District 1 PO Box 1980, Hobbs, NM 88241-1980 District [

PO Drawer DD, Artesia, NM 88211-0719 District III

1000 Rio Brazos Rd., Azzec, NM 87410

District IV

PO Box 2088, Santa Pe, NM 87504-2088

State of New Mexico Energy, Minerals & Natural Resources Department

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

USF Form C-101 Revised February 10, 1994 BM Instructions on back 34

Submit to Appropriate District Office OP

State Lease - 6 Copies

Fee Lease - 5 Copies

AMENDED	REPORT

APPLICA	TION I	FOR PE	RMIT '	ro dri	LL, RE-EN	TER, DE	EPE	NEPEUGR	ACK:	OR A	DD A ZONE
				-	me and Address.		i) (1	₩ (S	ه را	GRID Number
		M	IACK I	ENERG	Y CORPO	RATION		GON O A	/ 00=		013837
	P.O.BOX 960 107 8 0 1995							1995		API Number	
A =			A	RTESIA,	NM 88211-096		A				15-28759
·	ety Code					reperty Name	जुग			W .	* Well No.
15	854					George State		DIST	3		3
		r			⁷ Surface						
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South	line	Feet from the	East/V	Vest line	County
J	12	17	28	L	1650	SOUTH		1650		AST	EDDY
			roposed	Bottom	Hole Locat	ion If Diff	егег	it From Sur	face	_	
UL or let me.	Section	Township	Range	Lot Idn	Feet from the	North/South	line	Feet from the	East/V	Vest line	County
		Prope	sed Pool 1	L	1	<u> </u>		" Propos	ed Pool	2	<u> </u>
(.		SWD;CI	SCO 9609	9							
" Work 7	C. 1	- 1	12 and 10 an								
			" Well Typ	t Code		le/Rotary 14 Lease Type Code			14 Ground Level Elevation		
N Mar			17 Proposed	Donth	R				3710' Spud Date		
N		Ì	8800	DE PAR					-		
144	<u></u>			Propose	CISO ed Casing a			ARUE DRILLI	NG		12-5-95
Hole Si	ne i	Cas	ng Size		ng weight/foot						Estimated TOC
17 1/2	<u>' </u>	13	3/8"		54#	300' 350 sx CII			CIRC		
12 1/2	"	8.5	/8"		24#	2670'		1500) sx		CIRC
7 7/8"		5	/2"		17#	8800'		1000) sx		CIRC
										l l	
Mack ener run 5 1/2" corrosion i	the blowout gy propos casing an nhibited t	ses to drill d cement. fluid. Set j	to 300', re Perf Ciso	any. Use ad un 13 3/8" o formation	ditional sheets if a casing and cem	nent. Drill to 2 astic coated the	26 7 0'.	, run 8 5/8" casi trump packer. S	ing and Set Pacl	cement. ker at 860	Drill to 8800'.
²³ I hereby certify of my knowledge			on above is	true and comp	lete to the best	OI	LC	ONSERVA	rion	אועום	SION
Signature:	, 4400 OCHEI . 	/i	1	(a t	- A			INAL SIGNE			
Printed name:		Crissa D	Carter	(_ a (RICI II SUPE			
Title:		Production				pproval Date:		20/0-	Expiration	Date:	#
Date:		Toduction	Phone:		C	onditions of Appr		20/95	• • •	6	120/96
11-29-95 (505) 748-1288 Attached											

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT III 1000 Rio Brazon Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Nar	ne	
30-015-28759	96099	SWD;Cisco		
Property Code	Property Name			
15854	BIG GEORGE STATE			
OGRID No.	Opera	ator Name	Elevation	
013837	MACK ENERGY CORPORATION			

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	12	17 S	28 E		1650	SOUTH	1650	EAST	EDDY

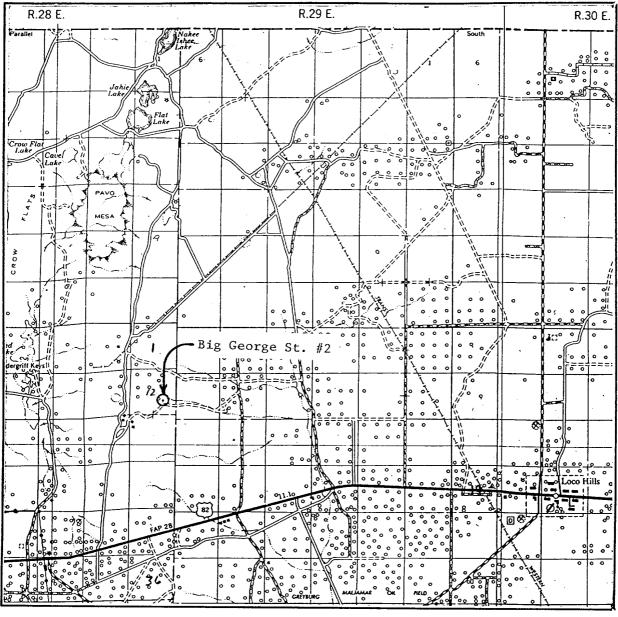
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or	· Infill Cor	nsolidation (Code Ore	ler No.				

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

···	OR A NON-STANDA	ARD UNIT HAS BEEL	N APPROVED I	BY THE DIVISION
				OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
		+		Signature Crissa D. Carter
		 		Printed Name Production Clerk Title //-29-95
		 		SURVEYOR CERTIFICATION I hereby certify that the well location shown
		\ 	1650'	on this plat was plotted from field notes of actual surveys white is spirite or under my supervisors are right fisher come, is true and correct to the gesself me that
				Date Surveyed 2 3 Signature 4 Seal of Professioner Surveyor 3
				W.O. Num. 94-11-1780 Certificate No. JOHN W. WEST, 676 RONALD J. EIDSON, 3239

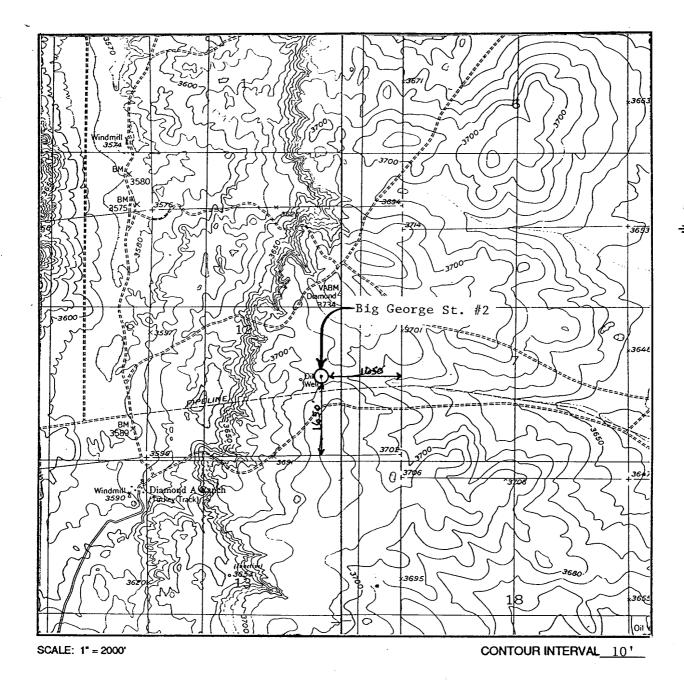
VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 12 TWP. 17 S RGE. 28 E SURVEY N.M.P.M. COUNTY Eddy STATE N.M. DESCRIPTION 1650' FSL & 1650' FEL ELEVATION 3710' OPERATOR Mack Energy Corp. LEASE Big George State No. 2

LOC TION VERIFICATION MAP



SEC. 12 TWP. 17 S RGE. 28 E						
SURVEY_ N.M.P.M.						
COUNTY Eddy STATE N.M.						
DESCRIPTION 1650' FSL & 1650' FEL						
ELEVATION 3710'						
OPERATOR Mack Energy Corp.						
LEASE Big George State No. 2						
U.S.G.S. TOPOGRAPHIC MAP						
Red Lake						

District I PO Box 1980, Hobbs, NM 88241-1980 District II 811 S. 1st Street Artesia, NM 88210-1404 District III 1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico

Energy, Minerals & Natural Resources Department

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

Form C-104 Revised February 10, 1994 Instructions on back

Submit to Appropriate District Office 5 Copies

UL or lot no. Section Township Range Lot. Idn Feet from the North/South Line Feet from the East/West Line County Bottom Hole Location UL or lot no Section Township Range Lot. Idn Feet from the North/South Line Feet from the East/West Line County Lease Code Producing Method Code Gas Connection Date C-129 Permit Number C-129 Effective Date C-129 Expiration Date III. Oil and Gas Transporters Transporter OGRID Transporter Name and Address POD O/G POD ULSTR Location and Description North/South Line Feet from the East/West Line County C-129 Expiration Date C-129 Effective Date C-129 Expiration Date North/South Line Feet from the East/West Line County C-129 Expiration Date North/South Line Feet from the East/West Line County C-129 Expiration Date North/South Line Feet from the East/West Line County C-129 Expiration Date North/South Line Feet from the East/West Line County C-129 Expiration Date North/South Line Feet from the East/West Line County C-129 Expiration Date North/South Line Feet from the East/West Line County C-129 Effective Date C-129 Expiration Date North/South Line Feet from the East/West Line County C-129 Expiration Date North/South Line Feet from the North/South Line Feet from the East/West Line County C-129 Expiration Date North/South Line Feet from the North/South Line Feet from the East/West Line County C-129 Expiration Date North/South Line Feet from the North/South Line Feet from the East/West Line County C-129 Effective Date C-129 Effective Date C-129 Effective Date C-129 Expiration Date North/South Line Feet from the North/South Line Feet from the North/South Line Feet from the East/West Line County C-129 Expiration Date C-129 Effective Date C-129 Effective Date C-129 Effective Date C-129 Effective Date C-129 Expiration Date C-129 Effective	District IV PO Box 2088, Santa	a Fe, NM 87504-	-2088		Santa r	C, 14 141	01201	1-2000				AMENI	DED REPORT	
MACK EMERGY CORPORATION P.O. BOX 960 ARTESIA, MM 88211-0960 ARTESIA, MM 88211-0960 PROFESSION Seed Seed Seed Seed Seed Seed Seed See	I	P	≀EQUEST	FOR A	LLOWAE	3LE AN	ND AU	JTHOR	IZAT	ION TO TE				
API Number P.O. BOX 960 ARTESIA, NM 88211-0960 API Number 30-015-28759 SWD, CISCO 96099 Fragery Code 15854 Bog George State 30-015-28759 SWD, CISCO 96099 Fragery Name Wall Number 30-015-28759 Swd Name S			•	•										
ARTESIA, NM 88211-0960 API Number API Number API Number API Number API Number API Number Foot Name South Foot Name South Foot Name South Foot Number Total and Coast on Township Ange Lot Ide Fee from the North-South Line Feet from the South Line County Bottom Hole Location U.c ele no Senson Township Range Lot Ide Feet from the North-South Line Feet from the North-South Line Feet from the South-Wat Line County Bottom Hole Location U.c ele no Senson Township Range Lot Ide Feet from the North-South Line Feet from the South-Wat Line County Leste Code Foot land Gas Transporters Township Towns	I		MACK			ATION			}	Reason for Filing Code				
APIN maker 30-015-228759 **TOPOTY COME*** **TOPOTY Mark SUDE CISCO **PROPERTY Mark SUDE CISCO **TOPOTY Mark SUDE CISCO **PROPERTY MARK SUDE CISCO **PROPE CISCO **PROPERTY MARK SUDE CISCO **P	I		ART			60					N	W		
Property Code Property Name Well Number 15854 Big George State 3 II. Surface Location Turnship Range Loc. Idn Feet from the Surface Loc attion County II. Surface Location Turnship Range Loc. Idn Feet from the Surface Loc attion Locate Code Gas Cannection Date C-129 Fermi Number C-129 Effective Date C-129 Expiration Date Locate Code Loc attion Locate Code Gas Cannection Date C-129 Fermi Number C-129 Effective Date C-129 Expiration Date Locate Code Loc attion Locate Code Loc attion Locate Code Case Cannection Date C-129 Fermi Number C-129 Effective Date C-129 Effective Date C-129 Expiration Date Locate Code Loc attion Locate Code Loc attion Locate Code Loc attion Locate Code Locate Code Loc attion Locate Code Locate Code Code Locate Code Locate Code Locate Code Locate Code L	AP	Number										Pool		
1. S8.54 Big George State 3		<u></u>									_		11 1 1	
II. Surface Location Ducylothe Section Township Zange Lint. Idn Feet from the South Info East County						•	•							
Bottom Hole Location U. or locan Section Township Range Loc. Ich Peer from the North-South Line Feet from the East-West Line Country Least Code Producing Method Code Gas Connection Date C-125 Permi Number C-125 Effective Date C-129 Expression Date S III. Oil and Gas Transporters Transporter Number Sund Address III. Oil and Gas Transporters Number and Address V. Well Completion Data S 9 st d D site Ready Date Ready Date All 11/197 Soldy S III. S 18 st Eddy POD Ord Feet from the East-West Line C-129 Expression Date C-129 Expression and Description W. Well Completion Data S 9 st d D site Ready Date Ready Date S 10 D PBTD Perforations 4/11/97 Soldy S III. S 18 st Eddy POD Ord Feet from the East-West Line C-129 Expression Date C-	II. Su	rface L			,									
Bottom Hole Location Series Township Range Loc Ion Feet from the North-South Line Feet from the East-West Line County	•				Lot. ldn			1			East/West	Line	·	
GLories no Series Township Range Lott the Peer from the North-South Line Feet from the Bast/West Line County Lease Code Producing Method Code Gas Connection Date C-129 Fermi Number C-129 Effective Date C-129 Expiration Date S OI and Gas Transporters Transporter Name and Address POD OG FOULSTR Location and Description WLAY 2.7 (2)37 IV. Produced Water FOD POD ULSTR Location and Description V. Well Completion Data S to d D a tre 4/11/07 S-14/407 8409 8376 8377-8409 Open Hole Sease Counters 17 1/2 13 3/8 289 350 11 8 5/8 2663 900 7 7/8 5 1/2 8360 1150 VI. Well Test Data Date New Oil Gas Delivery Date Test Date Test Date Test Length Top. Pressure Chief Size Counters Of Sease Counters Water Gas No Fressure OIL CONSERVATION DIVISION Approved by: OIL CONSERVATION DIVISION Approved Date: Divined name Crissa D. Carfer Time Production Clerk Date: \$72297 Phone (505)748-1288 Trais is a change of operator fit in the OGND number and name of the previous operator. Name: OGRID 5:					<u></u>	16.	50	Sou	ıth	1650	East	t l	Eddy	
S III. Oil and Gas Transporters Transporter Sense and Address POD OIG POD ULSTR Location and Description NEAY 2, 7 1937 IV. Produced Water POD BOULSTR Location and Description NEAY 2, 7 1937 V. Well Completion Data S p u d D u te Ready Date TD PBTD Perforations S p u d D u te Ready Date TD PBTD Perforations 10 11 12 13 3/8 289 350 11 8 5/8 2663 990 11 8 5/8 2663 990 11 8 5/8 2663 990 11 8 5/8 2663 990 11 8 5/8 8 2663 990 11 8 5/8 8 2663 990 11 9 10 10 10 10 10 10 10 10 10 10 10 10 10			., 	, ,	Lot. Idn	Feet fron	n the	North/So	uth Line	Feet from the	East/West	Line	County	
S III. Oil and Gas Transporters Transporter Sense and Address POD OIG POD ULSTR Location and Description NEAY 2, 7 1937 IV. Produced Water POD BOULSTR Location and Description NEAY 2, 7 1937 V. Well Completion Data S p u d D u te Ready Date TD PBTD Perforations S p u d D u te Ready Date TD PBTD Perforations 10 11 12 13 3/8 289 350 11 8 5/8 2663 990 11 8 5/8 2663 990 11 8 5/8 2663 990 11 8 5/8 2663 990 11 8 5/8 8 2663 990 11 8 5/8 8 2663 990 11 9 10 10 10 10 10 10 10 10 10 10 10 10 10														
III. Oil and Gas Transporters Transporter OORD Transporter Mane and Address POD O'G POD ULSTR Location and Description MAY 9, 7 (307) IV. Produced Water POD ULSTR Location and Description V. Well Completion Data Spud Date Ready Date TD PBTD Perforations Spud Date Ready Date TD PBTD Perforations 10 (197) World Completion Data Spud Date Ready Date TD PBTD Perforations 11 (197) May 9, 7 (307) Perforations 12 (197) May 9, 7 (307) Perforations 13 (198) 14 (197) May 9, 7 (307) Perforations 15 (198) 16 (198) 17 (197) May 9, 7 (307) Perforations 17 (197) Perforations 28 (28 (28 (28 (28 (28 (28 (28 (28 (28 (Producing	g Method Code	e Gas Co	onnection Date	; C-1	29 Perm	it Number		C-129 Effective I	Date	_C-129 E	xpiration Date	
Transporter Name and Address IV. Produced Water POD ULSTR Location and Description ALM 2, 7 (237) ALM 2, 7	<u> </u>	and Gas	Transno	rters						··				
IV. Produced Water POD POD ULSTR Location and Description V. Well Completion Data Spud Date TD PBTD PBTD Perforations 8376 8377-8409 Open Hole 8409 8376 8377-8409 Open Hole 17 1/2 13 3/8 289 350 11 8 5/8 2663 900 7 7/8 51/2 8360 1150 2 7/8 8234 VI. Well Test Data Date New Oil Gas Delivery Date Test Date Test Length The, Pressure Cas, Pressure Choke Size Oil Water Oas AoF Tell Method I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Crissa D. Carter Title Production Clerk Date: 5/22/97 Phone (505)748-1288 If this is a change of operator fill in the OORID number and name of the previous operator. Name: OORID #:	Transporte	er		Fransporter Nar		<u> </u>	POD	·]	O/G					
IV. Produced Water POD ULSTR Location and Description V. Well Completion Data Spart JD 2 For J3-97 V. Well Completion Data Spart JD 2 For J3-97 For J4-197 Spart JD 2 For J4-197 Sado Bas A Tabling Size Depth Set Sacks Cement 17 1/2 13 3/8 289 350 11 8 5/8 2663 900 77/8 5 1/2 8360 1150 VI. Well Test Data Date New Oil Gas Delivery Date Test Date Test Date Choke Size Oil Water Choke Size Oil Water Choke Size Oil Test Date Choke Size Oil Water Choke Size Oil Water Gas Delivery Date Test Date OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: District It SUPERVISOR Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: District It SUPERVISOR Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: District It SUPERVISOR Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: District It SUPERVISOR Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: District It SUPERVISOR Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: District It SUPERVISOR Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: District It SUPERVISOR Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: District It SUPERVISOR Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: District It SUPERVISOR Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: District It SUPERVISOR Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: District It SUPERVISOR Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: District It SUPERVISOR Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: District It SUPERVISOR Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: District It SUPERVISOR Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: District It SUPERVISOR Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: District It SUPERVISOR Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: ORIGIN	00			and Audiess		+				y ******** € Section				
IV. Produced Water POD ULSTR Location and Description V. Well Completion Data Spud Date Ready Date TD PBTD Refresations 4/11/97 \$/14/97 8409 8376 8377-8409 Open Hole Blote Size Casing & Tubing Size Depth Set Sacks Cement 17 1/2 13 3/8 289 350 11 8 5/8 2663 900 7 7/8 5 5 1/2 8360 1150 VI. Well Test Data Date New Oil Gas Delivery Date Test Date Test Date Tost Length Tbg. Pressure Csg. Pressure Choke Size Oil Water Gas Delivery Date Test Date Tost Length Tbg. Pressure Csg. Pressure Choke Size Oil Water Gas Delivery Date Test Date Tost Length Tbg. Pressure Csg. Pressure Thereby certify that the rates of the Oil Conservation Division have been compiled with and that the information given above is true and complete to the best of my innoveledge and belief. Signature: Printed name: Crissa D. Carter Title Production Clerk Approved by: Date: \$/22/97 Phone (\$05)748-1288 If this is a change of operator fill in the OGRID number and name of the previous operator. Name: OGRID #:										i Vi	Teacht.	* 1.18	State Park	
IV. Produced Water POD ULSTR Location and Description V. Well Completion Data Spud Date Ready Date TD PBTD Refresations 4/11/97 \$/14/97 8409 8376 8377-8409 Open Hole Blote Size Casing & Tubing Size Depth Set Sacks Cement 17 1/2 13 3/8 289 350 11 8 5/8 2663 900 7 7/8 5 5 1/2 8360 1150 VI. Well Test Data Date New Oil Gas Delivery Date Test Date Test Date Tost Length Tbg. Pressure Csg. Pressure Choke Size Oil Water Gas Delivery Date Test Date Tost Length Tbg. Pressure Csg. Pressure Choke Size Oil Water Gas Delivery Date Test Date Tost Length Tbg. Pressure Csg. Pressure Thereby certify that the rates of the Oil Conservation Division have been compiled with and that the information given above is true and complete to the best of my innoveledge and belief. Signature: Printed name: Crissa D. Carter Title Production Clerk Approved by: Date: \$/22/97 Phone (\$05)748-1288 If this is a change of operator fill in the OGRID number and name of the previous operator. Name: OGRID #:											MEZY	<u>0719</u>	ন্য	
V. Produced Water POD ULSTR Location and Description											Bent .			
V. Produced Water POD ULSTR Location and Description										7.2				
V. Produced Water POD ULSTR Location and Description														
V. Produced Water POD ULSTR Location and Description											W-74			
V. Produced Water POD ULSTR Location and Description												n 4		
V. Well Completion Data S p u d D a te Ready Date T D PBTD Perforations 4/11/97 S/14/97 8409 Depth Set Sacks Cement 17 1/2 13 3/8 289 350 11 8 5/8 2663 900 7 7/8 5 1/2 8360 1150 2 7/8 8234 VI. Well Test Data Date New Oil Gas Delivery Date Test Date Choke Size Oil Water Gas A of Test Method I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Printed name: Crissa D. Carter Title Production Clerk Date: 5/22/97 Phone (505)748-1288 If this is a change of operator fill in the OGRID number and name of the previous operator. Name: OGRID #:	IV Prodi	aced Wa	otor									Yas/	IV &	
V. Well Completion Data S p u d D a te Ready Date T D PBTD Perforations 4/11/97 S/14/97 8409 8376 8377-8409 Open Hole Hole Size Casing & Tubing Size Depth Set Sacks Cement 17 1/2 13 3/8 289 350 11 8 5/8 2663 900 7 7/8 5 1/2 8360 1150 2 7/8 8234 VI. Well Test Data Date New Oil Gas Delivery Date Test Date Test Length Tbg. Pressure C sg. Pressure Choke Size Oil Water G as A of Test Method I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Printed name: Crissa D. Carter Title Production Clerk Date: 5/22/97 Phone (505)748-1288 If this is a change of operator fill in the OGRID number and name of the previous operator. Name: OGRID #:							POD UL	STR Locati	on and D	escription		con	5-1/ ms	
S p u d D a te Ready Date T D PBTD Perforations														
4/11/97 5/14/97 8409 8376 8377-8409 Open Hole Hole Size Casing & Tubing Size Depth Set Sacks Cement 17 1/2 13 3/8 289 350 11 8 5/8 2663 900 7 7/8 5 1/2 8360 1150 VI. Well Test Data Date New Oil Gas Delivery Date Test Date Test Length Tbg. Pressure Csg. Pressure Choke Size Oil Water Gas AoF Test Method I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: District II SUPERVISOR Title: DISTRICT II SUPERVISOR Title: DISTRICT II SUPERVISOR Approval Date: 5/22/97 Phone (505)748-1288 If this is a change of operator fill in the OGRID number and name of the previous operator. Name: OGRID #:	V. Well C	Complet Date	ion Data	Ready D	ate		ΤD	T		PBTD		Per	forations	
Hole Size Casing & Tubing Size Depth Set Sacks Cement 17 1/2 13 3/8 289 350 11 8 5/8 2663 900 7 7/8 5 1/2 8360 1150 2 7/8 8234 VI. Well Test Data Date New Oil Gas Delivery Date Test Date Test Length Tbg. Pressure Csg. Pressure Choke Size Oil Water Gas AOF Test Method I hereby certify that the rules of the Oil Conservation Division have been complete with and that the information given above is true and complete to the best of my knowledge and belief. Signature: OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: DISTRICT II SUPERVISOR Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: DISTRICT II SUPERVISOR Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: DISTRICT II SUPERVISOR Approval Date: JUN 6 1997. If this is a change of operator fill in the OGRID number and name of the previous operator. Name: OGRID #:				•							8			
11 8 5/8 2663 900 7 7/8 5 1/2 8360 1150 2 7/8 8234 VI. Well Test Data Date New Oil Gas Delivery Date Test Date Test Length Tbg. Pressure Csg. Pressure Choke Size O il Water Gas AoF Test Method I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: DISTRICT II SUPERVISOR Approval Date: 5/22/97 Phone (505)748-1288 If this is a change of operator fill in the OGRID number and name of the previous operator. Name: OGRID #:		Hole Size			sing & Tubing		-	D	·					
7 7/8 5 1/2 8360 1150 VI. Well Test Data Date New Oil Gas Delivery Date Test Date Choke Size Oil Water Gas AoF Test Method I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Printed name: Crissa D. Carter Title: Production Clerk Date: 5/22/97 Phone (505)748-1288 If this is a change of operator fill in the OGRID number and name of the previous operator. Name: OGRID #:				-					······································			· · · · · · · · · · · · · · · · · · ·		
VI. Well Test Data Date New Oil Gas Delivery Date Test Date Test Length Tbg. Pressure Csg. Pressure Choke Size Oil Water Gas AOF Test Method I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Printed name: Crissa D. Carter Title: DISTRICT II SUPERVISOR Title Production Clerk Approval Date: JUN 6 1997. If this is a change of operator fill in the OGRID number and name of the previous operator. Name: OGRID #:							-							
VI. Well Test Data Date New Oil Gas Delivery Date Test Date Test Length Tbg. Pressure Csg. Pressure Choke Size Oil Water Gas AOF Test Method I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Printed name: Crissa D. Carter Title Production Clerk Date: 5/22/97 Phone (505)748-1288 If this is a change of operator fill in the OGRID number and name of the previous operator. Name: OGRID #:		77/8					+					1150		
Choke Size Oil Water Gas Delivery Date Test Date Test Length Tbg. Pressure Csg. Pressure Csg. Pressure Csg. Pressure Oil Conservation Test Method Oil Conservation Oil Conservation	WI Well	Test De			2 //8		<u>_</u> L		8234					
I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Printed name: Crissa D. Carter Title: Production Clerk Date: 5/22/97 Phone (505)748-1288 If this is a change of operator fill in the OGRID number and name of the previous operator. Name: OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: DISTRICT II SUPERVISOR Approval Date: JUN 6 1997. OGRID #:	Date N	ew Oil		ivery Date	Test	Date		Test Le	ngth	Tbg. Pr	essure	Csg	. Pressure	
I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Printed name: Crissa D. Carter Title: Production Clerk Date: 5/22/97 Phone (505)748-1288 If this is a change of operator fill in the OGRID number and name of the previous operator. Name: OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: DISTRICT II SUPERVISOR Approval Date: JUN 6 1997. OGRID #:			<u> </u>		<u> </u>									
with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Printed name: Crissa D. Carter Title Production Clerk Date: 5/22/97 Phone (505)748-1288 OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: DISTRICT II SUPERVISOR Approval Date: JUN 6 1997 If this is a change of operator fill in the OGRID number and name of the previous operator. Name: OGRID #:	Chok	e Size	0	il	Wa	ter		Gas		A 0	F	T	est Method	
knowledge and belief. Signature: Printed name: Crissa D. Carter Title Production Clerk Date: 5/22/97 Phone (505)748-1288 If this is a change of operator fill in the OGRID number and name of the previous operator. Name: ORIGINAL SIGNED BY TIM W. GUM Title: DISTRICT II SUPERVISOR Approval Date: JUN 6 1997. OGRID #:		-				•						<u> </u>		
Printed name: Crissa D. Carter Title: District II SUPERVISOR Approval Date: Date: 5/22/97 Phone (505)748-1288 If this is a change of operator fill in the OGRID number and name of the previous operator. Name: ORIGINAL SIGNED BY TIM W. GUM Title: DISTRICT II SUPERVISOR Approval Date: OGRID #:			on given above is	s true and com	iplete to the best	of my		O]	IL CO	NSERVAT	ION D	IVISIO	N	
Printed name: Crissa D. Carter Title: DISTRICT II SUPERVISOR Approval Date: JUN 6 1997. Date: 5/22/97 Phone (505)748-1288 If this is a change of operator fill in the OGRID number and name of the previous operator. Name: OGRID #:	Signature:	(1 Susse	<u>).('</u>	aite	<u></u>	Approv	/ed by:	UDIC!	MAI SIGNES	n by tip	4 W. GI	JM	
Production Clerk Date: 5/22/97 Phone (505)748-1288 If this is a change of operator fill in the OGRID number and name of the previous operator. Name: OGRID #:	Printed name:		Crissa D.	Carter			Title:						P 144	
If this is a change of operator fill in the OGRID number and name of the previous operator. Name: OGRID #:			Production	n Clerk			Appro	val Date:		JUN	6 19	97		
	<u> </u>													
Previous Operator Signature Printed Name Title Date	If this is a char	nge of operato	or fill in the OGRI	ID number and	I name of the prev	vious operate	or.	Name:			OC	GRID #:		
		Previous O	perator Signature		P	rinted Name	e			Title		D	ate	

