NEW MEXICO OIL CONSERVATION DIVISION - Engineering Bureau 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINIS KATIVE A	PPLICATION CHECK	7F121
THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE AF WHICH REQUIRE PROCESSIN	PPLICATIONS FOR EXCEPTIONS TO DIVI NG AT THE DIVISION LEVEL IN SANTA FE	SION RULES AND REGULATIONS
[PC-Pool Commingling] [OLS - Off-Le [WFX-Waterflood Expansion]	se Commingling] [PLC-Pool/Le easé Storage] [OLM-Off-Lease [PMX-Pressure Maintenance Exp [IPI-Injection Pressure Increa	ease Commingling] Measurement] pansion] se]
[1] TYPE OF APPLICATION - Check Those Wh [A] Location - Spacing Unit - Simul NSL NSP SI	Itaneous Dedication	
Check One Only for [B] or [C] [B] Commingling - Storage - Measu DHC CTB PI		DLM
[C] Injection - Disposal - Pressure In WFX PMX SY	ncrease - Enhanced Oil Recovery WD	PPR
[D] Other: Specify	<u> </u>	en e
[2] NOTIFICATION REQUIRED TO: - Check T [A] Working, Royalty or Overri	Those Which Apply, or □ Does No iding Royalty Interest Owners	ot Apply
[B] Offset Operators, Leasehold	ders or Surface Owner	
[C] Application is One Which I	Requires Published Legal Notice	
[D] Notification and/or Concurr U.S. Bureau of Land Management - Comm	rent Approval by BLM or SLO nissioner of Public Lands, State Land Office	
[E] For all of the above, Proof of	of Notification or Publication is A	ttached, and/or,
[F] Waivers are Attached	in the second state of the second second	* :
3] SUBMIT ACCURATE AND COMPLETE IN OF APPLICATION INDICATED ABOVE.	FORMATION REQUIRED TO	O PROCESS THE TYPE
4] CERTIFICATION: I hereby certify that the inf pproval is accurate and complete to the best of my know pplication until the required information and notification	wledge. I also understand that no	action will be taken on this
Note: Statement must be completed by an inc	dividual with managerial and/or supervi	sory capacity.
Print or Type Name Signature	Title	Date
	e-mail Address	



Re:

Office (505) 748-1288 Fax (505) 746-9539

P.O. Box 960

Artesia, NM 88211-0960

2005 OCT 11 PM 2 09

September 30, 2005

Oil Conservation Division Attn: Will Jones 1220 South St. Francis Dr. Santa Fe, NM 87505

Downhole Commingling, and measurement of

Hydrocarbon Production for: Snapper State #7,8,9,10,11,12 Section 14, T16S, R33E Lea County, New Mexico

Mack Energy Corporation as operator of the aforementioned (6) wells respectfully requests administrative approval for down hole commingling and measurement of production.

Mack Energy proposes to commingle Hume Queen West and Wildcat Grayburg production in the Snapper State wells(State of NM Lease V-7274). Production of both pools will be measured at the Snapper State Tank Battery located in the SE/4 NW/4 Sec. 14 T16S R33E. This lease has common interest in both pools. Notification has been made to all parties owning an interest in this lease, including the oil purchaser, of the intent to commingle. Testing will be conducted and allocation percentages will be sent to OCD after completion of these wells. Attached is a list of anticipated wells to be down hole commingled.

Should you require any additional information concerning this application, please call Jerry W. Sherrell at the above number. Thank you for your consideration of this request.

Sincerely,

MACK ENERGY CORPORATION

kery W. Shend

Jerry W. Sherrell Production Clerk

jerrys@mackenergycorp.com

JWS/

Enclosures

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.
DATEIN	000, 2,102	CHOINEEN	000000	TIPE	

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION - Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505



