District I 1625 N. French Dr., Hobbs, NMr68240 District III 1301 W. Grand Avenue, Art San NM 88210 District III 1000 Rio Brazos Road Aztec, NM 87 10 District IV 1220 S. St. Francis Dr. San French M 8750

State of New Mexico Energy Minerals and Natural Resources

RESUBMITTAL

Form C-101 May 27, 2004

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe. NM 87505 Submit to appropriate District Office

AMENDED REPORT

1220 S St. F1							ŕ							
APPI	LICAT	[ON F	OR	PERMIT Operator Name	TO D and Addre	RILL, RE	ENTI	ER, DI	CEPE	N, PLUGBAO		Number	•	
BEPC	O, L.P.	PΩ	Box	2760	Midland	Texas 7970	2				³API 1	Number	001801	
	rty Code		T		· · · ·	³ Property		Name 6 Well No.					ll No.	
001796	3			Poker Lake	e Unit			AUC 2	2 3 20(7	24			
Nash Drav	v (Delawa	are, Bo	ne S	roposed Pool 1 pring, Avalor	n Sd)		0	ı	RTEC	riop	osed Pool	2		
						⁷ Surface	e Locat	tion	- Lange May	*85~\				
UL or lot no.	Section 32	Townsl 24S	- 1	Range 30E	Lot		rom the		outh line	Feet from the	East/W		County Eddy	
		L		⁸ Propo	sed Botte	om Hole Loc		4		7	<u> </u>			
UL or lot no.	Section	Townsi	nip	Range	Lot		rom the	1	outh line	Feet from the	East/W	est line	County	
		L			Ac	lditional W	ell Inf	ormatic	on					
'' Work N	Type Code		0	12 Well Type Co	de	13 Cal	le/Rotary		14	Lease Type Code S			and Level Elevation	
NO 16 M	lultiple		7(¹⁷ Proposed Dep 697'		Delaw				19 Contractor Adobe Drilling		:	²⁰ Spud Date 15/2007	
Depth to Grou	ındwater	150'			Distance	e from nearest fre	sh water	well 2-1/	2 miles		n nearest s	urface wa	ter 6 miles	
i	-		_mils	thick Clay		ume <u>11500</u> bbls		Drillu	ng Method					
Close	d-Loop Sys	tem L	····	21	. D	10 :	1.0			Brine X Diesel/O	il-based L	XJ Gas/A	<u>ur L l</u>	
		T		3		sed Casing	1			1		T		
Hole S 14-3/4"	ize	11	Casın -3/4	g Size	Casını 42#	g weight/foot		Setting De 240'	epth	Sacks of Ce	ement	Su	Estimated TOC Surface	
11"			3-5/8"		32#			547'		1000			00' **	
7-7/8"		5	-1/2"		15.5	& 17#	76	697'		900	900		00'	
		-					+					1		
								the data of	on the pres	ent productive zone	and prop	osed new	productive zone.	
						heets if necessar		n is a	וו וו פרו	NG PROGNOSI	S AND	Δ ROP	DIAGRAM	
*BEPCC), L.P. pro	poses	to dr	ill 10' into th	e salt se	ction to insur				alt are penetrate				
				and cemente			d only if	f we end	counter'	free flowing sai	nd" as v	as four	nd in our	
Poker La	ake Unit #	#217 lo	cated	d in section 1	19, T24S	, R30E.	-			_				
										, +2300') and we eded the low fra				
Lower B	rushy Ca	nyon S	ands	. Therefore,	the 11" o	casing is proj	osed ir	order t	to put thi	is problem behir	nd pipe	and the	reby allow for	
										ving sand proble e production hol				
										by BEPCO, L.P				
	re) Field.		···											
				iven above is tri certify that the		plete to the best it will be	ļ		OIL C	CONSERVAT	ION I	<u>DIVIS</u>	ION	
constructed an (attached				uidelines 🕱, a ved plan 🗀.	general p	ermit 🗆, or	Appro	ved by		BRY	AN G.	ARR	ANT	
Printed name:	Annette	Childe	ers (Smart	10.CD	ilder	Title:						EOLOGIST	
	ministrati							val Date!	JG 2 4	4 2007 E	xpiration	_{Date} , Al	JG 2 4 2008	
E-mail Addre	ss: machi	lders@)bass	spet.com	120									
Date 8-3	la-or	1		Phone 432	-683-22	77	Condu	tions of A	pproval At	tached 🔲		,		