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT 1
P.O. Box 1980, Hobbs, NM 88240

DISTRICT: II 811 South First, Artesia, NM 88210

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT III

State of New Mexico
Energ linerals and Natural Resources Department

Form C Revise

WELL APINO.

Form C-105 C

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87505

30-015-28759

5. Indicate Type of Lease
STATE FEB

6. State Oil & Gas Lease No.

V-3138

WELL C	OMPLETIC	ON OR RE	COMPLE	TION REP	ORT A	ND L	OG		27 E 1878	(Alley)		
1. Type of Well: OIL WELL	GAS W	ELL	DRY	OTHER		SWI)		. Lease Name	or Unit Agre	em ent N	am e
b. Type of Completion: NEW WORK WELL OVER	Deepen	PLUG BACK		DUFF RESYN OTH	(ER	18. 9 to 18. 18.				Big Georg	ge State	
2. Name of Operator							1,752		8. Well No.	2.8 3.0.7	34.5	
Mack Energy Corpo	oration			inae	/ 27	2000	7			3		
3. Address of Operator			-	18.7°C	fj. I	1357			9. Pool name o			
P.O. Box 960, Artes	ia, NM 8821	1-0960	<u></u>		<u> </u>					SWD, C	Cisco	
Unit Letter _	<u>J</u> : 1	650 Feet	From The	Sout	h	Lin	eand _	1650	Feet Fre	om The	Ea	St Line
Section	12	Town	-	17S	Range	- 1	28E	N M		Eddy		County
10. Date Spudded	11. Date TD R	1	12. Date C	ompl. (Ready to	Prod.)		13. Eleva		& RKB, RT, GR	, etc.) 1	4. Elev.	Casinghead
4/11/97	4/29			5/14/97			1		24 KB	<u> </u>	0.11.7	3710
15. Total Depth 8409	16. Plu	g Back TD 8376		17. If Multiple Comp Many Zones?	pi. How		18.	Intervals Drilled B	Rotary Tools	1	Cable T	oots
19. Producing Interval(s), of this comple	-	ottom, Name 377-8409.						20). Was Direc	tional Su Yes	
21. Type Electric and Ot GAMMA RAY, NE		±1		·	.,				22. Was Wel		Io	
23.	0111011, 02			ECORD (R	enort	all s	 trings	set in v	vell)			
CASING SIZE	WEIGH	T LB./FT.		TH SET	_	LE SIZ	_		1ENTING RE	CORD	AM	OUNT PULLED
13 3/8		54	2	289		17 1/2			Circ, 350 s	xs		NONE
8 5/8		24	20	663		11			Circ, 900 s	xs		NONE
5 1/2		17	8.	360		7 7/8	_		475, 1150 s	1150 sxs NONE		NONE
												
24.			ER RECO	1	T			25.		DEPTH		
SIZE	TOP	BO	ттом	SACKS CEM	MENT	SC	SCREEN		0122			PACKER SET
									2 1/0	8234	1	
26. Perforation reco	rd (interval	cize and n	umber)	- .		27	A C I D	SHOT F	RACTURE	CEMEN	r. sou	JEEZE, ETC.
26. Ferroration reco	iu (intervar,	size, and in	dinoci ,			<u> </u>	TH INT		1			ERIAL USED
	8377-8	409 Open H	lole				8377-8	3409		Na	tural	
		•										
20				PRODUC	CTIO	I						
Date First Production		Productio	n Method (1	Flowing, gas lift			and typ	e pump)		Well Stat	us (Prod	. or Shut-in)
Date of Test	Hours Teste	d C	hoke Size	Prod'n For Test Period		il - Bbl		Gas - M	CF W	ater- Bbl.		Gas - Oil Ratio
Flow Tubing Press.	Casing Pres		alculated 24 our Rate	- Oil - Bbl.		Gas	- MCF	w:	nter- Bbl.	Oil Grav	ity - AP	I - (Corr. <i>)</i>
29. Disposition of Gas (S	Sold, used for fu	el, vented, etc.)			_l			Test Wi	tnessed By		****
30. List Attachments						 -			1			
31. I hereby certify th	at the informa	tion shown o	n both side	es of this form	is true	and co	mplete	to the besi	of my knowle	edge and be	lief	
Signature C	isa D.	Cart	— р	rinted Jame	Crissa			Title	Deadua	tion Clerk	Dat	e <u>5/22/97</u>
			· ·									· · · · · · · · · · · · · · · · · · ·

Deviation surveys taken on Mack Energy Corporation's Big George #3 well in Eddy County, New Mexico:

Depth	Degree
290	·75
729	.75
1182	.75
1652	.25
2151	1.25
2245	.75
2670	1.00
3150	.75
3650	.75
4121	.25
4619	.75
5153	.75
5649	1.25
5897	1.00
6174	.50
6547	1.00
6794	1.75
7242	.75
7713	1.00
8179	.50

I hereby certify that I have personal knowledge of the facts placed on this sheet and that such information given above is true and complete.