			ADMIN	IISTRATIVE A	PPLICAT	ION CHECKLIST	•
Tł	IIS CHECKI	LIST IS N		FOR ALL ADMINISTRATIVE		R EXCEPTIONS TO DIVISION RUL ON LEVEL IN SANTA FE	ES AND REGULATIONS
Appli	IDI)	Non-Sta HC-Dov [PC-P	s: andard Loc wnhole Co ool Comm [WFX-Wa [SW	ation] [NSP-Non-Star mmingling] [CTB-Lea ingling] [OLS - Off-L terflood Expansion] [D-Salt Water Disposa	ndard Proration ase Commingli ease Storage] PMX-Pressure	Unit] [SD-Simultaneous [ng] [PLC-Pool/Lease Con [OLM-Off-Lease Measure Maintenance Expansion]	nmingling] ement]
[1]	ТҮРЕ	OF All [A]	Location	ION - Check Those W n - Spacing Unit - Sim L NSP S			
		Check [B]	k One Only Commin	for [B] or [C] ngling - Storage - Mea IC		OLS OLM	
		[C]		n - Disposal - Pressure FX PMX PMX			
		[D]	Other: S	Specify			
[21	NOTI	FICAT [A]		QUIRED TO: - Check orking, Royalty or Ove		Apply, or ☐ Does Not Appl Interest Owners	у
		[B]	Off	fset Operators, Leaseh	olders or Surfa	ce Owner	
		[C]	☐ Ap	plication is One Which	h Requires Pub	lished Legal Notice	
		[D]		tification and/or Conc Bureau of Land Management - Con			
		[E]	For	all of the above, Proc	of of Notification	on or Publication is Attache	d, and/or,
		[F]	☐ Wa	nivers are Attached			
[31	SUBM OF A	IIT AC PPLIC	CCURATE ATION IN	AND COMPLETE NDICATED ABOVE.	INFORMATIO	ON REQUIRED TO PRO	CESS THE TYPE
[41 appro appli	oval is ac	curate	and compl	nereby certify that the lete to the best of my lormation and notificat	knowledge. I al	omitted with this application so understand that no action the division.	on for administrative on will be taken on this
		Note	: Statement r	must be completed by an i	individual with ma	nagerial and/or supervisory ca	pacity.
	W. Sherre			Jens W. Signature	herell	Production Clerk	9/30/2005
Print	or Type Na	ame		Signature()		Title	Date
						jerrys@mackenergycorp.co	om

DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

Revised JUNE 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II 1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT IV

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

OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

HAMENDED DEPORT

1220 S. ST. FRANCIS DR., SANTA PE, NM 87505			AMENDED REPORT
API Number	Pool Code	Pool Nas	me
30-025-37338	97444	rayburg	
Property Code 34552	-	PER STATE	Well Number 7
OGRID No. 013837	• • • • • • • • • • • • • • • • • • •	rator Name Y CORPORATION	Rievation 4175'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C ·	14	16-S	33-E		330	NORTH	1650	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section To	qidanwo	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or I	nfill Con	solidation C	ode Ord	ier No.			·	
40									

1650'	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
	Liny W. Shenell
GEODETIC COORDINATES NAD 27 NME	Jerry W. Sherrell Printed Name
Y=702037.4 N X=713792.0 E	Production Clerk Title 9/30/2005
LAT.=32*55'40.92" N LONG.=103*38'11.65" W	SURVEYOR CERTIFICATION
	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison and that the same is true and correct to the best of my belief.
	JUNE 30, 2005 Date Surveyedminimum Signature & Geography Professional Garveyor MEX
	7/8/05 05.11/1010
	Certificate No. GARY RIDGE 12841

DISTRICT I

State of New Mexico

Energy, Minerals and Natural Resources Department



1625 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II 1301 W. GRAND AVENUE, ARTESIA, NM 88210

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

OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

Form C-102 Revised JUNE 10, 2003 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FE, NM 8750	WELL LOCATION AND	ACREAGE DEDICATION PLAT	□ AMENDED REPORT	
API Number	Pool Code	Pool Name		
30-025-37338	33560	Hume;Queen, West		
Property Code 34552	-	erty Name ER STATE	Well Number 7	
OGRID No. 013837	•	ator Name Y CORPORATION	Elevation 4175	

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
С	14	16-S	33-E		330	NORTH	1650	WEST	LEA

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 o	r Infill Co	onsolidation (Code Or	der No.				
40									

1650'	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the
	best of my knowledge and belief. Signature Signature
GEODETIC COORDINATES NAD 27 NME	Jerry W. Sherrell Printed Name
Y=702037.4 N X=713792.0 E	Production Clerk Title _9/30/2005
LAT.=32*55'40.92" N LONG.=103*38'11.65" W	SURVEYOR CERTIFICATION
	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison and that the same is true and correct to the best of my belief.
	JUNE 30, 2005 Date Surveyed Continue DEL Signature & Geel HD Professional Surveyor
	205.11.010.5 Certificate No. GARY RIDSON 12841
	Mining PROFESSIONAL PROFESSIONA

DISTRICT I 1625 N. FRENCE DR., HOBBS, NM 86240

DISTRICT II

DISTRICT IV

Energy, Minerals and Natural Resources Department

Form C-102

Revised JUNE 10, 2003

OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

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

1301 W. GRAND AVENUE, ARTESIA, NM 88210

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

20 S. ST. FRANCIS DR., SANTA FE, NM 87605			C AMENDED REIG
API Number 30-025-37339	33560	Pool Name; Queen, W	
Property Code	Property		Well Number
34552	SNAPPER		8
OGRID No.	Operator		Elevation
013837	MACK ENERGY		4181

Surface Location

UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
J	14	16-S	33-E		2310	SOUTH	2310	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot làn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint of	r Infill Co	psolidation (ode Or	der No.		<u> </u>	L	L
40									

