL or Lot No.		
Lea	West	2310	South	1650		32E	22S	36	К		
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County	East/West Line	Feet from the	North/South Line	Feet from the	Lot Ind	Range	Township	Section	UL or Lot No.		
		10 Proposed Pool				1	9 Proposed Pool 1	L			
	Red Tank Delaware West					Spring	ank Bone	Red T			
vel Elevation	15 Ground Level Elevation		14 Lease Type Code		13 C	pe Code	12 Well Ty	Code	11 Work Type C		
45'	3745'		S				C		N		
Date	20 Spud Date		19 Contrac	ormation					16 Multiple		
, 1998	April 20, 1998		Lakota Dr	ne Spring	Bo	-	90	10 1000-100			
				and Cement Pr	.l						
ed TOC	Estimated TOC		Sacks of C	Setting Depth			using Size				
	Circulated		900	840'		Casing weight/foot 48#			Hole Size		
	Circulated		2100		32# & 24#		3 3/8"		17 1/2"		
	400		900			17# & 1	3 5/8"		11"		
<u> </u>	100			9000'	5.5#	11#041	5 1/2"	· · · · · · · · · · · · · · · · · · ·	7 7/8"		
	ew productive zone.	ie and proposed ne	present productive zon	K give the data on the	PLUG BAC	n is to DEEPEN or	n. If this application	roposed program	22. Describe the pr		
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y anu vill ha			SUNICIENT 10	ill to a depth	es to dr	y propos	n Compan	roductio	Strata P		
VIII De	, the well w	productive,	et. It non-p	sing will be s	1/2" ca	ductive, 5	ons. If pro	e formati	Delawar		
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From Ann	Plat	Dedication	nd Acreage	II Location a	102 We	Form C-					
From App	res 1 Year	ərmit Expi	otion P	ment Descrij	" Equip	Exhibit "A					
ng Underwa	1055 UTHIN	Date Un	3								
	DIVISION	RVATION	OIL CONSE		to the best	true and complete	ation given above is	that the information	3 I hereby certify t		
	(	ាល្រភោព <b>គ</b> រ	ORIGINAL		of my knowledge and belief.						
		WINK		Approved By:	Signature: Carol J. Darcia						
		REP. 11	FIELD	Title:	Printed name: Carol J. Garcia						
:	Expiration Date	<u> </u>		Approval Date: M	Title: Production Records Manager						
			oval:	Conditions of Appro	Date: Phone: 505-622-1127						
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District I PO Bax 1980, Hobbs, NM \$3241-1980 District II PO Drawer DD, Artesia, NM \$3211-0719 District III 1000 Rio Brazos Rd., Antee, NM \$7410 District IV PO Box 2083, Santa Fe, NM \$7504-2083 State of New Mexico Energy, Miserals & Natural Resources Department

## OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

Form C-102 Revised February 10, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT												
	PI Namb		1	Pool Code			Pool Ne	D.C				
			1689									
Property		730			* Property Name					' Well Number		
010742		SHELL	STATE						4			
OGRID No. OGRID No.										* Elevation		
021712		STRAT	A PROD	UCTION	COMPANY				<u> </u>	3745.		
<sup>10</sup> Surface Location												
UL or lot so.	Section	Township	Range	Los Ida	Fort from the	North/South line	For from the	E Wa	a in-	County		
K	36	22-S	32-е		1650	SOUTH	2310	WE	ST	LEA		
K			<sup>11</sup> Bot	tom Hol	e Location I	f Different Fro	om Surface					
UL or lot po.	Soction	Township	Range	Lot Ida	Fort from the	North/South line	Fort from the	EastWe	u line	Cousty		
UL or 101 04.												
<sup>12</sup> Dedicated Act	u loist	or Infill   "	L Censolidatio	a Code   4 C	rder No.							
	1 .									COL TATED		
	WABLE		ASSIGNE	D TO TH	IS COMPLETI	ON UNTIL ALL	INTERESTS H	AVE BE	FN COI	NSOLIDATED		
		OR A	NON-ST	ANDARD	UNIT HAS B	EEN APPROVED			the second se	the second s		
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#### New Mexico Oil Conservation Division C-102 Instructions

IF THIS IS AN AMENDED REPORT. CHECK THE BOX LABLED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed contact the appropriate OCD district office. Independent subdivision surveys will not be acceptable.

- 1. The OCD assigned API number for this well
- 2. The pool code for this (proposed) completion
- 3. The pool name for this (proposed) completion
- 4. The property code for this (proposed) completion
- 5. The property name (well name) for this (proposed) completion
- 6. The well number for this (proposed) completion
- 7. Operator's OGRID number
- 8. The operator's name
- 9. The ground level elevation of this well
- The surveyed surface location of this well measured from the section lines NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD unit letter.
- 11. Proposed bottom hole location. If this is a horizontal hole indicate the location of the end of the hole.
- 12. The calculated acreage dedicated to this completion to the nearest hundredth of an acre
- Put a Y if more than one completion will be sharing this same acreage or N if this is the only completion on this acreage
- 14. If more than one lease of different ownership has been dedicated to the well show the consolidation code from the following table:

C	Communitization
ິ ປີ 👘	Unitization
F 7	Forced pooling
 	Other
P	Consolidation pending

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISIONI

15. Write in the OCD order(s) approving a non-standard location, non-standard spacing, or directional or horizontal drilling

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16. This grid represents a standard section. You may superimpose a non-standard saction over this grid. Outline the dedicated acreage and the separate leases within that dedicated acreage. Show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. (Note: A legal location is determined from the perpendicular distance to the edge of the tract.) If this is a high angle or horizontal hole show that portion of the well bore that is open within this pool.