Norton Drilling Company

Before me, the undersigned authority, on this day personally appeared John W. Norton, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is the drilling contractor of the well identified in this instrument and that such well was not intentionally deviated from the vertical whatsoever.

John W. Norton

SWORN AND SUBSCRIBED TO before me this 7th day of May 1997.

PAT FARRELL
Notary Public, State of Texas
My Commission Expires 04-09-2000

Notary Public in and for Lubbock County, Texas.

155

Submit 3 Copies to Appropriate	State of New Mo Energy, Minerals and Natural R			Form C-103 Revised 1-1-89
District Office DISTRICT I	OIL CONSERVATIO	-		l
P.O. Box 1980, Hobbs NM 88240	2040 South Pach		WELL API NO.	
DISTRICT II 811 South First, Artesia, NM 88210	Santa Fe, New Mex	ico 87505	30-015-28759 5. Indicate Type of Lease	
DISTRICT III 1000 Rio Brazos Rd, Aztec, NM 87410			6. State Oil & Gas Lease No.	re 🖾 FEE 🗌
			B-3138	
(DO NOT USE THIS FORM FOR PI DIFFERENT RE	OTICES AND REPORTS ON WIROPOSALS TO DRILL OR TO DEEPEN (SERVOIR. USE "APPLICATION FOR PINGE OF THE PROPOSALS).	OR PLUG BACK TO A	7. Lease Name or Unit Agree	nent Name
1. Type Of Well: OIL GAS			Dia Caanaa Stata	
WELL WELL LI	OTHER		Big George State	
2. Name of Operator Mack Energy Corporation			8. Well No.	
3. Address of Operator			9. Pool name or Wildcat	****
P.O. Box 960, Artesia, NM 88211	-0960		SWD	
	50 Feet From The South	Line and16.	50 Feet From The	East Line
Section 12	Township 17S Ra	ange 28E	nmpm Eddy	County
	10. Elevation (Show whether			
11. Check	Appropriate Box to Indicate 1	Nature of Notice, Re	eport, or Other Data	
NOTICE OF IN	TENTION TO	SUB	SEQUENT REPORT	OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING	CASING
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLING	OPNS. PLUG ANI	D ABANDONMENT
PULL OR ALTER CASING		CASING TEST AND CE	MENT JOB	
OTHER:		OTHER	TD, Cement Long String C	sg 🗵
12. Describe Proposed or Completed O work) SEE RULE 1103.	perations (Clearly state all pertinent details	, and give pertinent dates, incl	uding estimated date of starting an	y proposed
4/30/97 T.D. 7 7/8" Hole @ 840	9. RIH w/guide shoe,Packer Stage	e collar (Davis Lynch) &	& 195 jts 5 1/2" 17# J-55 L	T&C.
and casing @ 8377'. Top of Packer	Stage collar @ 8360' & DV Tool	@ 4487'. RU BJ & pun	np capacity of csg. Drop be	omb & wait 45 min.
ressure up on packer until Packer	opened @ 600#. Broke Circulation	n w/55 bbls, Cemented	d 1st stage with 400 sx 35/6	55 6, 3# salt,
/4# CF, & 200 sx 50/50 C Poz, 2%	gel, 5/10 FL-25, 5# salt. Open D	V Tool Circ Hole for 8	hours did not circulate out	any cement.
Cemented 2nd stage with 450 sx 35.	/65 6, 3# salt, 1/4# CF, & 100 sx 5	50/50 C Poz, 2% gel, 5	7/10 FL-25, 5# salt.	
Did not Circulate cement to surface.	WOC 12 hrs, Ran Temperature Su	rvey and found TOC	2 475'. WOC tstd csg to 60	00# for 20 minutes -
eld okay.				

he information above is true and complete to the best of my knowledge and belief. Vice President 5/6/97 SIGNATURE -TELEPHONE NO. 748-1288 TYPE OR PRINT NAME Robert C Chase

(This space for State Use)

APPROVED BY-

ORIGINAL SIGNED BY TIM W. GUM DISTRICT II SUPERVISOR

_ TITLE ___

MAY 1 4 1997

Submit 3 Copies to Appropriate District Office

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-103	(
Revised 1-1-8	9

(This space for State Use)	signed by tim w. Q					8 1997
TYPE OR PRINT NAME		Robert C Chase	e		TELEPHONE NO.	748-1288
I hereby certify that the information above	is true and complete to the best of n	ny knowledge and belie		President	DATE4	1/17/97
Tested csg to 1800# f/30 minute	s - held okay.					
BJ Cement with 650 sacks 35/65		ele tail in with 2	50 sacks Class C	with 2% CaCl, Ci	rc 121 sacks. WOC	218 hours,
4/16/97 TD 11" hole at 2670', 1	POH with drill pipe and c	ollars and bit, RI	H with 64 joints	8 5/8" 32# ST&C	J-55 csg. Landed c	asing at 2663
sacks Class C 2% CaCl, Circ 5 s	•					
4/12/97 POH with drill pipe and		oints 13 3/8" 54	# ST&C K-55. La	anded casing at 28	9'. BJ Service Cen	nent with 350
173', POH Rig up and run reame		.o, iig up iun i	. 570 - Cag. Would	not go past		
work) SEE RULE 1103. 4/11/97 7 a.m. Spud 17 1/2" Ho	ole. TD - 17-1/2" Hole at 20	90', rig un run 15	3/8" esa would	not go nast		
12. Describe Proposed or Complet	ed Operations (Clearly state al	l pertinent details, an	d give pertinent dates,	including estimated da	te of starting any propos	ed
OTHER:		🔲 c	THER	TD, cr	nt csg	
PULL OR ALTER CASING		c	ASING TEST AND	CEMENT JOB		
TEMPORARILY ABANDON	CHANGE PLANS	;	COMMENCE DRILL	ING OPNS.	PLUG AND ABAN	DONMENT [
PERFORM REMEDIAL WORK	PLUG AND ABAI	NDON F	REMEDIAL WORK		ALTERING CASIN	G
NOTICE OF	INTENTION TO		Sl	JBSEQUENT	REPORT OF:	
	eck Appropriate Box t	o Indicate Na		-		
e i democrate	IO. Elevation)' GR			
Section 12	Township	17S Range	RKB, RT, GR, etc.)	NMPM	Eddy	County
	1650 Feet From The		Line and	Feet Fr	om TheEast	Line
4. Well Location	1650	South		1650 -	East	
P.O. Box 960, Artesia, NM 88	3211-0960			SWD		
Mack Energy Corporation 3. Address of Operator		<u> </u>		9. Pool name or	r Wildcat	
2. Name of Operator	OTHER			8. Well No.		
1. Type Of Well: OIL GAS GAS	OTHER	AT:	R 10 US7	Big George S	State	
(DO NOT USE THIS FORM FO DIFFEREN'	NOTICES AND REPC OR PROPOSALS TO DRILL O T RESERVOIR. USE "APPLIC FORM C-101) FOR SUCH PRO	R TO DEEPEN OR CATION FOR PERM	PLUG BACK TO A	7. Lease Name	or Unit Agreement Nan	ne
1000 Rio Brazos Rd, Aztec, NM 874	*10			B-3138	Jas Bease No.	
DISTRICT III				6. State Oil & O	STATE 🖾	FEE
DISTRICT II 811 South First, Artesia, NM 88210	Santa Fe,	New Mexico		30-015-2875 5. Indicate Type		
P.O. Box 1980, Hobbs NM 88240		2040 South Pacheco		WELL API NO.	.0	

District I PO Box 1980, Hobbs, NM 88241-1980 District II 811 S. 1st Street Artesia, NM 88210-1404 District III 1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico ergy, Minerals & Natural Resourses Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-101 Revised February 10, 1994 C S Instructions on back Submit to Appropriate District Office State Lease - 6 Copies Fee Lease - 5 Copies

District III PO Box 20
1000 Rio Brazos Rd, Aztec, NM 87410 Santa Fe, NM 87
District IV
PO Box 2088, Santa Fe, NM 87504-2088

	ı	
1	AMENDED	REPORT

APPLICA	TION	FOR PEI	RMIT	TO DRI	LL, RE-EN	TER, PE		CEME			DD A ZONE
				Mack E	nergy Corpor		N <i>û</i>	AR 1 8 1997		(11D Number 013837
					.O. Box 960 .NM 88211-0	•			NA OF	API Number 30-015-28759	
Proper	ty Code				Pr	operty Name	وليا ا	(GUN) - II	<u> </u>	T	Well No.
015854						George State		mast. 2			3
					Surface I	cocation					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South	line	Feet from the	East/W	est line	County
J	12	17S	28E	<u> </u>	1650	South		1650	I	East	Eddy
		Prop	osed I	Bottom I	Hole Locati	on If Diffe	eren	t From Surf	face		***************************************
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South 1	ine	Feet from the	East/W	est line	County
J											
		Proposed	I Pool 1					Propose	d Pool 2		
	· · · · · ·										
Work Ty	pe Code	W	ell Type	Code	Cable/	Rotary		Lease Type Code		Ground	Level Elevation
N	ſ		S		R			S		3710'	
Mult	tiple	P	roposed I	Depth Forma		ation		Contractor		Spud Date	
N			8800'		Cis	со		Norton			4/1/97
			P	roposed	Casing an	d Cement	Pro	gram			
Hole Si	ze	Casing	g Size	Casin	g weight/foot	Setting Dep		th Sacks of Cemen			
17 1/2		13 3			48	300		350		CIRC	
12 1/4		8 5		32		2670		1500		CIRC	
7 7/8		5 1.	/2	<u> </u>	17	8450	_	Suff. to Circ		CIRC	
and cemen	the blowout Mont. Drill to	t prevention p lack Energy 2670', run	rogram, if propose 8 5/8" ca h Hallibi	any. Use addes to Drill ausing and co	itional sheets if n Salt Water Di ement. Drill to	ecessary. sposal as follo 8450', run cas	ows:	Drill 17 1/2" ho and cement. Dr t well on as SW	ole to 30	00' , run 13	3 3/8" casing
I hereby certify to		ū	above is tr	ue and compl	ete to the best	OI	L C	ONSERVA	ΓΙΟΝ	DIVISI	ON
Signature (usaa) (a.(2					- A	pproval by:	ORK	GINAL SIGME	D BY	TIM W. (BUM
Printed name:	C	rissa D. C	arter		Ti	tle:	DIS	TRICT II SUP	ENVIS	OR	
Title:		roduction		****	A	pproval Date:	- 1	4-97	Expiration	Date 7_	24-98
Date:	<u> </u>		Phone:	(505)74	2 4 2 QQ	onditions of Appr				<u> </u>	<u> </u>
3/17/97 (505)748-1288					D-1200 A	Attached 🗆					

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

Form C-102

vised February 10, 1994 Instruction on back

MAR 1Summan Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT III

OIL CONSERVATION DIVISION P.O. Box 2088

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Pool Code	Pool Name				
96099	SWD;Cisco				
Property Name					
BIG GE	X 2 X 3				
O ₁	perator Name	Klevation			
MACK ENER	3710'				
	96099 Pr BIG GE	96099 SWD; Cisco			