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

OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature U Jerry W. Sherrell Printed Name Y=699414.1 N X=715136.2 E LAT.=32'55'14.88" N LONG.=103'37'56.08" W SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison and that the same is true and correct to the best of my belief. JUNE 30, 2005 Date Surveys made by me or under my supervison and that the same is true and correct to the best of my belief. JUNE 30, 2005 Date Surveys made by the or under my supervison and that the same is true and correct to the best of my belief. JUNE 30, 2005 Date Surveys made by the or under my supervison and that the same is true and correct to the best of my belief. JUNE 30, 2005 Date Surveys made by the or under my supervison and that the same is true and correct to the best of my belief. JUNE 30, 2005	OR A NON-STANDARD UNIT HAS BEEN	APPROVED BY THE DIVISION
GEODETIC COORDINATES NAD 27 NME Y=699414.1 N X=715136.2 E LAT.=32'55'14.88" N LONG.=103'37'56.08" W Z310' Z310' Jerry W. Sherrell Printed Name Production Clerk Title 9/30/2005 Date SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison and that the same is true and correct to the best of my bekef. JUNE 30, 2005 Date Surveyed DEL Signature & Seal of My bekef.		I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison and that the same is true and correct to the best of my belief. JUNE 30, 2005 Date Surveyed Signature as See of Professional Surveyor	NAD 27 NME Y=699414.1 N X=715136.2 E LAT.=32*55'14.88" N	Jerry W. Sherrell Printed Name Production Clerk Tiue 9/30/2005
Date Surveyed DEL Signature & Seal of Professional Surveyor S		I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison and that the same is true and correct to the best of my belief.
	5310,	Date Surveyed DEL Signature & Seal of Professional Surveyor Surve

DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 88240

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

State of New Mexico

Energy, Minerals and Natural Resources Department



Form C-102

Revised JUNE 10, 2003 Submit to Appropriate District Office

DISTRICT II OIL CONSERVATION DIVISION 1301 W. GRAND AVENUE, ARTESIA, NM 88210 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505 DISTRICT III

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA PE, NM 87505	WELL LOCATION AND	ACREAGE DEDICATION PLAT	☐ AMENDED REPORT
API Number 30-025-37339	Pool Code 97444	Pool Name Wildcat Graybur	g
Property Code 34552		PER STATE	Well Number
OGRID No. 013837	-	erator Name GY CORPORATION	Elevation 4181
			···-

Surface Location

Γ	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Peet from the	East/West line	County
	J	14	16-S	33-E		2310	SOUTH	2310	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section Towns	hip Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or Infill	Consolidation	Code Or	der No.	· · · · · · · · · · · · · · · · · · ·	L	1	

OPERATOR CERTIFICATION
I hereby certify the the information ntained herein is true and complete to the st of my knowledge and belief. Levy W. Sherrell rinted Name Production Clerk itle 2/30/2005 ate SURVEYOR CERTIFICATION hereby certify that the well location shown this plat was plotted from field notes of truel surveys made by me or under my pervison and that the same is true and rrect to the best of my belief. JUNE 30, 2005 ate Surveyed Ignature & Seal of my belief. DEL Ignature & Seal of my belief.



Energy, Minerals and Natural Resources Department

DISTRICT II 1301 W. GRAND AVENUE, ARTESIA, NM 88210 OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

Revised JUNE 10, 2003 Submit to Appropriate District Office

State Lease - 4 Copies Pee Lease - 3 Copies

Form C-102

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV WELL LOCATION AND ACREAGE DEDICATION PLAT 1220 S. ST. FRANCIS DR., SANTA PB, NM 87505

☐ AMENDED REPORT

API Number	Pool Code	Pool Name		
30-025-37340	33560	Hume;Queen, West		
Property Code 34552	Property SNAPPER	Name	Well Number	
OGRID No.	Operator		Elevation	
013837	MACK ENERGY		4186'	

Surface Location

UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County	ĺ
0	14	16-S	33-E		990	SOUTH	2310	EAST	LEA	

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint o	r Infill Co	nsolidation (ode Or	der No.		<u> </u>	<u> </u>	
40									

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature
GEODETIC COORDINATES NAD 27 NME Y=698094.5 N X=715143.4 E LAT.=32*55'01.82" N LONG.=103*37'56.09" W	Jerry W. Sherrell Printed Name Production Clerk Title 9/30/2005 Date SURVEYOR CERTIFICATION
	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison and that the same is true and correct to the best of my belief.
2310'	JUNE 30, 2005 Date Surveyed Signature Seal End Dell Signature Seal End Dell Professional Surveyor 05.11.1012: Certificate No. Gary Eidson 12641

DISTRICT I 1625 N. PRENCH DB., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

DISTRICT II
1301 W. GRAND AVENUR, ARTESIA, NM 88210

OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

Revised JUNE 10, 2003 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

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

DISTRICT IV

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

S. ST. FRANCIS DR., BANTA FE, NE 67000			
API Number	Pool Code	Pool Name	
30-025-37340	97444	Wildcat Grayburg	
Property Code	Property	Name	Well Number
34552	SNAPPER	STATE	9
OGRID No.	Operator	Name	Elevation
013837	MACK ENERGY	CORPORATION	4186'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	14	16-S	33-E		990	SOUTH	2310	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section T	ownship	Range	Lot idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or I	nfill Con	asolidation C	ode Ord	er No.		<u> </u>		