DISTRICT I 1625 N. French Dr., Hobbs, NM 68240 DISTRICT II 811 South First, Artesia, NM 88210

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised March 17, 1999

Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

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

DISTRICT IV 2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	per Pool Code Pool Name					
30-015-34317	47545	Nash Draw (Delaware, Bone Spring, Avalon				
Property Code	Pro	perty Name	Well Number			
001796	POKER	LAKE UNIT	244			
OGRID No.	Оре	rator Name	Elevation			
001801	BEF	CO, L.P.	3195'			
	G¢	T4i				

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	١	
L	32	24 S	30 E		2290	SOUTH	100	WEST	EDDY	l	
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	s Joint o	r Infill C	onsolidation (Code Or	der No.				
40	N								

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

ON A NON BIAND	ARD UNIT HAS BEEN APPROVED BY	
	.	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
162.60 gcres	162.55 acres	Refer to original Signature
		Printed Name Title
LAT ~ N32°10'22.9" LONG - W103°54'42.4"		SURVEYOR CERTIFICATION I hereby certify that the well location shown
1000		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.
162.78 acres	162.73 acres	Date Surfered MEx Signature & Sage of Professional Surveyor
		Certificate No. Geographics 7977 Basin surveyS

DISTRICT I 1525 N. French Dr., Hobbs, NM 85240 State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised March 17, 1999

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2040 South Pacheco, Santa Fe, NM 87505

DISTRICT IV

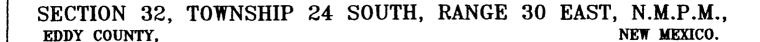
OIL CONSERVATION DIVISION

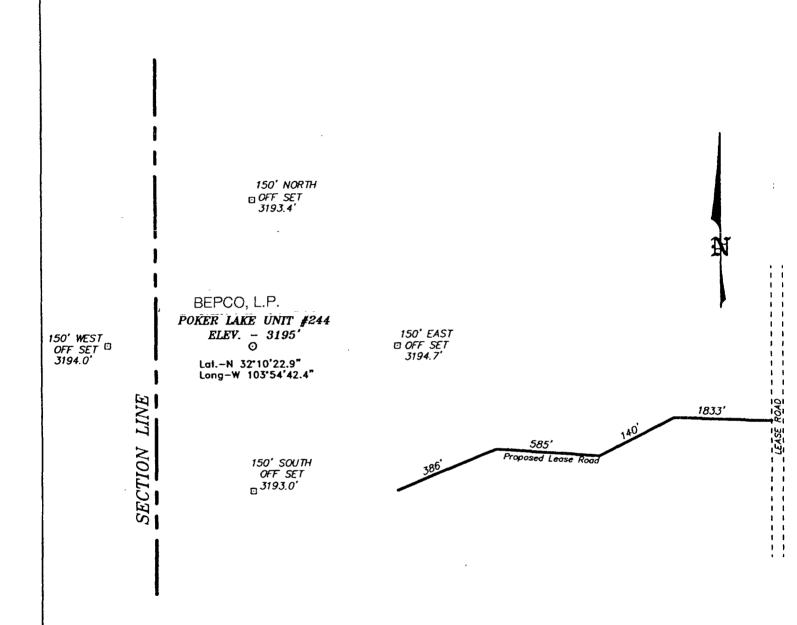
2040 South Pacheco

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

			WELL LO	CATI	ON AN	ND ACREA	GE DEDICATI	ON PLAT			
API	Number		122	Pool Co	de		ספיי די ארני	Pool Name			
Property C	Code	1	الريار ا	F&		Property Nam	· Undes. C	AWARE Can	yor Well No	Well Number	
001796 POKER LAKE UNIT							24				
OGRID No. Operator Name					Klevat						
001301		<u> </u>	BASS	ENTE	RPRIS	ES PROD	UCTION COMP	ANY	319	5'	
					St	irface Loc					
UL or lot No.	Section	Township	Range	Lot lo	in Fe	et from the	North/South line	Feet from the	East/West line	County	
	32	24 S	30 E			2290	SOUTH	100	WEST	EDDY	
			Bottom	Hole	Locati	on If Diffe	rent From Sur	face			
UL or lot No.	Section	Township	Range	Lot lo	dn Fe	et from the	North/South line	Feet from the	East/West line	County	
			<u> </u>								
Dedicated Acres		r Infill (Consolidation	Code	Order 1	No.					
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LAT - N32*10	.22.9"							Date			
LONG - W103	54'42.4"			<u> </u>				SURVEYO	OR CERTIFICAT	NOI	
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DIRECTIONS TO LOCATION:

FROM THE JUNCTION OF STATE HWY 128 AND RAWHIDE ROAD, GO SOUTH FOR 10.2 MILES TO OLD MINDMILL; THENCE WEST FOR 1.2 MILE; THENCE SOUTHEAST FOR 1.8 MILE PAST A CATTLE GUARD; THENCE SOUTH FOR 0.6 MILE TO PROPOSED LEASE ROAD.

BASIN SURVEYS P.O. BOX 1786 - HOBBS, NEW MEXICO

100 0 100 200 FEET

SCALE: 1" = 100'

BEPCO, L.P.

EF: POKER LAKE UNIT No. 244 / Well Pad Topo

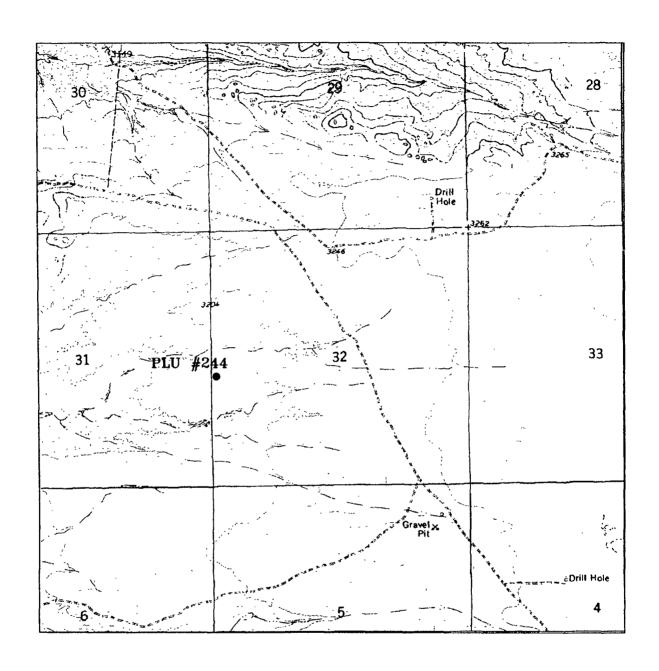
THE POKER LAKE UNIT No. 244 LOCATED 2290' FROM

THE SOUTH LINE AND 100' FROM THE WEST LINE OF

SECTION 32, TOWNSHIP 24 SOUTH, RANGE 30 EAST,

N.M.P.M. EDDY COUNTY NEW MEXICO.

0 Number 5301 | Dealin Dill V 00



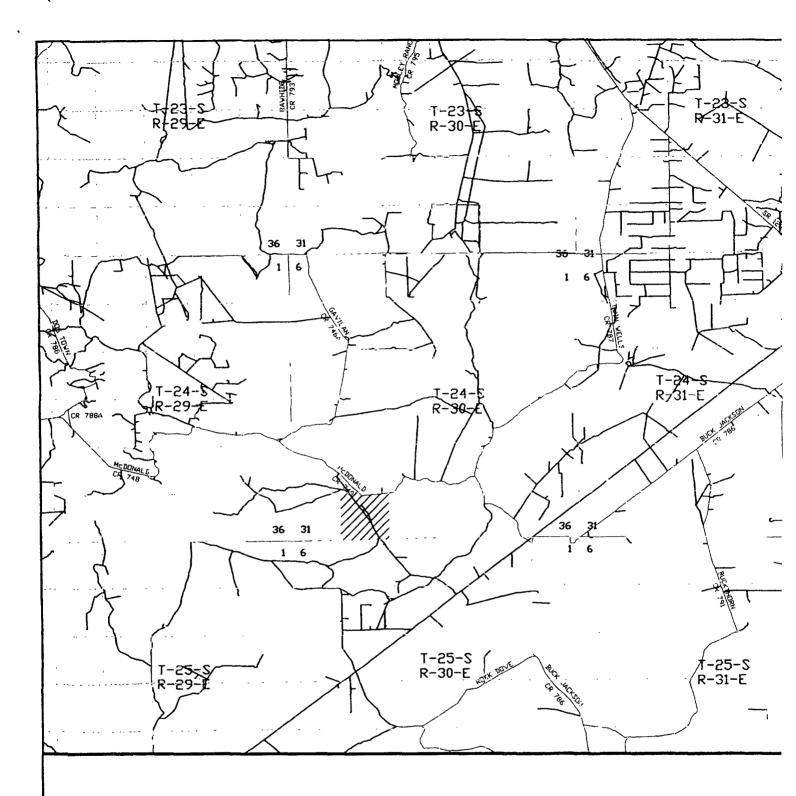
POKER LAKE UNIT #244 Located at 2290' FSL and 100' FWL Section 32, Township 24 South, Range 30 East, N.M.P.M., Eddy County, New Mexico.