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	12	17 S	28 E		1650	SOUTH	1650	EAST	EDDY

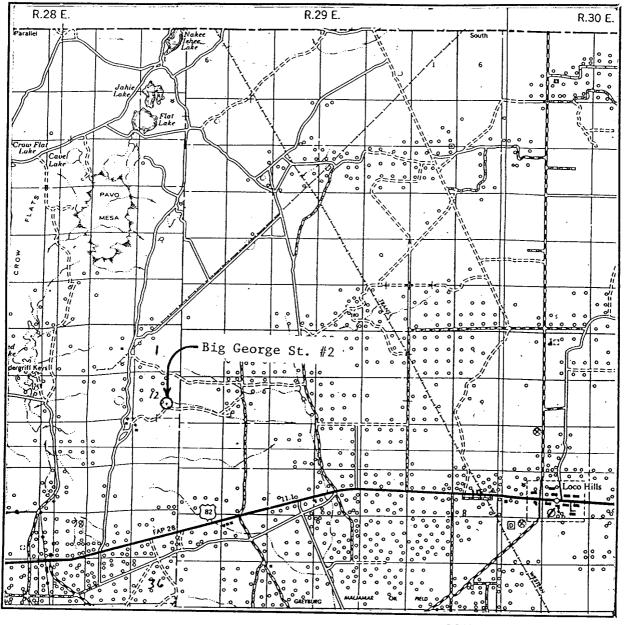
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acre	Joint o	r Infill Co	nsolidation (Code Or	der No.	1		<u> </u>	<u> </u>

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

OR A NON	-STANDARD UNIT HAS BEEN APPROVED BY	I THE DIVISION
		OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
		Crisa D. Carte
		Crissa D. Carter Printed Name
		Production Clerk
		7/-29-95 Date
		SURVEYOR CERTIFICATION
		I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made the location under my supervisor and that the following from a fire and correct to the that of 1785 being the
	1650'	Date Surveyed 3239 Signature & Scal of Professional Surveyor
	1650'	W.O. Num. 94-11-1780
		Certificate No. JOHN W. WEST, 676 RONALD J. EIDSON, 3239

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 12 TWP. 17 S RGE. 28 E

SURVEY N.M.P.M.

COUNTY Eddy STATE N.M.

DESCRIPTION 1650' FSL & 1650' FEL

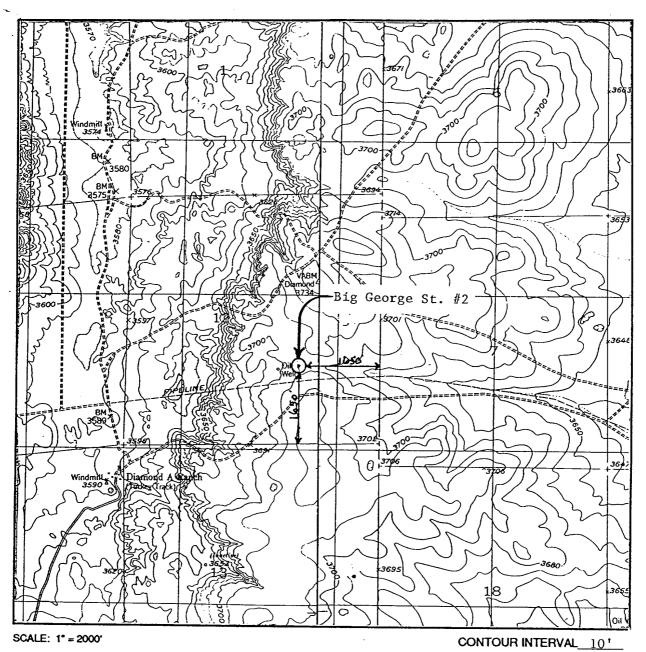
ELEVATION 3710'

OPERATOR Mack Energy Corp.

LEASE Big George State No. 2



LOCATION VERIFICATION LAP



SEC. 12 TWP. 17 S RGE 28 E

SURVEY N.M.P.M.

COUNTY Eddy STATE N.M.

DESCRIPTION 1650' FSL & 1650' FEL

ELEVATION 3710'

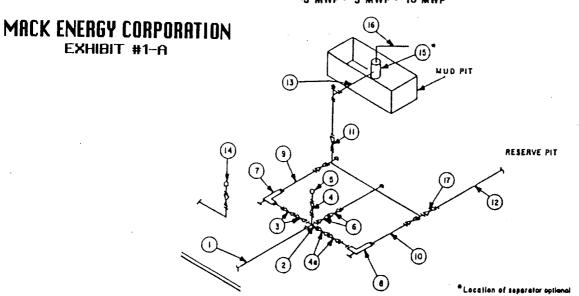
OPERATOR Mack Energy Corp.

LEASE Big George State No. 2

U.S.G.S. TOPOGRAPHIC MAP

Red Lake

MINIMUM CHOKE MANIFOLD 3,000, 5,000 and 10,000 PSI Working Pressure 2 M will be used or greater 3 MWP - 5 MWP - 10 MWP



			MINI	MUM REQU	JIREMENT	S				
			3,000 MWP			5,000 MWP			10,000 MWF	>
No.		I.D.	NOMINAL	RATING	I.D.	NOMINAL	DATING	I.D.	NOMINAL	RATING
1	Line from drilling spool		3*	3,000		3*	5,000		3*	10,000
. 2	Cross 3"x3"x3"x2"			3,000			5,000			
	Cross 3"x3"x3"x3"									10,000
3	Valves(1) Gate □ Plug □(2)	3-1/8"		3,000	3-1/8"		5,000	3-1/8*		10,000
4	Valve Gate □ Plug □(2)	1-13/16*		3,000	1-13/16"		5,000	1-13/16*		10,000
48	Valves(1)	2-1/16*		3,000	2-1/16"		5,000	3-1/8"		10,000
5	Pressure Gauge			3,000			5,000			10,000
8	Valves Gate □ Plug □(2)	3-1/8"		3,000	3-1/8*		5,000	3-1/8*		10,000
7	Adjustable Choke(3)	2*		3,000	2.		5,000	2"		10,000
в	Adjustable Choke	1"		3,000	1.		5,000	2.		10.000
9	Line		3*	3,000		3*	5,000		3*	10,000
10	Line		2"	3,000		2.	5,000		3.	10,000
11	Valves Gale □ Plug □(2)	3-1/8"		3,000	3-1/8*		5,000	3-1/8*		10,000
12	Lines	1	3*	1,000		3*	1,000		3.	2,000
13	Lines		3*	1,000		3*	1,000		3.	2,000
14	Remote reading compound standpipe pressure gauge			3,000			5,000			10,000
15	Gas Separator	1	2'x5'			2'x5'			2'x5'	
16	Line		4"	1,000		4*	1,000		4.	2.000
17	Valves Gate □ . Plug □(2)	3-1/8*		3,000	3-1/8"		5,000	3-1/8*		10,000

BEYOND SUBSTRUCTURE

- (1) Only one required in Class 3M.
- (2) Gate valves only shall be used for Class 10M.
- (3) Remote operated hydraulic choke required on 5,000 psi and 10,000 psi for drilling.

EQUIPMENT SPECIFICATIONS AND INSTALLATION INSTRUCTIONS

- 1. All connections in choke manifold shall be welded, studded, flanged or Cameron clamp of comparable rating.
- 2. All flanges shall be API 6B or 6BX and ring gaskets shall be API RX or BX. Use only BX for 10 MWP.
- 3. All lines shall be securely anchored.
- 4. Chokes shall be equipped with tungsten carbide seats and needles, and replacements shall be available.
- 5. Choke manifold pressure and standpipe pressure gauges shall be available at the choke manifold to assist in regulating chokes. As an alternate with automatic chokes, a choke manifold pressure gauge shall be located on the rig floor in conjunction with the standpipe pressure gauge.
- Line from drilling spool to choke manifold should be as straight as possible. Lines downstream from chokes shall make turns by large bends or 90° bends using bull plugged tees.

MINIMUM BLOWOUT PREVENTER REQUIREMENTS

2,000 psi Working Pressure

2 MWP

STACK REQUIREMENTS

			Min.	Min.
No.	ltem		I.D.	Nominal
1	Flowline		<u> </u>	ļ
2	FIII up line			2"
3	Drilling nipple		1	
4	Annular preventer			
5	Two single or one dual hy operated rams	draulically		
6 a	Drilling spool with 2" min. 3" min choke line outlets	kill line and		2"Choks
6b	2" min. kill line and 3" mi outlets in ram. (Alternate			
7	Valve	Gate □ Plug □	3-1/8"	
8	Gate valve—power opera	led	3-1/8*	
9	Line to choke manifold			3"
10	Valves	Gate □ Plug □	2-1/18"	
11	Check valve		2-1/16"	
12	Casing head			
13	Valve	Gate 🗆 Plug 🗅	1-13/16"	
14	Pressure gauge with need	le valve		
15	Kill line to rig mud pump n			2*

ANNULAR PREVENTER 4
BLIND RAMS PIPE RAMS
B CORILLING SPOOL 7 13 9
CASING HEAD (2)

MACK ENERGY CORPORATION EXHIBIT #1-A

CONFIGURATION

	OPTIONAL		
16 Flanged valve		1-13/16"	

CONTRACTOR'S OPTION TO FURNISH:

- 1.All equipment and connections above bradenhead or casinghead. Working pressure of preventers to be 2,000 psl, minimum.
- Automatic accumulator (80 gallon, minimum) capable of closing BOP in 30 seconds or less and, holding them closed against full rated working pressure.
- 3.BOP controls, to be located near drillers position.
- 4.Kelly equipped with Kelly cock.
- Inside blowout prevventer or its equivalent on derrick floor at all times with proper threads to fit pipe being used.
- 6.Kelly saver-sub equipped with rubber casing protector at all times.
- 7. Plug type blowout preventer tester.
- Extra set pipe rams to fit drill pipe in use on location at all times.
- 9. Type RX ring gaskets in place of Type R.

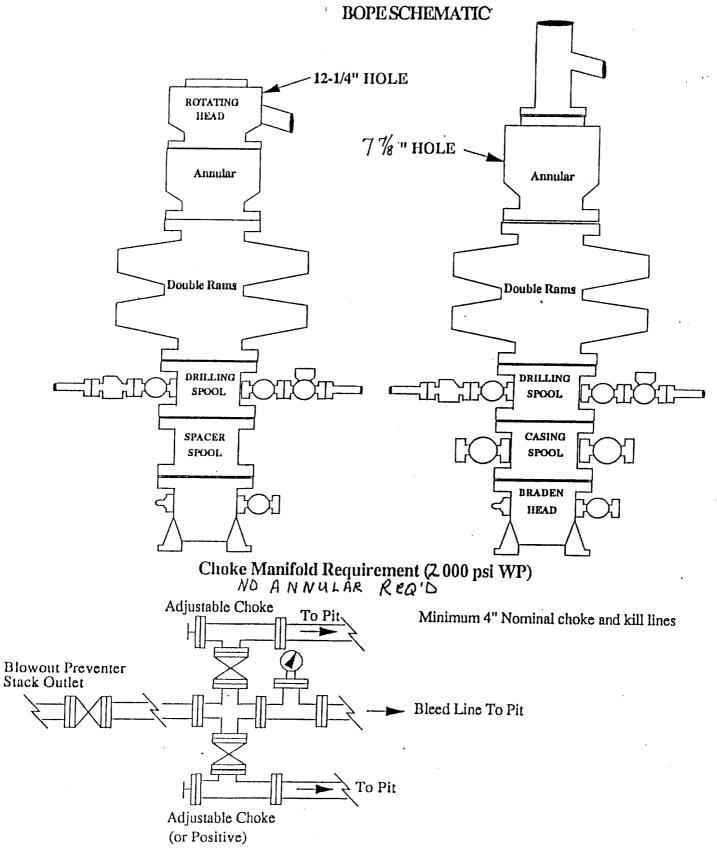
MEC TO FURNISH:

- Bradenhead or casinghead and side valves.
- 2. Wear bushing, if required.