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature
GEODETIC COORDINATES NAD 27 NME Y=698094.5 N X=715143.4 E LAT.=32*55*01.82** N LONG.=103*37*56.09** W	Jerry W. Sherrell Printed Name Production Clerk Title 9/30/2005 Date SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison and that the same is true and correct to the best of my belief.
2310'	JUNE 30, 2005 Date Surveyed DEL Signature Sol 510 S Professional Surveyor Of Surveyor O

DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 88240

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT II 1301 W. GRAND AVENUE, ARTESIA, NM 88210

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

OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

Form C-102 Revised JUNE 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies Pee Lease - 3 Copies

DISTRICT IV 1220 s. st. francis dr., santa ps., nm 87605	WELL LOCATION AND	ACREAGE DEDICATION PLAT	□ AMENDED REPORT				
API Number	Pool Code	Pool Nam	ie				
30-025-37341	97444	Wildcat Grayburg					
Property Code	Prop	Well Number					
34552	SNAPPER STATE						
OGRID No.	Oper	ator Name	Elevation				
013837	MACK ENERGY CORPORATION 4191'						
	Surfa	ce Location	<u> </u>				

UL or lot No. Section Township Lot ldn Feet from the North/South line Feet from the East/West line County Range Ν 14 16-S 33-E 990 SOUTH 1650 **WEST** LEA

Bottom Hole Location If Different From Surface UL or lot No. Section Township Range Lot ldn Feet from the North/South line Feet from the East/West line County Consolidation Code Dedicated Acres Joint or Infill Order No. 40

	OPERATOR CERTIFICATION I hereby certify the the information
	contained herein is true and complete to the best of my knowledge and belief.
	Jeny W Shenell
GEODETIC COORDINATES NAD 27 NME	Jerry W. Sherrell Printed Name
Y=698080.6 N X=713815.2 E	Production Clerk Title 9/30/2005
LAT.=32*55'01.77" N LONG.=103*38*11.70" W	Date SURVEYOR CERTIFICATION
	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison and that the same is true and correct to the best of my belief.
	JUNE 29, 2005 Date Surveyer Start OS Manual Surveyor OMANA MEX.
1650'	Dan 2160m 760/05
	Certagorie-No. GARY EDISON 12841

DISTRICT I

State of New Mexico

Energy, Minerals and Natural Resources Department



1625 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II 1301 W. GRAND AVENUE, ARTESIA, NM 88210

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

OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

Form C-102 Revised JUNE 10, 2003 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

WELL LOCATION AND	ACREAGE DEDICATION PLAT	☐ AMENDED REPORT
Pool Code	Pool Name	
33560	Hume;Queen, West	
Prop	erty Name	Well Number
SNAPP	ER STATE	10
		Elevation
MACK ENERG	Y CORPORATION	4191'
-	Pool Code 33560 Prop SNAPP	

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	14	16-S	33-E		990	SOUTH	1650	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Peet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres Joint or Infill Consolidation Code					der No.	<u> </u>	<u> </u>	L	<u> </u>
40									

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature
GEODETIC COORDINATES NAD 27 NME Y=698080.6 N X=713815.2 E LAT.=32*55'01.77" N LONG.=103*38'11.70" W	Jerry W. Sherrell Printed Name Production Clerk Title 9/30/2005 Date SURVEYOR CERTIFICATION
	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison and that the same is true and correct to the best of my belief. JUNE 29, 2005
1650'	Date Surveyor DEL Signature & Seal of Surveyor DEL Professional Surveyor DEL OS. 11 013 CE Certificate No. GARY KIRBON 12641

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St Francis Dr., Santa Fe, NM

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102 Permit 16295

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-37478	Pool Name WILDCAT G-01 S163314F;GRAYBURG	Pool Code 97444
Property Code 34552	Property Name SNAPPER STATE	Well No.
OGRID No. 13837	Operator Name MACK ENERGY CORP	Elevation , 4194

Surface And Bottom Hole Location

	UL or Lot	Section 14	Township 16S	Range 33E	Lot Idn D	Feet From 330	N/S Line N	Feet From	E/W Line W	County Lea
		ed Acres	Joint o	Infill	Consoli	dation Code		Order 1	No.	
- 1					1.					