P.O. Box 1786 1120 N. West County Rd. Hobbs, New Mexico 88241 (505) 393-7316 - Office (505) 392-3074 - Fax

W.O. Number:	5391AA – KJG #7
Survey Date:	05-27-2005
Scale: 1" = 20	000'

BEPCO, L.P.



POKER LAKE UNIT #244 Located at 2290' FSL and 100' FWL Section 32, Township 24 South, Range 30 East, N.M.P.M., Eddy County, New Mexico.



P.O. Box 1786 1120 N. West County Rd. Hobbs, New Mexico 88241 (505) 393-7316 - Office (505) 392-3074 - Fax

5391AA - KJG #7	l.
05-27-2005	
MILES	
	05-27-2005

BEPCO, L.P.

EIGHT POINT DRILLING PROGRAM BEPCO. L.P.

NAME OF WELL: POKER LAKE UNIT #244

LEGAL DESCRIPTION - SURFACE: 2290' FSL & 100' FWL, Section 32, T-24-S, R-30-E, Eddy County, New Mexico.

POINT 1: ESTIMATED FORMATION TOPS

(See No. 2 Below)

POINT 2: WATER, OIL, GAS AND/OR MINERAL BEARING FORMATIONS

Anticipated Formation Tops: KB 3215' (est)

GL 3195'

<u>FORMATION</u>	ESTIMATED TOP FROM KB	ESTIMATED SUBSEA TOP	BEARING
T/Salt	242'	+ 2,970'	Barren
B/Salt	3,332'	- 120'	Barren
T/Lamar	3,537'	- 325'	Barren
T/Ramsey	3,571'	- 359'	Oil/Gas
T/Lwr Brushy Canyon	7,100'	- 3,888'	Oil/Gas
T/"Y" Sand	7,217'	- 4,005'	Oil/Gas
T/Bone Springs Lime	7,392'	- 4,180'	Oil/Gas
TD	7,697'	- 4,485'	

POINT 3: CASING PROGRAM

TYPE	HOLE SIZE	INTERVALS	PURPOSE	CONDITION .
16"	20"	0' – 60'	Conductor	Contractor Discretion
11-3/4", 42#, J-55, ST&C	14-3/4"	0' – 232'	Surface	New
8-5/8", 32#, J-55, LT&C	11"	0' - 3,547'	Intermediate	New
5-1/2", 15.50#, K-55, LT&C	7-7/8"	0' - 6,500'	Production	New
5-1/2", 17#, K-55, LT&C	7-7/8"	6,500' - 7,697'	Production	New

CASING DESIGN SAFETY FACTORS:

TYPE	TENSION	COLLAPSE	BURST
11-3/4", 42#, J-55, 8rd, ST&C	31.51	10.08	8.63
8-5/8", 32#, J-55, LT&C	3.28	1.37	1.11
5-1/2", 15.5#, J-55, LT&C	1.79	1.39	1.44
5-1/2", 17#, J-55, LṬ&C	11.62	1.54	1.60

DESIGN CRITERIA AND CASING LOADING ASSUMPTIONS:

SURFACE CASING

Tension A 1.6 design factor utilizing the effects of buoyancy. (9.2 ppg)

Collapse

A 1.0 design factor with full internal evacuation and a collapse force equal to the mud gradient in which the casing will be run (0.48 psi/ft). The effects of axial load on collapse will be considered.