Show all lots, lot numbers, and their respective acreage.

If more than one lease has been dedicated to this completion, outline each one and identify the ownership as to both working interest and royalty.

- The signature, printed name, and title of the person authorized to make this report, and the date this document was signed.
- 18. The registered surveyors certification. This section does not have to be completed if this form has been previously accepted by the OCD and is being filed for a change of pool or dedicated acreage.

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### EXHIBIT "A"

#### EQUIPMENT DESCRIPTION

All equipment should be at least 3,000 psi WP or higher unless otherwise specified.

- 1. Bell nipple
- 2. Hydril bag type preventer
- 3. Ram type pressure operated blowout preventer with blind rams.
- 4. Flanged spool with one 3"and one 2"(minimum) outlet.
- 5. 2"(minimum) flanged plug or gate valve.
- 6. 2"x 2"x 2"(minimum) flanged.
- 7. 3"gate valve.
- 8. Ram type pressure operated blowout preventer with pipe rams.
- 9. Flanged type casing head with one side outlet.
- 10. 2" threaded (or flanged) plug or gate valve. Flanged on 5000# WP, threaded on 3000# WP or less.
- 11. 3" flanged spacer spool.
- 12. 3"x 2"x 2"x 2" flanged cross.
- 13. 2" flanged plug or gate valve.
- 14. 2" flanged adjustable choke.
- 15. 2" threaded flange.
- 16. 2" XXH nipple.
- 17. 2" forged steel 90`Ell.
- 18. Cameron (or equal) threaded pressure gauge.
- 19. Threaded flange.
- 20. 2" flanged tee.
- 21. 2" flanged plug or gate valve.
- 22. 2 1/2" pipe, 300' to pit, anchored.
- 23. 2 1/2" SE valve.
- 24. 2 1/2" line to steel pit or separator.

#### NOTES:

- 1). Items 3,4 and 8 may be replaced with double ram type preventer with side outlets between the rams.
- 2). The two valves next tho the stack on the fill and kill line to be closed unless drill string is being pulled.
- 3). Kill line is for emergency use only. This connection shall not be used for filling.
- 4). Replacement pipe rams and blind rams shall be on location at all times.
- 5). Only type U, LSW and QRC ram type preventers with secondary seals are acceptable for 5000 psi WP and higher BOP stacks.
- 6). Type E ram-type BOP's with factory modified side outlets may be used on 3000 psi or lower WP BOP stacks.

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5 IC 17 States Contract



3000<sup>#</sup> PSI WORKING PRESSURE BLOWOUT PREVENTER HOOK-UP

> The blowout preventer assembly shall consist of one single type blind ram preventer and one single type pipe ram preventer, both hydraulically operated; a Hydril "GK" preventar; a rating blowout preventer; volves; chokes and connections, as illustrated. If a toperad drill string is used, a ram preventer must be provided for each iste of drill pipe. Casing and tubing rams to fit the preventers are to be available as needed. If correct in size, the flanged outlets of the ram preventer may be used for connecting to the 4-inch 1.D. choke flow line and 4-inch I notice flanged outlets of the ram preventer may be used for connecting to the 4-inch 1.D. choke flow line and 4-inch in pairs flanged. I.D. relief line, except when air or gas drilling. All preventer connections are to be open-face flanged.

Minimum operating equipment for the preventers and hydraulically operated volves shall be as follows: (1) Multiple pumps, driven by a continuous source of power, capable of fluid charging the total accumulator valume from the

aitrogen precharge pressure to its rated pressure within \_\_\_\_\_\_ minutes. Also, the pumps are to be connected to the hydraulic operating system which is to be a closed system. (2) Accumulators with a precharge of nitrogen of not less than 750 PSI and connected so as to receive the aforementioned fluid charge. With the charging pumps shut down, the pressurized fluid volume stored in the accumulators must be sufficient to close all the pressure-operated devices simultancously within \_\_\_\_\_\_ seconds; after closure, the remaining accumulator pressure shall be not less than 1000 PSI with the remaining accumulator fluid volume at least \_\_\_\_\_\_ percent of the original. (3) When requested, on additional source of power, remate and equivalent, is to be available to operate the above pumps; or there shall be additional pumps operated by separate power and equal in performance capabilities.

The closing menifold and remote closing manifold shall have a separate control for each pressure-operated device. Controls are to be labeled, with control bandles indicating open and closed positions. A pressure reducer and regulator must be provided for operating the Hydril preventer. When requerted, a second pressure reducer shall be available to limit operating fluid pressures to ram preventer. Colf Legion No. 38 hydraulic ail, an equivalent or better, is to be used as the fluid in operate the hydrocitic equipment.

The choice monifold, choice flow line, relief line, and choice lines are to be supported by metal stands and adequately anchored. The choice flow line, relief line, and choice lines shall be constructed as straight as possible and without sharp bends. Easy and safe access is to be maintained to the choice manifold. If deemed necessary, wolkways and stairways thall be treated in and around the choice manifold. All valves are to be selected for operation in the presence of all, gas, and cirlling fluids. The choice flow line valves and relief line valves connected to the drilling spool and all ram type manifold. All valves are to be selected for operation in the presence of all, gas, and cirlling fluids. The choice flow line valves and relief line valves connected to the drilling spool and all ram type preventers must be equipped with stem extensions, universal joints if needed, and hand wheels which are to extend beyond the edge of the derrick substructure. All other valves are to be equipped with hendles.

\* To include derrick floor mounted controls.

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