GENERAL NOTES:

- Deviations from this drawing may be made only with the express permission of MEC's Drilling Manager.
- 2.All connections, valves, fittings, piping, etc., subject to well or pump pressure must be flanged (suitable clamp connections acceptable) and have minimum working pressure equal to rated working pressure of preventers up through chore. Valves must be full opening and suitable for high pressure mud service.
- Controls to be of standard design and each marked, showing opening and closing position.
- 4. Chokes will be positioned so as not to hamper or delay changing of choke beans. Replaceable parts for adjustable choke, other bean sizes, retainers, and choke wrenches to be conveniently located for immediate use.
- All valves to be equipped with handwheels or handles ready for immediate use.
- 6. Choke lines must be sultably anchored.

- 7. Handwheels and extensions to be connected and ready for use.
- Valves adjacent to drilling spool to be kept open. Use outside valves except for emergency.
- 9,All seamless steel control piping (Z 000 psi working pressure) to have flexible joints to avoid stress. Hoses will be permitted.
- 10.Casinghead connections shall not be used except in case of emergency.
- 11.Do not use kill line for routine fill-up operations.



MACK ENERGY CORPORATION EXHIBIT #1-A

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

PO Drawer DD, Artesia, NM 88211-0719 District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

PO Box 2088, Santa Pe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-101 0... Revised February 10, 1994 BM Instructions on back 54

