## Distnet I

1625 N. French Dr , Hobbs, NM 88240

Dstrict 11

I 000 Rio Brazos Road, Aztec, NM 87410 JUN 2 1 2012

District IV

1220 S St Francis Dr , Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Submit to appropriate District Office

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

☐ AMENDED REPORT

Form C-101

May 27,2004

APPL	<u>ICATI</u>	ON FOR	R PERMIT	TO DE	RILL, R	E-E	NTER, D	EΙ	EPEN.	PLUGBA	CK. OI	R ADI	O A ZONE	
		Operator Nam- Mack Energ	SS						Number					
	D O B	ation 88211-09				30- 025-27685 <sup>API Number</sup>								
1 Prope	1.0. b		Name			1 30- 023 2	1	6 Wel	l No					
372	rin State 1					1								
'Proposed Pool I									_	Pro	posed Pool	2		
		Vacuum;C	irayburg-Sar	n Andres			_,, l			<u> </u>				
7 Surface														
UL or lot no			Lot Idn		Feet from the		North/South line				est line	County		
L 31 17S 36E 23						23	10			W	est	Lea		
8 Proposed Bottom				om Hole L	Locat	ion If Differ	From S	urface	ice					
UL or lot no	UL or lot no Section Township Range		Lot Idn Fee		Feet fro	om the North/South line		Feet from the EastfW		Vest line County				
		l				117 -	11 T., C.,	4: -	L			i		
Additional Well Information  11 Work Type Code 12 Well Type Code 13 Ground Level Elevation 14 Lease Type Code 15 Ground Level Elevation											nd Lavel Elevation			
į.	E	iz wen Type code					tary			Lease Type Code S		is Ground Level Elevation 3883		
į.	ultiple		" Proposed Depth " For				nation 9 Contrac			9 Contractor			Spud Date	
	10		5800				<del></del>				8/10/08			
Depth to Grou	ndwater 4(	)'		Distance	e from neares	st fresi	h water well			Distance fro	om nearest s	urface wa	ter	
Pit Liner.	Synthetic	mı	ls thick Clay	Pit Vol	umel	bbls	Dr	dlınş	g <u>Method</u>	<u>-</u>				
Closed	i-Loop Syst	em 🛛					<u>Fres</u>	h W	ater 🔲	Brine Diesel/	Oil-based	Gas/A	ır. 🗌	
			2	1 Propos	sed Casii	ng a	nd Cemen	t P	rogran	n				
Hole S	176	Casi	na Size						Sacks of Cement			Estimated TOC		
17 1/2	Hole Size Casing Size 17 1/2 13 3/8		Casing weight/foot 48			400		450sx		Surface				
12 1/4	<u>-</u> .	9 5/8		40		4490		3450sx		Surface				
8 1/2	3 1/2 5 1/2		20, 17			12275		1500sx		Surface				
								on	the prese	nt productive zon	e and prope	osed new	productive zone	
Describe the b	lowout pre	vention progr	am, if any Use	additional s	hects if nece	essary								
						State	IV #1 now	ca	lled the	Buckskin St	ate #1 to	a dept	h of 5800' test the	
Grayburg-Sa	n Andres	formation	ı. Put well o	n product	tion.								}	
											E	l nnro	val	
Will use prev	viously a	pproved C	-144, see atta	ached.			Dorn	nit.	Expir	es 2 Years	" I lado. E Lom v	rway Var		
							I CI II	Ŋα	te Ûn	es 2 Years less Drillin	a Once	1 11.00		
								R)~	• " —					
oftny knowledge and belief I further certify that the dilling pit will be							OH COMORDAL MYON DWYGON							
oftny knowled	OIL CONSERVATION DIVISION													
constructed according to NMOCD guidelines 🖾 a general permit 🗀, or an (attached) alternative OCD-approved plan. 🗀							Approved by							
Signature Very W. Shevell							,,	/	<i></i>	law				
Printed name. Jerry W. Sherrell							Title PETROLEUM ENGLICH							
Title: Production Clerk					Approval Da	11	INI A		Evaluation	Data	-			
E-mail Address: jerrys@mec.com					Approvat Da	. F	HA 😤	2012 ·	Expiration	Date				
			1	·····							· ·			
Date <sup>.</sup>	6/19/1	2	Phone	(575)74	18-1288		Conditions of	Apj	proval Att	ached 🔲				

District I 1625 N French Dr., Hobbs, NM 88240 State of New Mexico EnerRy, Minerals & Natural Resources Form C-102 Revised March 17, 1999

