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 District IV			State of New Mexico Energy, Minerals & Natural Resourses Department OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088					Form C-10 Revised February 10, 199 Instructions on bac Submit to Appropriate District Offic State Lease - 6 Copic Fee Lease - 5 Copic				
PO Box 2088, Sant	ta Fe, NM 8	7504-2088								AMENI	DED REPORT	
APPLICA	TION I	FOR PE		Operato	LL, RE-EN		PEN	, PLUGBA	ACK,	ÖGF	RID Number	
				P.O. I	y Corporation 3ox 960 4 88211-0960					AF	013837 11 Number 025-25991	
	ty Code					perty Name			I		Well No. 1	
	<u> </u>	l			Surface L					I	1	
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South lin	ne	Feet from the	East/W	est line	County	
К	18	18S	35E		1980	South		1980	v	Vest	Lea	
		·	L	Bottom 1	Hole Locati		rent					
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South In	ne	Feet from the	East/W	est line	County	
	, ,	Propose SWD;W	olfcamp	I			1_	Propose	d Pool 2	2	I	
Work Ty	pe Code		Well Type	Code	Cable/I	Rotary	1	Lease Type Co	de	Ground	Level Elevation	
E			S		R			S			3964	
/ Mult No			Proposed 1 1105(Formation Wolfcamp		Contractor			Spud Date 4/15/08	
			Р		l Casing an			ram	·			
Hole S12			ig Size	Casu	ng weight/foot	Setting Dep	pth	Sacks o	f Cement		Estimated TOC	
17 1/4	·	13			48	358		340sx		Surface		
<u>11</u> 7 7/8		<u> </u>			<u>32</u> 17	3601 11050		· 1000sx 2300sx		230 Surface		
											····	
zone Describe t cement to s Well will t	he blowout M surface. P be drilled hit Expi	t prevention j lack Energ Perforate th	orogram, if y Corpora e Wolfca osed loop	any Use add ation propo mp format system. m Appre	EN or PLUG BAC ditional sheets if no oses to Re-enter ion for a SWD	the Shetland S	•	#1 to a depth	of 11,0 BCC MAR 1	50', run 5 EIV 7 2008	1/2 casing and	
I hereby certify t			Entry		lete to the best			NSERVA				

Signature

Tıtle

Date

Printed name

3/14/08

rei	1 .1 10	
lener 1	W. Shenell	Approval by Chies Williams
<i>O</i> Jerry W	7. Sherrell	THOC DISTRICT SUPERVISOR/GENERAL MANAGEP
Produc	tion Clerk	Approval Date AR 2 4 2008 Expinition Date
	Phone [.]	CONDITION OF APPROVAL - CANNOT dispo
8	(575)748-1288	down wellbore until Salt Water Disposal order is

CONDITION OF APPROVAL - CANNOT dispose down wellbore until Salt Water Disposal order is approved by the OCD Santa Fe office.

District I 1625 N French Dr , Hobbs, NM 88240 District 11 811 South First, Artesia, NM 88210 District III 1000 Rio Brazos Rd , Aztec, NM 87410 District IV 2040 South Pacheco, Santa Fe, NM 87505

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State of New Mexico EnerRy, Minerals & Natural Resources

Form C-102 Revised March 17, 1999

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe. NM 87505

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

)5	AMENDED REPORT
WELL LOCATION AND ACREAGE DEDICATION PLAT	

'A	PI Numbe	r		' Pool Code		'Pool Name					
30-	025-259	91		96135	fcamp						
Property Code						'Well Number					
370				Shetland S	SWD			1			
'OGRID N	10				' Operator N	Vaine			'Elevation		
01383	7			Ν	lack Energy C	orporation			3964		
					н Surface I	Location					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West In	ne County		
K	18	18S	35E	35E 1980		South	1980	West	Lea		
			" Bot	tom Hole	e Location If	Different From	m Surface				
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West In	ne County		
" Dedicated Acres	" joint or	Infill "	Consolidation	Code "Ord	ler No						
40											

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

16				OPERATOR CERTIFICATION
				I hereby 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 unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a whimtary pooling agreement or a compulsory pooling order heretofore entered by the division.
				Signature Jerry W. Shenoll
				Printed Name J Jerry W. Sherrell
				Title Production Clerk
			 	Date 3/14/08
				"SURVEYOR CERTIFICATION
				I hereby certify that the well location shown on this plat was
1980'				plotted from field notes ofactual surveys made by me or under my supervision, and that the same is true and correct
	,	Î		to the best of my belief
				Date of Survey
			 	Signature and Sea] of ProfessionalSurveyer.
	Ĩ			
	,086,			
	6			
L_	. 1			Certificate Number
			1	_