Submit to Appropriate District Office OP

State Lease - 6 Copies Fee Lease - 5 Copies

MENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN PLACEBACK, OR ADD A ZONE Operator Name and Address. MACK ENERGY CORPORATION P.O.BOX 960 ARTESIA, NM 8211-1950 Property Code 15854 Big George State 7 Surface Location UL or bin no. Section Township Range: Let lide Feet from the North/Seorth line Feet from the East/West line 1 12 17 28 1650 SOUTH 1650 EAST EDDY 1 Proposed Bottom Hole Location If Different From Surface UL or int no. Section Township Range: Let lide Feet from the North/Seorth line Feet from the East/West line Proposed Bottom Hole Location If Different From Surface UL or int no. Section Township Range: Let lide Feet from the North/Seorth line Feet from the Location If Different From Surface UL or int no. Section Township Range: Let lide Feet from the North/Seorth line Feet from the Location If Different From Surface UL or int no. Section 1 Proposed Depth "Formulae Country "Proposed Point SWD,CISCO George 99 ** Proposed Casing and Cerement Program ** Worlt Type Code No. Section Country "Proposed Casing and Cerement Program Bloke Size Casing State Casing weight/foot Section Depth Section of Country 17/8" 13 3/8" 54# 300 350 sx CIRC 17 1/2" 13 3/8" 54# 300 350 sx CIRC 17 1/2" 13 3/8" 54# 2670 1500 sx CIRC 7 7/8" 5 1/2" 17# 8800 1000 sx CIRC ** Describe the proposed program. If this applications is to DEEPEN or PLUE BACK give the data on the protect productive tone and proposed new productive mass. Describe the blownest programs. To app. Use additional heart if namement. ** Describe the proposed program. If this applications is to DEEPEN or PLUE BACK give the data on the protect productive tone and proposed section of the blownest provincial program. If this application is to DEEPEN or PLUE BACK give the data on the protect productive tone and proposed section of the blownest provincial program. If this application is to DEEPEN or PLUE BACK give the data on the protect productive tone and proposed deepen section inhibited fluid. Set packer test casing to 5000. Put well on as	APPI ICA	TION !	FOR PE	RMIT '	ro dri	II. RF-FN	TER DEF	PEN	JEĐELI O R	_ ∡ਰਣ	-	DD A ZONE	
MACK ENERGY CORPORATION P.O.BIOX 960 ARTESIA, NM 88211-0960 Troperty Code 15854 Big George State 7 Surface Location UL or lat as. Section Township Range Lot Ida Feet from the North/South line Feet from the East/West line County Proposed Bottom Hole Location If Different From Surface UL or lat as. Section Township Range Lot Ida Feet from the North/South line Feet from the East/West line County Proposed Bottom Hole Location If Different From Surface UL or lat as. Section Township Range Lot Ida Feet from the North/South line Feet from the East/West line County **Proposed Bottom Hole Location If Different From Surface UL or lat as. Section Township Range Lot Ida Feet from the North/South line Feet from the East/West line County **Proposed County Range Lot Ida Feet from the North/South line Feet from the East/West line County **Proposed County Range Lot Ida Feet from the North/South line Feet from the East/West line County **Proposed County Range Lot Ida Feet from the North/South line Feet from the East/West line County **Proposed County Range Lot Ida Feet from the North/South line Feet from the East/West line County **Proposed County Range Lot Ida Feet from the North/South line Feet from the East/West line County **Proposed County Range Range Lot Ida Feet from the North/South line Feet from the East/West line County **Proposed County Range Range Lot Ida Feet from the Santiag Ida County Range							TER, DEI		JE CHET	WE,	21 43 _		
Property Code 15854 Property Name 15854 Property Name Proposed Bottom Proposed Bottom Hole Location If Different From the Read/Work like EDDY Proposed Bottom Hole Location If Different From Surface UL or let no. Section Township Range Lot Ida Feet from the North/Seeth like Peat from the East/Work like Country Proposed Bottom Hole Location If Different From Surface UL or let no. Section Township Range Lot Ida Feet from the North/Seeth like Peat from the East/Work like Country Proposed Pool I SWD;CISCO 96099 "Work Type Code "Well Type Code "Cabbu/Rotary "Lases Type Code "Ground Level Elevation No Sano CISCO LARUE DRILLING 12-5-95 "Mark Type Code "Proposed Casing and Cernent Program Black Size Casing Size Casing weight/foot Saning and Cernent Program Black Size Casing Size Casing weight/foot Saning and Cernent Program Black Size Casing Size Casing weight/foot Saning Cernet Program Black Size Casing Size Casing weight/foot Saning Cernet Program Black Size Casing Size Casing weight/foot Saning Cernet Program Black Size Casing Size Casing weight/foot Saning Cernet Program Black Size Casing Size Casing Size Casing weight/foot Saning Depth Saning Of Cernes Entired TOC 17 1/2" 13 3/8" 54# 300" 350 SX CIRC 17 1/2" 13 3/8" 54# 2670" 1500 SX CIRC 17 1/2" 18 5/8" Casing and cernent. Drill to 300", run 13 3/8" casing and cernent. Drill to 2670", run 8 5/8" casing and cernent. Drill to 300", run 13 3/8" casing and cernent. Drill to 2670", run 8 5/8" casing and cernent. Drill to 300", run 15 3/8" casing and cernent. Drill to 2670", run 8 5/8" casing and cernent. Drill to 300", run 15 1/2" casing and cernent. Perf Cisco formation, run 2 7/8" plastic coated they w/rump packer. Set Packer at 8600". Circ Corrosion inhibited fluid. Set packer test casing to 500#. Put well on as SWD. Princed user: Crisco Depth Seet Set Section Division Division Approved by: Original Set Set Section Division Di			М		•		RATION						
**Preparty Code 15854 Big Goorge State ** **Preparty Name Section Township Range Lat Ide Feet from the SoUTH 1650 EAST EDDY **Prepared Pool Feet from the North/South line Feet from the East/West line County **I 12			141				KATION		107 80	1995	3		
**Property Code Big George State Section George State George St				Α			50						
Township Range Lot Idn Feet from the North/South line Feet from the East/West line Country	¹ Prope	rty Code								, D	W. I	* Well No.	
Surface Location Terrahity Range Lot Ida Feet from the Section Terrahity Range Lot Ida Feet from the 1650 EAST EDDY	15	854				Big	George State		TRUCT	39) 38			
U. or let no. Section Terrachip Range Lot Idn 1650 SOUTH 1650 EAST EDDY				-						·			
# Proposed Bottom Hole Location If Different From Surface UL or let no. Section Township Range Lot Idn Feet from the North/South line Feet from the Enact/West line Country **Proposed Pool 1 SWD;CISCO 96099 *** Work Type Code North/South line Peet From Surface **I Work Type Code North/South line Peet From Surface **I Work Type Code North/South line Peet From Surface **I Proposed Pool 1 SWD;CISCO 96099 **I Work Type Code North/South line Peet From Surface **I Proposed Surface North/South line Peet From Surface **I Lense Type Code North/South line Peet Surface North/South line Peet Surface North/South line North/South line Peet Surface North/South li	UL or lot me.	Section	Township	Range					East/V	Vest line	County		
"Proposed Bottom Hole Location If Different From Surface UL or lat no. Section Township Range Lot Ida Feet from the North/South like Feet from the East/West like County "Proposed Pool 1 SWD;CISCO 96099 "Work Type Code "Wall Type Code "Cablo/Rotary "Lense Type Code "Ground Level Elevation N S R S 3710" "Maliple "Proposed Depth "Formation "Contractor "Spad Date NO 8800 CISCO LARUE DRILLING 12-5-95 12 Proposed Casing and Cement Program Hole Size Cusing Size Cusing weight/feet Seating Depth Secto of Cement Estimated TOC 17 1/2" 13 3/8" 54# 300" 350 sx CIRC 12 1/2" 8 5/8" 24# 2670' 1500 sx CIRC 77/8" 5 1/2" 17# 8800' 1000 sx CIRC TRC 12 1/2" 8 5/8" 24# 8800' 1000 sx CIRC TRC "Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the procest productive more and proposed new productive more. Describe the blowout prevention program. If any. Use additional sheet if necessary. Mack energy proposes to drill to 300', run 13 3/8" casing and cement. Drill to 2670', run 8 5/8" casing and cement. Drill to 8800', run 5 1/2" casing and cement. Perf Cisco formation, run 2 7/8" plastic coated they w/rump packer. Set Packer at 8600'. Circ corrosion inhibited fluid. Set packer test casing to 500#, Put well on as SWD. Production Clerk ORIGINAL SIGNED DV 7155 W. GUM Printed mass: Crisco Describe the Devocation Date: Conditions of Approval Date: Conditions o	J	12	17	28	ĺ	1650	SOUTH		1650	F	AST		
UI. or let no. Section Township Range Let Idn Feet from the North/South line Feet from the East/Went line Country 'Proposed Pool 1 SWD;CISCO 96099 "Work Type Code "Wall Type Code "Cablo/Rotary "Lense Type Code "Ground Level Elevation N S R S 3710" "Multiple "Proposed Depth "Formation "Contractor "Spad Date NO 8800 CISCO LARUE DRILLING 12-5-95 12 Proposed Casing and Cernent Program Hole Size Casing Size Casing weight/foot Setting Depth Sector of Centrest Estimated TOC 17 1/2" 13 3/8" S4# 300" 350 sx CIRC 17 1/2" 13 3/8" 54# 300" 1500 sx CIRC 7 7/8" 5 1/2" 17# 8800' 1000 sx CIRC 12 1/2" 8 5/8" 24# 2670' 1500 sx CIRC 17 1/8" 5 1/2" 17# 8800' 1000 sx CIRC "Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive none and proposed none productive none. Describe the blowout prevention program. If any. Use additional sheet if necessary. Mack energy proposes to drill to 300", run 13 3/8" casing and cement. Drill to 2670', run 8 5/8" casing and cement. Drill to 8800', run 5 1/2" casing and cement. Perf Cisco formation, run 2 7/8" plastic coated they w/trump packer. Set Packer at 8600'. Circ corrosion inhibited fluid. Set packer test casing to 500#, Put well on as SWD. Printed name: Crissa D. Carter Title: Production Clerk OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED DV 755 W. GUM Printed name: Crissa D. Carter Title: Production Clerk Approval Date: 17 /20/5 — Expression Date: 6/10/95 K.			<u> </u>		Bottom						ASI	1 EDD1	
"Proposed Pool 1 SWD;CISCO 96099 "Work Type Code "Well Type Code "Cabbe/Rotary "Lease Type Code "Ground Level Elevation N S R S 3710' "Multiple "Proposed Depth "Formation CISCO LARUE DRILLING 12-5-95 21 Proposed Casing and Cement Program Bloe Size Casing Size Casing weight/foot Setting Depth Sacks of Cement Estimated TOC 17 1/2" 13 3/8" 54# 300' 350 sx CIRC 12 1/2" 8 5/8" 24# 26/70' 1500 sx CIRC 7 7/8" 5 1/2" 17# 8800' 1000 sx CIRC 22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive mose and proposed new productive mose. Describe the blowous prevention program. If any. Use additional sheets if necessary. 32 Describe the proposed program. If this sphication in to DEEPEN or PLUG BACK give the data on the present productive mose and proposed new productive mose. Describe the blowous prevention program. If any. Use additional sheets if necessary. 33 Describe the proposed program of this publication in the DEEPEN or PLUG BACK give the data on the present productive mose and proposed new productive mose. Describe the blowous prevention program. If any. Use additional sheets if necessary. 4 Describe the proposed program of this publication in the DEEPEN or PLUG BACK give the data on the present productive mose and proposed new productive mose. Describe the blowous prevention program. If any. Use additional sheets if necessary. 4 Describe the proposed program of this publication in the productive mose and proposed new productive mose. Describe the blowous prevention program. If this publication is to DEEPEN or PLUG BACK give the data on the present productive mose and proposed new productive mose. Describe the productive mose and proposed new productive mose. Describe the productive mose and proposed new productive mose. Describe the productive mose and proposed new productive mose. Describe the productive mose and proposed new productive mose. Describe the productive mose and proposed new productive mose. Describe the productive mose and propo	UL or let no.	Section									Vest line	County	
SWD,CISCO 96099 "Work Type Code "Well Type Code "Cabbe/Rotary "Lease Type Code "Ground Level Elevation N S R S 3710" "Multiple "Proposed Depth "Formation "Contractor "Spand Date NO 8800 CISCO LARUE DRILLING 12-5-95 21 Proposed Casing and Cement Program Hole Size Casing Size Casing weight/fost Setting Depth Sacts of Cement Elevation 17 1/2" 13 3/8" 5 4# 300' 350 sx CIRC 12 1/2" 8 5/8" 24# 2670' 1500 sx CIRC 7 7/8" 5 1/2" 17# 8800' 1000 sx CIRC 17 1/8" 5 1/2" 17# 8800' 1000 sx CIRC 18 Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program. If any. Use additional sheets if necessary. Mack energy proposes to drill to 300', run 13 3/8" casing and cement. Drill to 2670', run 8 5/8" casing and cement. Drill to 8800', run 5 1/2" casing and cement. Perf Cisco formation, run 2 7/8" plastic coated the w/rump packer. Set Packer at 8600'. Circ corrosion inhibited fluid. Set packer test casing to 500#. Put well on as SWD. Put Well on as SWD. ORIGINAL SIGNED DV TIM W. GUM Production Clerk Conditions of Approval Date: [2 /2c/9- Expersion Date: 6/7c/9-6					į	<i>'</i>							
SWD;CISCO 96099 "Work Type Code "Well Type Code "Cabbe/Rotary "Lease Type Code "Ground Level Elevation N S 3710' "Multiple "Proposed Depth "Formation "Contractor "Spud Date NO 8800 CISCO LARUE DRILLING 12-5-95 21 Proposed Casing and Cement Program Bole Size Casing Size Casing Size Casing weight/foot Setting Depth Sacto of Cement Estimated TOC 17 1/2" 13 3/8" 54# 300' 350 sx CIRC 12 1/2" 8 5/8" 24# 2670' 1500 sx CIRC 77/8" 5 1/2" 17# 8800' 1000 sx CIRC 17 Tyle Source Program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary. Mack energy proposes to drill to 300', run 13 3/8" casing and cement. Drill to 2670', run 8 5/8" casing and cement. Drill to 8800', run 5 1/2" casing and cement. Perf Cisco formation, run 2 7/8" plastic coated the w/trump packer. Set Packer at 8600'. Circ corrosion inhibited fluid. Set packer test casing to 500#. Put well on as SWD. Put TD- (12-29-25) Approved by: Original Signed Day Tife W. GUM Production Clerk Production Clerk Production Clerk Proce: Cooditions of Approval Date: (2 /20/9- Expression Date: 6/70/96			Propos	ed Pool 1	L	<u> </u>			10 Propos	ed Pool 2	·	<u> </u>	
"Work Type Code N S S 3710' "Multiple "Proposed Depth "Formation NO 8800 CISCO LARUE DRILLING 12-5-95 12 Proposed Casing and Cement Program Bide Size Casing Size Casing weight/fost Settling Depth Sacts of Cement Program Bide Size Casing Size Casing weight/fost Settling Depth Sacts of Cement CIRC 17 1/2" 13 3/8" 54# 300' 350 sx CIRC 12 1/2" 8 5/8" 24# 2670' 1500 sx CIRC 7 7/8" 5 1/2" 17# 8800' 1000 sx CIRC Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary. Mack energy proposes to drill to 300', run 13 3/8" casing and cement. Drill to 2670', run 8 5/8" casing and cement. Drill to 8800', run 5 1/2" casing and cement. Perf Cisco formation, run 2 7/8" plastic coated the w/trump packer. Set Packer at 8600'. Circ corrosion inhibited fluid. Set packer test casing to 500#. Put well on as SWD. Put well on as SWD. OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY TIM W. GUM Prioused name: Crissa D. Carter Title: Production Clerk Production Clerk Production Clerk Production Clerk Conditions of Approval Date: Conditions of Conditions of Condit			SWD;CIS	CO 9609	9								
NO S R S 3710' "Maltiple "Proposed Depth "Formation "Contractor "Speed Date NO 8800 CISCO LARUE DRILLING 12-5-95 21 Proposed Casing and Cement Program Blote Size Casing Size Casing weight/foot Setting Depth Sects of Cement Estimated TOC 17 1/2" 13 3/8" 54# 300' 350 sx CIRC 12 1/2" 8 5/8" 24# 2670' 1500 sx CIRC 7 7/8" 5 1/2" 17# 8800' 1000 sx CIRC 27 7/8" 5 1/2" 17# 8800' 1000 sx CIRC "Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the process productive zone and proposed new productive zone. Describe the belowous proventions program, if any, Use additional shorts if necessary. Mack energy proposes to drill to 300', run 13 3/8" casing and cement. Drill to 2670', run 8 5/8" casing and cement. Drill to 8800', run 5 1/2" casing and cement. Perf Cisco formation, run 2 7/8" plastic coated the w/trump packer. Set Packer at 8600'. Circ corrosion inhibited fluid. Set packer test casing to 500#. Put well on as SWD. Post ID- (12-29-26 Maw box 4 API T) "I bereby certify that the information given above is true and complete to the best of my knowledge and belief. "I beredy certify that the information given above is true and complete to the best of my knowledge and belief. "I beredy certify that the information given above is true and complete to the best of my knowledge and belief. "I beredy certify that the information given above is true and complete to the best of my knowledge and belief. OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY TIM W. GUM Printed name: Crissa D. Carter Title: DISTRICT II SUPERVICEDR Title: Production Clerk	'\ 				· · · · · · · · · · · · · · · · · · ·								
NO 8800 CISCO LARUE DRILLING 12-5-95 12 Proposed Casing and Cement Program 13 October Casing Size Casing Size Casing weight/fost Setting Depth Sects of Cement Estimated TOC 17 1/2" 13 3/8" 54# 300' 350 sx CIRC 12 1/2" 8 5/8" 24# 2670' 1500 sx CIRC 7 7/8" 5 1/2" 17# 8800' 1000 sx CIRC 1000	" Werk T	ype Code		Well Typ	e Code	13 Cable	Rotary		" Lease Type Co	de	4 Ground Level Elevation		
"Proposed Depth NO 8800 CISCO LARUE DRILLING 12-5-95 12 Proposed Casing and Cement Program Hole Size Casing Size Casing weight/foot Setting Depth Sacks of Cement Estimated TOC 17 1/2" 13 3/8" 54# 300' 350 sx CIRC 12 1/2" 8 5/8" 24# 2670' 1500 sx CIRC 7 7/8" 5 1/2" 17# 8800' 1000 sx CIRC 10 Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional shorts if necessary. Mack energy proposes to drill to 300', run 13 3/8" casing and cement. Drill to 2670', run 8 5/8" casing and cement. Drill to 8800', run 5 1/2" casing and cement. Perf Cisco formation, run 2 7/8" plastic coated they w/trump packer. Set Packer at 8600'. Circ corrosion inhibited fluid. Set packer test casing to 500#. Put well on as SWD. Put well on as SWD. OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY TIM W. GUM Printed name: Crissa D. Carter Title: Production Clerk Prome: Conditions of Approval :	N	ſ		S		R			ç		3710'		
Bole Size Casing Size Casing weight/foot Setting Depth Sacks of Cement Program Bole Size Casing Size Casing weight/foot Setting Depth Sacks of Cement Estimated TOC 17 1/2" 13 3/8" 54# 300' 350 sx CIRC 12 1/2" 8 5/8" 24# 2670' 1500 sx CIRC 7 7/8" 5 1/2" 17# 8800' 1000 sx CIRC When the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the proposed program, if any. Use additional sheet if necessary. Mack energy proposes to drill to 300', run 13 3/8" casing and cement. Drill to 2670', run 8 5/8" casing and cement. Drill to 8800', run 5 1/2" casing and cement. Perf Cisco formation, run 2 7/8" plastic coated the w/trump packer. Set Packer at 8600'. Circ corrosion inhibited fluid. Set packer test casing to 500#. Put well on as SWD. **Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheet if necessary. **Mack energy proposes to drill to 300', run 13 3/8" casing and cement. Drill to 2670', run 8 5/8" casing and cement. Drill to 8800', run 5 1/2" casing and cement. Drill to 8800', run 5 1/2" casing and cement. Drill to 8800', run 5 1/2" casing and cement. Drill to 8800', run 5 1/2" casing and cement. Drill to 8800', run 5 1/2" casing and cement. Drill to 8800', run 5 1/2" casing and cement. Drill to 8800', run 5 1/2" casing and cement. Drill to 8800', run 5 1/2" casing and cement. Drill to 8800', run 6 1/2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10 Max	ltiple		⁷ Proposed	Depth				1 Contractor				
Bole Size Casing Size Casing weight/foot Setting Depth Sacta of Cement Estimated TOC	NO	O		8800		CISC	co	LA	RUE DRILLI	$_{ m NG}$		12-5-95	
Hole Size Casing Size Casing weight/foot 17 1/2" 13 3/8" 54# 300' 350 sx CIRC 12 1/2" 8 5/8" 24# 2670' 1500 sx CIRC 7 7/8" 5 1/2" 17# 8800' 1000 sx CIRC Title: Production Clerk Casing a weight/foot Secting Depth Secting Depth Secting Opeph Sec				21	Propose	ed Casing a	nd Cement						
12 1/2" 8 5/8" 24# 2670' 1500 sx CIRC 7 7/8" 5 1/2" 17# 8800' 1000 sx CIRC Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone. Describe the blowout prevention program. if any. Use additional shoets if necessary. Mack energy proposes to drill to 300', run 13 3/8" casing and cement. Drill to 2670', run 8 5/8" casing and cement. Drill to 8800', run 5 1/2" casing and cement. Perf Cisco formation, run 2 7/8" plastic coated the w/trump packer. Set Packer at 8600'. Circ corrosion inhibited fluid. Set packer test casing to 500#. Put well on as SWD. Post # 5/1 "I hereby certify that the information given above is true and complete to the best of my transverdege and belief. Signature: OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY T158 W. GUM Prioted name: Crissa D. Carter Tide: Production Clerk Production Clerk Production Clerk Proce: Conditions of Approval	Hole Si	te	Casia						Cement		Estimated TOC		
Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary. Mack energy proposes to drill to 300', run 13 3/8" casing and cement. Drill to 2670', run 8 5/8" casing and cement. Drill to 8800', run 5 1/2" casing and cement. Perf Cisco formation, run 2 7/8" plastic coated the w/trump packer. Set Packer at 8600'. Circ corrosion inhibited fluid. Set packer test casing to 500#. Put well on as SWD. Put well on as SWD. OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY TIM W. GUM Prioted name: Crissa D. Carter Title: Production Clerk Phone: Conditions of Approval Expiration Date: 6 / 70 / 94	17 1/2	1	13 3	3/8"	54#		300'		350 sx		CIRC		
Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary. Mack energy proposes to drill to 300', run 13 3/8" casing and cement. Drill to 2670', run 8 5/8" casing and cement. Drill to 8800', run 5 1/2" casing and cement. Perf Cisco formation, run 2 7/8" plastic coated the w/trump packer. Set Packer at 8600'. Circ corrosion inhibited fluid. Set packer test casing to 500#. Put well on as SWD. Post 10-(12-29-95 Mack bee 4 APT *I bereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY TIM W. GUM Printed name: Crisca D. Carter Title: Production Clerk Phone: Conditions of Approval :	12 1/2	1	8 5/	8"		24#			1500 sx		CIRC		
Mack energy proposes to drill to 300', run 13 3/8" casing and cement. Drill to 2670', run 8 5/8" casing and cement. Drill to 8800', run 5 1/2" casing and cement. Perf Cisco formation, run 2 7/8" plastic coated the w/trump packer. Set Packer at 8600'. Circ corrosion inhibited fluid. Set packer test casing to 500#. Put well on as SWD. Prof.	7 7/8"		5 1	/2"		17#	8800'		1000 sx		CIRC		
Mack energy proposes to drill to 300', run 13 3/8" casing and cement. Drill to 2670', run 8 5/8" casing and cement. Drill to 8800', run 5 1/2" casing and cement. Perf Cisco formation, run 2 7/8" plastic coated the w/trump packer. Set Packer at 8600'. Circ corrosion inhibited fluid. Set packer test casing to 500#. Put well on as SWD. Production Clerk Production Clerk Production of Approval : District is soft and cement. Drill to 8800', run 8 5/8" casing and cement. Drill to 8800', run 5 1/2" casing and cement. Dri													
Mack energy proposes to drill to 300', run 13 3/8" casing and cement. Drill to 2670', run 8 5/8" casing and cement. Drill to 8800', run 5 1/2" casing and cement. Perf Cisco formation, run 2 7/8" plastic coated the w/trump packer. Set Packer at 8600'. Circ corrosion inhibited fluid. Set packer test casing to 500#. Put well on as SWD. Production Clerk Production Clerk Production of Approval : District is soft and cement. Drill to 8800', run 8 5/8" casing and cement. Drill to 8800', run 5 1/2" casing and cement. Dri													
"I bereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: Crissa D. Carter Title: Production Clerk Phone: OIL CONSERVATION DIVISION ORIGINAL SIGNED BY TIME W. GUM Printed name: OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY TIME W. GUM Title: DISTRICT IN SUPERVISOR Expiration Date: 6/70/96	Mack ener run 5 1/2" corrosion i	gy propos casing an nhibited 1	ses to drill d cement. I fluid. Set p	program, if to 300', ru Perf Cisco	any. Use ad in 13 3/8" o formation	ditional sheets if a casing and cerr 1, run 2 7/8" pla	ecesary. nent. Drill to 2 astic coated the	2670', 1	run 8 5/8" casi	ng and Set Pack	cement.	Drill to 8800',	
OIL CONSERVATION DIVISION Signature: ORIGINAL SIGNED BY TIME W. GUM Printed name: Crissa D. Carter Title: Production Clerk Approval Date: Phone: Conditions of Approval:					 			خصي					
Printed name: Crissa D. Carter Title: Production Clerk Phone: Conditions of Approval: ORIGINAL SIGNED BY THE W. GUM Title: DISTRICT IN SUPERVISOR Expiration Date: 6/70/96			ormation give	a above is t	rue and comp	ete to the best	OII	L CC	DNSERVAT	ΠΟΝ	DIVIS	ION	
Printed name: Crissa D. Carter Title: Production Clerk Approval Date: 12/20/9 Expiration Date: 6/20/96 Date: Phone: Conditions of Approval:	Signature:	(Approved by: ORIGINAL SIGNED BY TIM W. GUM							UM			
Title: Production Clerk Approval Date: 17 /20/9, Expiration Date: 6/70/96 Date: Phone: Conditions of Approval:	Printed name:		Crissa D.	Carter		Ti							
Date: Phone: Conditions of Approval:	Title:					A	pprovai Date:	2 /20	0/9-	Expiration	Date:	170 161	
						. 11	onditions of Appr		بال بينين	 -	<u></u>		