District II
811 South First, Artesia, NM 88210

1000 Rio Brazos Rd , Aztec, NM 87410

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe. NM 87505

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

District III 1000 Rio B District IV

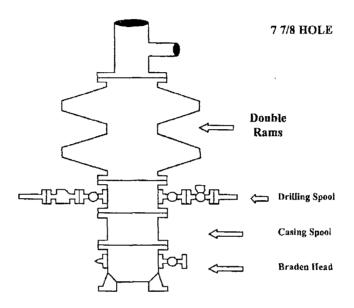
Santa Fe.	NM 87505						AME	NDED REPORT				
, 04/10- 1-7		ELL LOC	CATION	AND ACRE	EAGE DEDIC	ATION PLAT		1000 1101 0111				
'API Number					'Pool Name							
30-025-27685				· ·	`Vacuum;Grayburg-San Andres							
Property Code				'Property Na		'Well Number						
37284			Buckskin State									
OGRID No					'Elevation							
013837			Mack Energy Corporation									
			,	ні Surface L	ocation							
с Section	Township	Range Lot Idn Feet f		Feet from the	North/South line	Feet from the	East/West line	County				
31	17S	36E		2310	South	660	West	Lea				
		" Bott	om Hole	Location If	Different From	Surface						
Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County				
" joint or	Infill "Co	nsolidation C	ode " Ord	er No								
			1									
)	Section	Section Township  Section Township	WELL LOC PI Number 1025-27685  Occided Township Range 31 178 36E  "Bott Section Township Range	WELL LOCATION Pl Number Pool Code Pool Code 62180  M  Section Township Range Lot Idn 31 178 36E  Bottom Hole Section Township Range Lot Idn	WELL LOCATION AND ACRE Property Na December Pool Code O25-27685 62180  Property Na Buckskin S Operator Na Mack Energy Co HI Surface L C Section Township Range Lot Idn Feet from the 31 178 36E 2310  "Bottom Hole Location If Section Township Range Lot Idn Feet from the	WELL LOCATION AND ACREAGE DEDIC.  Property Name Buckskin State  Operator Name Mack Energy Corporation HI Surface Location  Section Township Range Lot Idn Feet from the North/South line 31 178 36E 2310 South  "Bottom Hole Location If Different From Section Township Range Lot Idn Feet from the North/South line  Section Township Range Lot Idn Feet from the North/South line	WELL LOCATION AND ACREAGE DEDICATION PLA Property Name Buckskin State Operator Name Mack Energy Corporation HI Surface Location  Section Township Range Lot Idn Feet from the 31 178 36E 2310 South 660  Bottom Hole Location If Different From Surface  Section Township Range Lot Idn Feet from the North/South line Feet from the Section Township Range Lot Idn Feet from the North/South line Feet from the Feet from the Section Township Range Lot Idn Feet from the North/South line Feet from the Section Township Range Lot Idn Feet from the North/South line Feet from the Section Township Range Lot Idn Feet from the North/South line Feet from the Section Township Range Lot Idn Feet from the North/South line Feet from the Section Township Range Lot Idn Feet from the North/South line Feet from the Section Township Range Lot Idn Feet from the North/South line Feet from the Section Township Range Lot Idn Feet from the North/South line Feet from the Section Township Range Lot Idn Feet from the North/South line Feet from the Section Township Range Lot Idn Feet from the North/South line Feet from the Section Township Range Lot Idn Feet from the North/South line Feet from the Section Township Range Lot Idn Feet from the North/South line Fee	WELL LOCATION AND ACREAGE DEDICATION PLAT  Pool Code Pool Name Vacuum; Grayburg-San Andres  Property Name Buckskin State  Operator Name Mack Energy Corporation  HI Surface Location  Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line 31 178 36E 2310 South 660 West  Bottom Hole Location If Different From Surface  Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line  Bottom Hole Location If Different From Surface				

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

	NON-STAIN	DARD UNIT HAS BE	EN AFFROVED BI I	HE DIVISION
16				OPERATOR CERTIFICATION
				I berely certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unlessed mineral interest in the land including the proposed bottom hole location or has a right to drill this wall at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulary pooling order heretofore entered by the division.
				Signature Terry W. Shand
				Jerry W. Sherrell
				Production Clerk
			_	Date 7/29/08
660				"SURVEYOR CERTIFICATION  I hereby certify that the well location shown on this plat was plotted from held notes ofactual surveys made by me
	-			or under my supervision, and that the same is true and correct to the best of my belief
/ Ø				Date of Survey
23				Signature and Sea) of ProtessionalSurveyer.
				Certificate Number

## Mack Energy Corporation Exhibit #1-A

## **BOPE Schematic**



## Choke Manifold Requirement (3000 psi WP) No Annular Required