	Week or a second se	
		·

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Electronically Signed By: Jerry Sherrell

Title: Production Clerk
Date: 09/29/2005

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

87505

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St Francis Dr., Santa Fe, NM

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102 Permit 16295

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-37478	Pool Name HUME;QUEEN, WEST	Pool Code 33560
Property Code 34552	Property Name SNAPPER STATE	Well No.
OGRID No. 13837	Operator Name MACK ENERGY CORP	Elevation 4194

Surface And Bottom Hole Location

Dedicated Acres Joint or Infill Consolidation Code Order No.	UL or Lot D	Section 14	Township 16S	Range 33E	Lot Idn D	Feet From 330	N/S Line N	Feet From 330	E/W Line W	County Lea
	Dedicat	_	£			dation Code		***************************************	~·····	

A Control of the Cont		
	·	
	,	

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Electronically Signed By: Jerry Sherrell

Title: Production Clerk
Date: 09/29/2005

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

87505

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St Francis Dr., Santa Fe, NM

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102 Permit 16296

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-37477	Pool Name WILDCAT G-01 S163314F;GRAYBURG	Pool Code 97444
Property Code 34552	Property Name SNAPPER STATE	Well No.
OGRID No. 13837	Operator Name MACK ENERGY CORP	Elevation 4192

Surface And Bottom Hole Location

UL or Lot M	Section 14	Township 16S	Range 33E	Lot Idn M	Feet From 990	N/S Line S	Feet From 330	E/W Line W	County Lea
Dedicat	ed Acres	Joint or	Infill	Consoli	dation Code		Order 1	No.	:
4	0					announce con			

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Electronically Signed By: Jerry Sherrell

Title: Production Clerk Date: 09/29/2005

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

87505

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St Francis Dr., Santa Fe, NM

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102 Permit 16296

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-37477	Pool Name HUME;QUEEN, WEST	Pool Code 33560
Property Code 34552	Property Name SNAPPER STATE	Well No.
OGRID No. 13837	Operator Name MACK ENERGY CORP	Elevation 4192

Surface And Bottom Hole Location

UL or Lot	Section 14	Township 16S	Range 33E	Lot Idn M	Feet From 990	N/S Line S	Feet From 330	E/W Line W	County Lea
-	ted Acres	Joint or	Infill	Consoli	dation Code		Order	No.	9

	·	

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Electronically Signed By: Jerry Sherrell

Title: Production Clerk Date: .09/29/2005

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 874 1 0

E-MAIL ADDRESS jerrys@mackenergycorp.com

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Energy, Minerals and Natural Resources Department

Oil Conservation Division

1220 South St. Francis Dr. Santa Fe, New Mexico 87505

APPLICATION TYPE X Single Well
X Establish Pre-Approved Pools **EXISTING WELLBORE** Yes X No

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation		O. Box 960, Artesia, NM 8821	1-0960
Operator Spanner State	Add 7 C-14-16		Lea
Snapper State Lease		Section-Township-Range	County
OGRID No. 013837 Property Co	de <u>34552</u> API No. <u>30-025</u>	5-37338 Lease Type:	Federal X State Fee
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Hume Queen West		Wildcat Grayburg
PoolCode	33560		97444
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	(+)(-) 3900-4000'		(+)(-) 4350-4500'
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	36.8		36.8
Producing, Shut-In or New Zone	New Zone		New Zone
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history,	Date:	Date:	Date:
applicant shall be required to attach production estimates and supporting data.)	Rates:	Rates:	Rates:
Fixed Allocation Percentage (Note: If allocation is based upon something other	oil Gas	Oil Gas	0il Gas
than current or put production, supporting data or explanation will be required.)	% %	% %	% %
	ADDITIO	NAL DATA	
Are all working, royalty and overriding If not, have all working, royalty and over			Yes <u>No</u> Yes <u>No</u>
Are all produced fluids from all commi	ingled zones compatible with each	other?	YesX No
Will commingling decrease the value of	f production?		YesNoX
If this well is on, or communitized with or the United States Bureau of Land M			YesNo
NMOCD Reference Case No. applicab	le to this well:		_
Attachments: C- 1 02 for each zone to be commin Production curve for each zone for For zones with no production histo Data to support allocation method Notification list of working, royalt Any additional statements, data or	at least one year. (If not available, by, estimated production rates and sor formula. y and overriding royalty interests for	attach explanation.) supporting data. or uncommon interest cases.	
	PRE-APPRO	OVED POOLS	
If application is	s to establish Pre-Approved Pools, t	he following additional information w	ill be required:
List of other orders approving downho List of all operators within the propose Proof that all operators within the prop Bottornhole pressure data.	ed Pre-Approved Pools		
I hereby certify that the informatio	n above is true and complete to	the best of my knowledge and be	lief
SIGNATURE Jeny W.	Shenal TITLE Pr	oduction Clerk	DATE 9/30/2005
TYPE OR PRINT NAME Jerry W	. Sherrell	TELEPHONE NO. (505 \ 748-1288

TELEPHONE NO. (505) 748-1288

District I 1621 N. French Drive, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107A Revised June 10, 2003