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994 Instruction on back

Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

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

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name		
30-015-28	96099	SWD;Cisco		
Property Code	Pr	Well Number		
15854	BIG GE	X 2 3		
OGRID No.	o _r	Elevation		
013837	MACK ENER	GY CORPORATION	3710'	

Surface Location

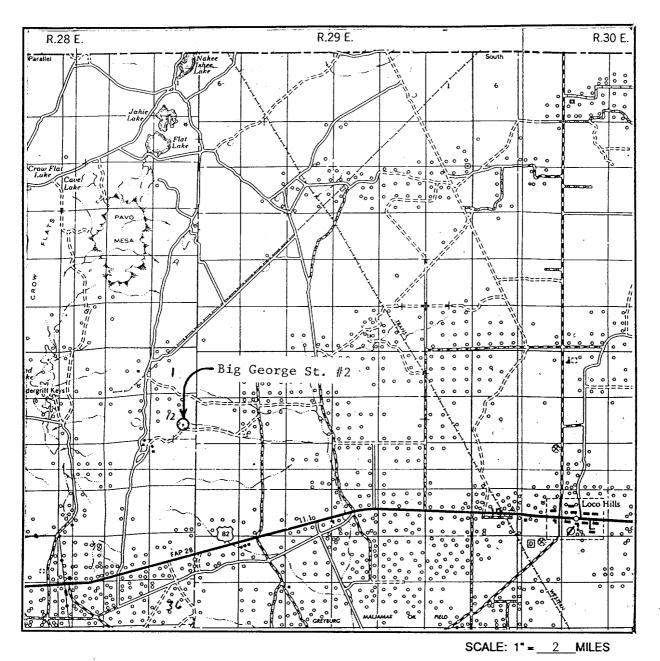
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
J	12	17 S	28 E		1650	SOUTH	1650	EAST	EDDY	
Bottom Hole Location If Different From Surface										

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acre	Joint o	r Infill Co	nsolidation (Code Or	der No.				

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

 OR A NON STAN	DARD UNIT HAS BEEN	ALTROVED DI III	2 DIVIDION
			OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
 			Signature Contago D. Contago
			Crissa D. Carter Printed Name Production Clerk Title
[[]			Date SURVEYOR CERTIFICATION
			I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys results is grove or under my supervisors and that fifty sinks is true and correct to the best of my relations.
 	050	1650'	Date Surveyed Signature & Seal of Professional Surveyor
 	9		W.O. Num. 94-11-1780 Certificate No. JOHN W. WEST. 676 RONALD J. EIDSON, 3239

VICINITY MAP



SEC. 12 TWP. 17 S RGE. 28 E

SURVEY_ N.M.P.M.

COUNTY_Eddy STATE_ N.M.

DESCRIPTION_ 1650' FSL & 1650' FEL

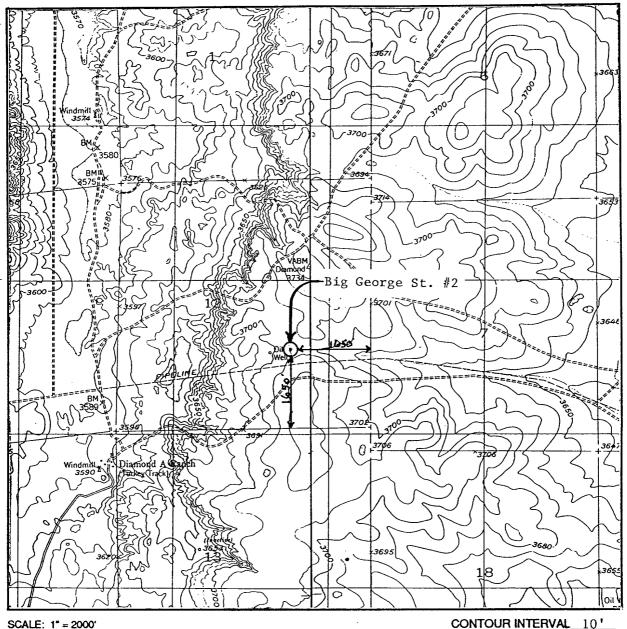
ELEVATION_ 3710'

OPERATOR_Mack_Energy_Corp.

LEASE_Big_George_State_No. 2



LOC TION VERIFICATION MAP



======	1	
	===#	
See The see	1100	
3650	1111	
γ)) $^{\circ}$	7"	
775	36,7	
) > 2	1	
12 3	l	
1/2/~		
32		
$\langle \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	V	
-3680.)	~	
\sim \sim		
25	3655	
10)	Oil V	
TERVAL_10		
•		
INFERIN	IG	

SEC. 12 TWP. 17 S RGE. 28 E SURVEY N.M.P.M. COUNTY Eddy STATE N.M. DESCRIPTION 1650' FSL & 1650' FEL ELEVATION 3710' OPERATOR Mack Energy Corp. LEASE Big George State No. 2 U.S.G.S. TOPOGRAPHIC MAP Red Lake