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Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I State of New Mexico Form C-102 P.O. Box 1980, Hobbs, NM 88241-1980 Revised February 10, 1994 Energy, Minerals and Natural Resources Department Submit to Appropriate District Office DISTRICT II State Lease - 4 Copies P.O. Drawer DD, Artesia, NM 88211-0719 Fee Lease - 3 Copies : دینتد DISTRICT III OIL CONSERVATION DIVISION 1000 Rio Brazos Rd., Aztec, NM 87410 P.O. Box 2088 Santa Fe, New Mexico 87504-2088 DISTRICT IV □ AMENDED REPORT P.O. BOX 2088, SANTA FE, N.M. 87504-2088 WELL LOCATION AND ACREAGE DEDICATION PLAT API Number Pool Code Pool Name 96610 East Empire Yeso Property Code Property Name Well Number SCHLEY Federal 022367 8 OGRID No. **Operator** Name Elevation MACK ENERGY CORPORATION 013837 3607 Surface Location UL or lot No. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County F 29 17 S 29 F 1580 NORTH 1650 WEST 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 Consolidation Code Order 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 OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. 580' Matt 3610.3 -3608.0 Matt J. Brewer -1650' Printed Name 3606.6 3603.9 Geological Engineer Title <u>5113198</u> 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. APRIL 22, 1998 Date Surveyed DMCC Signatura & Seal 60 and on all surveyor -04-98 0618 Certificarie No. 5004 p FIDSON 3239 12641 McDONALD 12185

Attachment to Exhibit #1 NOTES REGARDING THE BLOWOUT PREVENTERS Schley Federal #8 Eddy County, New Mexico

- 1. Drilling nipple to be so constructed that it can be removed without use of a welder through rotary table opening, with minimum I.D. equal to preventer bore.
- 2. Wear ring to be properly installed in head.
- 3. Blow out preventer and all fittings must be in good condition, 2000 psi WP minimum.
- 4. All fittings to be flanged.
- 5. Safety valve must be available on rig floor at all times with proper connections, valve to be full 2000 psi WP minimum.
- 6. All choke and fill lines to be securely anchored especially ends of choke lines.
- 7. Equipment through which bit must pass shall be at least as large as the diameter of the casing being drilled through.
- 8. Kelly cock on Kelly.
- 9. Extension wrenches and hands wheels to be properly installed.
- 10. Blow out preventer control to be located as close to driller's position as feasible.
- 11. Blow out preventer closing equipment to include minimum 40-gallon accumulator, two independent sources of pump power on each closing unit installation all API specifications.

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

MACK ENERGY CORPORATION EXHIBIT #1-A



BEYOND SUBSTRUCTURE

			MINI	MUM REQL	IREMENT	S				
	-I		3,000 MWP			5,000 MWP		10,000 MWP		
No.		1.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"x3"x3"x2"			3,000			5,000			<u> </u>
-	Cross 3"x3"x3"x3"									10,000
3	Valves(1) Gate C Plug C(2)	3-1/8*		3,000	3-1/8*		5,000	3-1/8*		10,000
4	Vaive Gate C Plug C(2)	1-13/16*		3,000	1-13/18*		5,000	1-13/18*		10,000
48	Valves(1)	2-1/16*		3,000	2-1/18"		5,000	3-1/8"		10,000
5	Pressure Gauge			3,000			5,000			10,000
8	Valves Gate C Plug (2)	3-1/8"		3,000	3-1/8*		5,000	3-1/8*		10,000
7	Adjusiable Choke(3)	2*		3,000	2*		5,000	2*		10,000
6	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 D Plug D(2)	3-1/8*		3,000	3-1/8*		5,000	3-1/8*		10,000
12	Unes		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
16	Gas Separator		2'x5'			2'x5'			2'x5'	
16	Line		4*	1,000		4*	1,000		4*	2,000
17	Valves Gate C Plug C(2)	3-1/8*		3,000	3-1/8*		5,000	3-1/8*		10,000

(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.
- 6. Line from drilling spool to choke manifold should be as straight as possible. Lines downstream from chokes shall make

MINIMUM BLOWOUT PREVENTER REQUIREMENTS

2.,000 psi Working Pressure

2 MWP

MACK ENERGY CORPORATION EXHIBIT #1-A

	STAC	K REQUIREME	NTS	
No.	llem	Min. I.D.	Min. Nominal	
1	Flowline			
2	Fill up line			2"
3	Drilling nipple			
4	Annular preventer			
5	Two single or one dual operated rams			
6 a	Drilling spool with 2" m 3" min choke line outle		2"Choks	
60	2" min. kill line and 3" min. choke line outlets in ram. (Alternate to 6a above.)			
7	Vaive	Gate 🛙 Plug 🗋	3-1/8*	
8	Gate valve-power ope	3.1/8*		
9	Line to choke manifold		3*	
10	Valves	Gale D Plug D	2-1/16"	
11	Check valve		2-1/16*	
12	Casing head			
13	Valve	Gate 🛛 Plug 🔾	1-13/16*	
14	Pressure gauge with ne	edle valve		
15	Kill line to rig mud pump		2*	



[· · · · · · · · · · · · · · · · · · ·	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 psi, 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.
- 8.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:

1.Bradenhead or casinghead and side valves.

GENERAL NOTES:

- 1. Deviations from this drawing may be made only with the express permission of MEC's Drilling Manager.
- 2.All connections, valves, littings, piping, etc., subject to well or pump pressure must be llanged (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.
- 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, 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 suitably 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 (2000 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