District 11

 $E\text{-}MAIL\ ADDRESS \underline{jerrys@mackenergycorp.com}$

District III 1000 Rio Brazos Road, Aztec, NM 874 1 0

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Oil Conservation Division

1220 South St. Francis Dr. Santa Fe, New Mexico 87505

APPLICATION TYPE X Single Well X Establish Pre-Approved Pools EX

KISTING	W	EL	LBORE
V	2 0	X	Nο

Mack Energy Corporation				, Artesia, NM 8821	1-0960	
Operator	_		ress			.
Snapper State	8	J-14-16		:- n		Lea County
Lease	Well No.		Section-Townsh			·
OGRID No. 013837 Property Co	de <u>34552</u>	API No. <u>30-02</u>	5-37339	Lease Type:	Federal X	StateFee
DATA ELEMENT	UPP	PER ZONE	INTER	MEDIATE ZONE	LOV	WER ZONE
Pool Name	Hume Que	en West			Wildcat Gra	ayburg
PoolCode	33560				97444	
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	(+)(-) 3900	-4000'			(+)(-) 4350	-4500'
Method of Production (Flowing or Artificial Lift)	Artificial L	ift			Artificial L	ift
Bottomhole Pressure (Note: Pressure data will not be required ifthe bottom perforation in the lower zone is within 150% ofthe depth of the top perforation in the upper zone)						
Oil Gravity or Gas BTU (Degree API or Gas BTU)	36.8				36.8	
Producing, Shut-In or New Zone	New Zone				New Zone	
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date:		Date:		Date:	
Fixed Allocation Percentage	oil	Gas	Oil	Gas	oil	Gas
(Note: If allocation is based upon something other than current or put production, supporting data or explanation will be required.)		% %		% %	, b	% .
Capitalis in the required,		ADDITIO	NAL DATA			
Are all working, royalty and overriding		ests identical in all co	mmingled zor	nes?		es X No
If not, have all working, royalty and ov Are all produced fluids from all commi			•	certified mail?	Ye	es No es X No
Will commingling decrease the value of	_	-	ottler:			es NoX
If this well is on, or communitized with or the United States Bureau of Land M	, state or fede	ral lands, has either t				es No
NMOCD Reference Case No. applicab						
Attachments: C- 1 02 for each zone to be commin Production curve for each zone for For zones with no production histo Data to support allocation method Notification list of working, royalt Any additional statements, data or	at least one y ry, estimated p or formula. y and overridi	ear. (If not available, production rates and a ng royalty interests for	attach explansupporting dat	ation.) a.		
		PRE-APPRO	OVED POO	<u>LS</u>		
If application is	to establish P	re-Approved Pools, t	he following a	additional information v	will be required	:
List of other orders approving downho List of all operators within the propose Proof that all operators within the prop Bottornhole pressure data.	d Pre-Approv	ed Pools				
I hereby certify that the informatio	n above is tr	ue and complete to	the best of r	ny knowledge and be	elief	
SIGNATURE Jeny W.	Shenel	TITLEPr	oduction Cl	erk	DATE_9/30)/2005
TYPE OR PRINT NAME Jerry W	. Sherrell		T	ELEPHONE NO. (_	505) 748	3-1288

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

District III 1000 Rio Brazos Road, Aztec, NM 874 1 0

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505

E-MAIL ADDRESS jerrys@mackenergycorp.com

Energy, Minerals and Natural Resources Department

Oil Conservation Division

1220 South St. Francis Dr. Santa Fe, New Mexico 87505

APPLICATION TYPE X Single Well
Establish Pre-Approved Pools
EXISTING WELLBORE ____ Yes X_No

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation		O. Box 960, Artesia, NM 8821	1-0960	
Operator	Add			
Snapper State Lease	9 O-14-16 Well No. Unit Letter-S	Lea County		
OGRID No. <u>013837</u> Property Co			• • •	
DATA ELEMENT	UPPER ZONE	LOWER ZONE		
Pool Name	Hume Queen West		Wildcat Grayburg	
PoolCode	33560		97444	
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	(+)(-) 3900-4000'		(+)(-) 4350-4500'	
Method of Production (Flowing or Artificial Lift) Bottomhole Pressure (Note: Pressure data will not be required ifthe bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	Artificial Lift		Artificial Lift	
Oil Gravity or Gas BTU (Degree API or Gas BTU)	36.8		36.8	
Producing, Shut-In or New Zone	New Zone		New Zone	
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production	Date:	Date:	Date:	
estimates and supporting data.)	Rates:	Rates:	Rates:	
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or put production, supporting data or explanation will be required.)	oil Gas	Oil Gas	oil Gas	
	ADDITIO:	NAL DATA		
Are all working, royalty and overriding If not, have all working, royalty and ov	g royalty interests identical in all co	mmingled zones?	Yes No No No	
Are all produced fluids from all commi	YesX No			
Will commingling decrease the value of	Yes No <u>X</u>			
If this well is on, or communitized with or the United States Bureau of Land M	Yes No			
NMOCD Reference Case No. applicab	le to this well:			
Production curve for each zone for For zones with no production histo Data to support allocation method Notification list of working, royalty	ngled showing its spacing unit and act at least one year. (If not available, ory, estimated production rates and sor formula. y and overriding royalty interests for documents required to support com	attach explanation.) supporting data. or uncommon interest cases.		
	PRE-APPRO	OVED POOLS		
If application is	s to establish Pre-Approved Pools, the	he following additional information w	vill be required:	
List of other orders approving downho List of all operators within the propose Proof that all operators within the prop Bottornhole pressure data.	ed Pre-Approved Pools			
I hereby certify that the informatio	<i>al</i>	the best of my knowledge and be	lief	
SIGNATURE Jeny W.	Shevall TITLE Pro	oduction Clerk	DATE 9/30/2005	
TYPE OR PRINT NAME Jerry W	. Sherrell	TELEPHONE NO. (505) 748-1288	