Mack Energy Corporation Minimum Blowout Preventer Requirements 3000 psi Working Pressure 3 MWP **EXHIBIT #1-A**

NO.	Items	Min	Min
		I.D	Nominal
1	Flowline		2"
2	Fill up line		2"
3	Drilling nipple		
4	Annular preventer		
5	Two single or one dual hydraulically operated rams		
6a	Drilling spool with 2" min kill line and 3" min choke line outlets		2" Choke
6b	2" min. kill line and 3" min. choke line outlets in ram. (Alternate to 6a above)		
7	Valve Gate Plug	3 1/8	
8	Gate valve-power operated	3 1/8	
9	Line to choke manifold		3"
10	Valve Gate Plug	2 1/16	
11	Check valve	2 1/16	
12	Casing head		
13	Valve Gate Plug	1 13/16	
14	Pressure gauge with needle valve		
15	Kill line to rig mud pump manifold		2"

OPTIONAL

Stack Requirements

3"	€Blind Rams
	€Pipe Ram
2"	Drilling Spool
]	Casing Head

CONTRACTOR'S OPTION TO FURNISH:

Flanged Valve

16

- All equipment and connections above bradenhead or casinghead. Working pressure of preventers to be 3000 psi minimum
- 2. 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.
- 5. Inside blowout preventer 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.
- 8. 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 casing head and side valves. 1.
- 2. Wear bushing If required.

GENERAL NOTES:

1 13/16

- Deviations from this drawing may be 1. 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 choke valves must be full opening and suitable for high pressure mud service
- 3 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, or bean sizes, retainers, and choke wrenches to be conveniently located for immediate use.
- 5 All valves to be equipped with handwheels or handles ready for immediate use
- 6. Choke lines must be suitably anchored.

Handwheels and extensions to be 7. connected and ready for use.

ANNULAR PREVENTER

Roms

- 8. Valves adjacent to drilling spool to be kept open. Use outside valves except for emergency.
- All seamless steel control piping (3000 9 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.
- Do not use kill line for routine fill up 11 operations.

Mack Energy Corporation

Exhibit #1-A MIMIMUM CHOKE MANIFOLD 3,000, 5,000, and 10,000 PSI Working Pressure 3 M will be used or greater 3 MWP - 5 MWP - 10 MWP



Below Substructure

					ium requ	n ements						
		3,000 MWP 5,000 MWP							10,000 MWP			
No.		I.D.	NOMINAL	Rating	I.D.	Nominal	Rating	I.D.	Nominal	Rating		
1	Line from drilling Spool		3"	3,000		3"	5,000		3"	10,000		
2	Cross 3" x 3" x 3" x 2"			3,000			5,000					
2	Cross 3" x 3" x 3" x 2"									10,000		
3	Valve Gate Plug	3 1/8		3,000	3 1/8		5,000	3 1/8		10,000		
4	Valve Gate Plug	1 13/16		3,000	1 13/16		5,000	1 13/16		10,000		
4a	Valves (1)	2 1/16		3,000	2 1/16		5,000	2 1/16		10,000		
5	Pressure Gauge			3,000			5,000			10,000		
6	Valve Gate Plug	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		
8	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		2"	10,000		
11	Valve Gate Plug	3 1/8		3,000	3 1/8		5,000	3 1/8		10,000		
12	Line		3"	1,000		3"	1,000		3"	2,000		
13	Line		3"	1,000		3"	1,000		3"	2,000		
14	Remote reading compound Standpipe pressure quage			3,000			5,000			10,000		
15	Gas Separator		2' x5'			2' x5'			2' x5'			
16	Line		4"	1,000		4"	1,000		4"	2,000		
17	Valve Gate Plug	3 1/8		3,000	3 1/8		5,000	3 1/8		10,000		

Mimimum requirements

(1) Only one required in Class 3M

Gate valves only shall be used for Class 10 M (2)

(3) Remote operated hydraulic choke required on 5,000 psi and 10,000 psi for drilling.

EQUIPMENT SPECIFICATIONS AND INSTALLATION INSTRUCTION

- 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.

Chokes shall be equipped with tungsten carbide seats and needles, and replacements shall be available. 4.

- 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.
- 6 Line from drilling spool to choke manifold should bee as straight as possible. Lines downstream from chokes shall make turns by large bends or 90 degree bends using bull plugged tees.