Burst

A 1.3 design factor with a surface pressure equal to the fracture gradient at setting depth less a gas gradient to the surface. Internal burst force at the shoe will be fracture pressure a that depth. Backup pressure will be formation pore pressure. In all cases a conservative fracture pressure will be used such that it represents the upper limit of potential fracture resistance up to a 1.0 psi/ft gradient. The effects of tension on burst will not be utilized.

PROTECTIVE CASING

Tension A 1.6 design factor utilizing the effects of buoyancy (10 ppg).

Collapse A 1.0 design factor with full internal evacuation and a collapse force equal to the mud gradient in which the casing will be run (0.52 psi/ft). The effects of axial load on collapse will be considered.

In the case of development drilling, collapse design should be analyzed using internal evacuation equal to 1/3 the proposed total depth of the well. This criterion will be used when there is absolutely no potential of the protective string being used as a production casing string.

Burst

A 1.0 surface design factor and a 1.3 downhole design factor with a surface pressure equivalent to the fracture gradient at setting depth less a gas gradient to the surface. Internal burst force at the shoe will be fracture pressure at that depth. Back pressure will be formation pore pressure. In all cases a conservative fracture pressure will be used such that it represents the upper limit of potential fracture resistance up to a 1.0 psi/ft gradient.

PRODUCTION CASING

Tension A 1.6 design factor utilizing the effects of buoyancy (9.2 ppg).

Collapse A 1.0 design factor with full internal evacuation and a collapse force equal to the mud gradient in which the

casing will be run (0.48 psi/ft). The effects of axial load on collapse will be considered.

Burst A 1.25 design factor with anticipated maximum tubing pressure (3460 psig) on top of the maximum anticipated packer fluid gradient. Backup on production strings will be formation pore pressure. The

effects of tension on burst will not be utilized.

POINT 4: PRESSURE CONTROL EQUIPMENT (SEE ATTACHED DIAGRAM)

A BOPE equivalent to requirements of Onshore Oil & Gas Order No. 2-2000 psi system (Diagram 2) will be nippled up on the surface casing head. The BOP stack, choke, kill lines, kelly cocks, inside BOP, etc. when installed on the surface casing head will be hydro-tested to 2000 psig by independent tester. The BOPE when rigged up on the intermediate casing spool will be as described in Diagram 2 and will be tested to 3000 psig by independent tester. (As per Onshore Oil & Gas Order No 2-3000 psig system) In addition to the high pressure test, a low pressure (200 psig) test will be required on both surface and intermediate casing strings. These tests will be performed:

- a) Upon installation
- b) After any component changes
- c) Fifteen days after a previous test
- d) As required by well conditions

A function test to insure that the preventers are operating correctly will be performed on each trip.

POINT 5: MUD PROGRAM

DEPTH	MUD TYPE	<u>WEIGHT</u>	FV	<u>PV</u>	<u>YP</u>	<u>FL</u>	<u>Ph</u>
0' - 242'	FW Spud Mud	8.5 - 9.2	45-35	NC	NC	NC	10.0
242' - 3537'	BW	9.8 - 10.2	28-30	NC	NC	NC	9.5-10.5
3537' - 6000'	Fresh Water	8.8 - 9.2	28-30	NC	NC	NC	9.5-10.5
₋ 6000' – 6900'	FW/Starch	8.8 - 9.2	30-35	4	8	<100	9.5-10.5
6900' – 7700'	FW/Starch	8.8 - 9.2	40-45	4	8	<25	9.5-10.5

^{**} If there is no intermediate casing set @ 3465', the drilling fluid will be 10 ppg BW to 5600' where it will be converted to BW/Diesel with properties as follows: 8.8-9 ppg, 32-40 funnel secs vis, YP2, PV 8, FL 25 cc or less, Ph 9.5-10.

NOTE: May increase vis for logging purposes only.

POINT 6: TECHNICAL STAGES OF OPERATION

A) TESTING

None anticipated.

B) LOGGING

GR-CNL-LDT-LLD from TD to Base of Salt (+/-3,322'). Run GR-CNL from Base of Salt to surface.

C) CONVENTIONAL CORING

None anticipated.