_TELEPHONE NO. (505) 748-1288

State of New Mexico Energy, Minerals and Natural Resources Department Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 874 1 0

<u>District IV</u> 1220 S. St Francis Dr., Santa Fe, NM 87505

E-MAIL ADDRESS jerrys@mackenergycorp.com

Oil Conservation Division

1220 South St. Francis Dr. Santa Fe, New Mexico 87505 APPLICATION TYPE

X Single Well

X Establish Pre-Approved Pools

EXISTING WELLBORE

Yes X No

Mack Energy Corporation			Artesia, NM 8821	1-0960			
Operator	10 N.1	Address 4-16S-33E			Las		
Snapper State Lease	10 N-14 Well No. Unit Le	Lea County					
				r.t Y	•	Fee	
OGRID No. 013837 Property Co	de34332 API No. 30	-023-373-1	Lease Type:	rederal A	State		
DATA ELEMENT	UPPER ZONE	INTERM	IEDIATE ZONE	LOWER ZONE			
Pool Name	Hume Queen West			Wildcat Grayburg			
PoolCode	33560			97444			
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	(+)(-) 3900-4000'			(+)(-) 4350-			
Method of Production (Flowing or Artificial Lift)	Artificial Lift			Artificial Lift			
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)							
Oil Gravity or Gas BTU (Degree API or Gas BTU)	36.8		,	36.8			
Producing, Shut-In or New Zone	New Zone			New Zone			
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production	Date:	Date:		Date:			
estimates and supporting data.)	Rates:	Rates:		Rates:			
Fixed Allocation Percentage (Note: If allocation is based upon something other	oil Gas	Oil	Gas	oil	3		
than current or put production, supporting data or explanation will be required.)	%	%	% %	ó	%	%	
	ADDI	FIONAL DATA					
				V-	$_{\mathbf{s}}\mathbf{X}$	No	
Are all working, royalty and overriding If not, have all working, royalty and ov				Ye	es	No	
Are all produced fluids from all commingled zones compatible with each other?				Ye	s <u>X</u>		
Will commingling decrease the value of production?					es	No <u>X</u>	
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?				Ye	·s	No	
NMOCD Reference Case No. applicab	le to this well:			and the state of t			
Attachments: C- 1 02 for each zone to be comming Production curve for each zone for For zones with no production histor Data to support allocation method Notification list of working, royalt Any additional statements, data or	at least one year. (If not availary, estimated production rates or formula. y and overriding royalty interes	able, attach explana and supporting data sts for uncommon in	ntion.) i.				
	PRE-AP	PROVED POOI	L <u>S</u>	<u>, , , , , , , , , , , , , , , , , , , </u>			
If application is	s to establish Pre-Approved Poo	ols, the following ac	dditional information v	will be required:			
List of other orders approving downho List of all operators within the propose Proof that all operators within the prop Bottornhole pressure data.	ed Pre-Approved Pools	•					
I hereby certify that the informatio	n above is true and complet	te to the best of m	y knowledge and be	elief			
SIGNATURE Carry W.	Sheroll TITL	EProduction Cle	rk	DATE_9/30	/2005		
TYPE OR PRINT NAME Jerry W	. Sherrell	тı	ELEPHONE NO. /	505 \ 749	-1200		