D) CEMENT *

INTERVAL SURFACE:	AMOUNT _SKS	FT OF FILL	TYPE	GALS/SK	PPG	FT ³ /SK
Lead 0 - 787' (100% excess)	207	287	Class C + 2% CaCl ₂	6.33	14.8	1.34
PRODUCTION: Stage 2						
Lead 0 - 4900' (50% excess circ to surface)	1058	4900	50/50 Poz C + 10% D20 + 0.02% D46 + 0.125 pps D130 + 5% D44	14.71	11.9	2.50
Tail 4900' - 5000' (50% excess)	55	100	Class C + 1% D13	6.33	14.8	1.34
DV Tool @ ± 5000'						
Stage 1 Lead 5000' - 6000' (50% excess)	319	1000	CemCrete 39/31 + 2% D53 + 0.05 gps D604AM + 0.03 gps M45 + 2 pps D24 + 0.04 gps D801	9.88	10.2	2.33

INTERVAL Stage 1	AMOUNT <u>SKS</u>	FT OF FILL	TYPE	GALS/SK	<u>PPG</u>	FT ³ /SK
Tail 6000' - 7697' (50% excess)	641	1697	CemCrete 39/31 + 2% D53 + 0.05 gps D604AM + 0.03 gps M45 + 2 pps D24 + 0.04 gps D801	7.34	10.5	2.04
* INTERMEDIATE (if re Lead 0' - 3297' (100% excess circ to surface)	equired): 724	3297	50/50 Poz C + 10% D20 + 0.02% D46 + 0.125 pps D130 + 5% D44	14.71	11.9	2.50
Tail 3297' - 3547' (100% excess)	115	250	Class C + 1% CaCl ₂	6.34	14.8	1.34

E) DIRECTIONAL DRILLING

No directional services anticipated.

POINT 7: ANTICIPATED RESERVOIR CONDITIONS

Normal pressures are anticipated throughout Delaware section. A BHP of 3464 psi (max) or MWE of 8.7 ppg is expected. Lost circulation may exist in the Delaware section from 3,571'-7,392'. No H_2S is anticipated.

Estimated BHT is 140° F.

POINT 8: OTHER PERTINENT INFORMATION

A) Auxiliary Equipment

Upper and lower kelly cocks. Full opening stab in valve on the rig floor.

B) Anticipated Starting Date

Upon approval

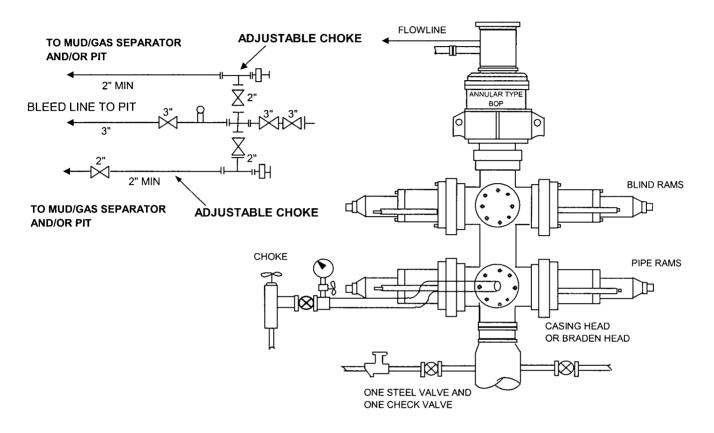
12 days drilling operations

14 days completion operations

GEG/mac August 21, 2007

BEPCO, L. P. 3-M WP BOPE WITH 3-M WP ANNULAR

3 M CHOKE MANIFOLD EQUIPMENT-CONFIGURATION MAY VARY



THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- A. One double gate Blowout preventer with lower pipe rams and upper blind rams, all hydraulically controlled.
- B. Opening on preventers between rams to be flanged, studded or clamped and at least two inches in diameter.
- C. All connections from operating manifold to preventers to be all steel hose or tube a mininum of one inch in diameter.
- D. The available closing pressure shall be at least 15% in excess of that required with suffficient volume to operate (close, open, and re-close) the preventers.
- E. All connections to and from preventers to have a pressure rating equivalent to that of the BOPs.
- F. Manual controls to be installed before drilling cement plug.
- G. Valve to control flow through drill pipe to be located on rig floor.
- H. Chokes must be adjustable. Choke spool may be used between rams.

DIAGRAM 2