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

District III 1000 Rio Brazos Road, Aztec, NM 874 1 0

E-MAIL ADDRESS jerrys@mackenergycorp.com

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505

Oil Conservation Division

1220 South St. Francis Dr. Santa Fe, New Mexico 87505 APPLICATION TYPE

X Single Well

X Establish Pre-Approved Pools

EXISTING WELLBORE

Yes X No

Mack Energy Corporation		O. Box 960, Artesia, NM 8821	1-0960			
Operator	Addi			-		
Snapper State Lease	11 D-14-16 Well No. Unit Letter-S	Lea County				
OGRID No. 013837 Property Co.		-37478 Lease Type:	Federal	-	Fee	
DATA ELEMENT	UPPER ZONE	LOWER ZONE				
Pool Name	Hume Queen West	Wildcat Grayburg				
PoolCode	33560		97444			
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	(+)(-) 3900-4000'		(+)(-) 4350-4500'			
Method of Production (Flowing or Artificial Lift) Bottomhole Pressure (Note: Pressure data will not be required ifthe bottom	Artificial Lift		Artificia	l Lift	_	
perforation in the lower zone is within 150% ofthe depth of the top perforation in the upper zone)						
Oil Gravity or Gas BTU (Degree API or Gas BTU)	36.8		36.8			
Producing, Shut-In or New Zone	New Zone		New Zone			
Date and Oil/Gas/Water Rates of Last Production.						
(Note: For new zones with no production history, applicant shall be required to attach production	Date:	Date:	Date:			
estimates and supporting data.)	Rates:	Rates:	Rates:_			
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or put production, supporting data or	oil Gas	Oil Gas	oil	Gas		
explanation will be required.)			<u> </u>			
		NAL DATA		YesX		
Are all working, royalty and overriding If not, have all working, royalty and ov		Yes	No			
Are all produced fluids from all commingled zones compatible with each other?				YesX	No	
Will commingling decrease the value of		Yes	No X			
If this well is on, or communitized with or the United States Bureau of Land Ma		Yes	. No			
NMOCD Reference Case No. applicable	e to this well:					
Attachments: C- 1 02 for each zone to be commin Production curve for each zone for For zones with no production histor Data to support allocation method of Notification list of working, royalty Any additional statements, data or	at least one year. (If not available, ry, estimated production rates and sor formula.	attach explanation.) upporting data. r uncommon interest cases.				
	PRE-APPRO	OVED POOLS				
If application is	to establish Pre-Approved Pools, the	ne following additional information w	ill be requi	red:		
List of other orders approving downhol List of all operators within the propose Proof that all operators within the prop Bottornhole pressure data.	d Pre-Approved Pools				·	
I hereby certify that the information SIGNATURE	C = C = C = C = C = C = C = C = C = C =	the best of my knowledge and bel		120/2005		
TYPE OR PRINT NAME Jerry W.				/30/2005 748-1288	<u> </u>	

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 874 1 0

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505

 $E\text{-}MAIL\ ADDRESS \underline{jerrys@mackenergycorp.com}$

State of New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505 APPLICATION TYPE

X Single Well

Establish Pre-Approved Pools

EXISTING WELLBORE

Yes X No

Mack Energy Corporation), Artesia, NM 8821	1-0960			_
Operator		Add						
Snapper State Lease	12 Well No.	M-14-16		hin-Range		Lea County		_
				Endowal	•	E.		
OGRID No. 013837 Property Co	de <u>34332</u> API	No. 30-023	-5/4//	Lease Type:	rederai	State		
DATA ELEMENT	UPPER ZO	NE	INTER	MEDIATE ZONE	LOWER ZONE			
Pool Name	Hume Queen West	<u> </u>			Wildcat Grayburg			
PoolCode	33560				97444			
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	(+)(-) 3900-4000'				(+)(-) 4350-4500'			
Method of Production (Flowing or Artificial Lift)	Artificial Lift				Artificial Lift			
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)								
Oil Gravity or Gas BTU (Degree API or Gas BTU)	36.8				36.8			
Producing, Shut-In or New Zone	New Zone				New Zone			
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history,	Date:		Date:		Date:			
applicant shall be required to attach production estimates and supporting data.)	Rates:		Rates:		Rates:			
Fixed Allocation Percentage	oil c	Gas	Oil	Gas	oil	G	as	
(Note: If allocation is based upon something other than current or put production, supporting data or								
explanation will be required.)	%	%		% % 	`	%		%
		ADDITIO	NAL DATA					
Are all working, royalty and overriding royalty interests identical in all commingled zones? If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?						Yes <u>X</u> Yes	No	
Are all produced fluids from all commingled zones compatible with each other?					,	YesX	No	
Will commingling decrease the value of production?						Yes	No.X	
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?						Yes	No	
NMOCD Reference Case No. applicab	le to this well:							
Attachments: C- 1 02 for each zone to be comming Production curve for each zone for For zones with no production histor Data to support allocation method Notification list of working, royalty Any additional statements, data or	e at least one year. (If no ory, estimated production or formula. y and overriding royalty	ot available, on rates and s y interests fo	attach explai supporting da	nation.) ta.				
	<u>P</u> F	RE- <u>APPR</u> C	OVED POC	<u>ols</u>				
If application is	s to establish Pre-Appro	oved Pools, t	he following	additional information v	vill be require	ed:		
List of other orders approving downho List of all operators within the propose Proof that all operators within the prop Bottornhole pressure data.	ed Pre-Approved Pools	• •	• •					
I hereby certify that the informatio	n above is true and c	omplete to	the best of	my knowledge and be	lief			
SIGNATURE Sery W.	Shanell	_TITLEPro	oduction C	lerk	DATE <u>9/</u>	30/2005		
TYPE OR PRINT NAME Jerry W	. Sherrell		1	relephone no. (_	505) 7	48-1288		