strict I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV

State of New Mexico **Energy Minerals and Natural Resources**

Form C-101 May 27, 2004

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

Submit to appropriate District Office RECEIVED

☐ AMENDED REPORT

1220 S. St. Fr	ancis Dr., S	anta Fe, N	M 87505			Santa	Fe, N	M 875	05		JUN 2 3 20	05		
APPI	LICATI	ONFO)R PERMI'	ттор	RIL	L.RE-	ENTE	R. DI	EEPE	99	4 MARK	GK (O)	RAD	D A ZONE
			¹ OperatorNam	e and Addre	ess						001801	² OGRII	Numb	er
Bass Enter P. O. Box	2760 Mi	dland, T	X 79702							ľ		ARIN	Jumber 416	<u> </u>
3 Prope	ertyCode		T			5 Property	Name				30 - OF	>		ell No.
001796	·		POKER	LAKE	JNIT						•		242	
13 1 -			'ProposedPool 1								10 Prop	osedPool	2	
Under.	'DE	LAWA	E COLOR											
Corral	Cany	٠,٠	13360		<u>' S</u>	Surface	Locat	ion						
UL or lot no.	Section	Township	, ,	Lot	Lot Idn Feet from the		North/South line Feet from the			East/We	estline	County		
D	32	24S	30E			810		FNL		660		FWL		EDDY
	1			osedBot										
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N		0			R	-			S			32	07 GL	
NO "M	fultiple	77	¹⁷ Proposed De	pth	DEI	Fort " AWARI	mation =		GREY		Contractor		Λ0/1	²⁰ Spud Date 5/2005
Depth to Grou	ındwater			Distance	.1	nearest fres	h water v	reli		- VV (Distance from	n nearest su		
		150'	7.11.1	☐, Pit Vo			2-	1/2 MI					6	MILES
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Close	d-Loop Syst	em 🗀		uts In							e X Diesel/()i-based_L	M Gas/	Air L.L
				Propo	sed C	Casing a	<u>nd Ce</u>	ment	Progra	m	-		 	
Hole S	Size	C	asing Size	Casin	g weigh	nt/foot	5	Setting D	epth	\perp	Sacks of Co	ment		Estimated TOC
14-3/4"		11-3/4"		42#			350'				50			FACE *
11" 8-5/8" 32# 354 0' 950 1000'**														
7-7/8"		5-1/2"		15.5 &	17#		7700'			19	00		3100	<u>'</u>
Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.														
Describe the l	blowout prev	vention pro	ogram, if any. Use	additional	sheets i	f necessary	<i>'</i> .		-			•		•
SURFACE		ED BY	THE STATE (OF NEW	MEX	ICO. AT	TACE	IED IS	A DRI	LLII	NG PROGN	IOSIS A	ND A	BOP
		ill 10' in	to the salt sect	ion to ins	ure al	l zones a	bove tl	ne salt a	are pene	etrat	ed. The casi	ing will b	e set	10'-20' above
the total de	pth and ce	mented	to surface.		. 1	4 11 . 3 .	.1 .6			c	a .	1	c	1. D.
Lake Unit	ermediate #217 loca	casing i	s a contingency	y string to S.R30E.	o be ir	istalled c	only if v	we enco	ounter "	rree	flowing sar	ia" as wa	is four	nd in our Poker
Lake Unit #217 located in section 19, T24S,R30E. In Poker Lake Unit #217 this sand occurred at several depths (+ 1500', + 1800', + 1950', + 2300') and we were only able to control it														
by "Mudding Up" with a high vis drilling fluid which with the resultant mud weight exceeded the low frac gradient in the Delaware														
	Lower Brushy Canyon Sands. Therefore, the 11" casing is proposed in order to put this problem behind pipe and thereby allow for the drilling of the Delaware Sands with a fresh water low weight drilling fluid. If the flowing sand problem is not encountered the													
intermediate casing will not be run. Hole size will be reduced to 7-7/8" at 3550' and the production hole drilled with a brine														
water/diese Field.	l emulsion	n mud. 7	This drilling flu	id has be	en use	ed sucess	fully o	n 37 w	ells dril	led l	by Bass in t	he (Nash	Draw) Delaware
	rtify that the	informatio	on given above is t	rue and con	mlete te	n the hest	R	1						
23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be							[/_	OIL C	9	ISERVA	HOND	IS	ION	
constructed according to NMOCD guidelines 🔼, a general permit 🗀, or					Appro	ved by:	1		gger en					
an (attached	an (attached) alternative OCD-approved plan .								V.	Z		Z S	-	Cartan,
Printed name	Cindi C	Goodmar	1				Title	3/1						
Title:	Product	tion Cle	<u>k</u>				Appro	val Date:	JU	03	2005 E	xpiration I	Date:	JL 0 3 2006
E-mail Addre	ss: cdgood	man@b	asspet.com											
Date: 06/1				(432)683	-2277	,	Condit	ionsof A	pproval A	ttach	ed 🗆			

DISTRICT I 1625 N. French Dr., Hobbs, NM 88240 DISTRICT II

State of New Mexico

Form C-102 Revised March 17, 1999

Energy, Minerals and Natural Resources Department Submit to Appropriate District Office

Pool Name

State Lease - 4 Copies Fee Lease - 3 Copies

811 South First, Artesia, NM 88210 DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

API Number

Pool Code

OIL CONSERVATION DIVISION 2040 South Pacheco

☐ AMENDED REPORT

DISTRICT IV 2040 South Pacheco, Santa Pe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

Santa Fe, New Mexico 87504-2088

Property Code O01796 Property Name POKER LAKE UNIT Querator Name O01801 BASS ENTERPRISES PRODUCTION COMPANY Surface Location U, or lot No. Section Township Bottom Hole Location if Different From Surface UI or lot No. Section Township Bottom Hole Location if Different From Surface UI or lot No. Section Township Range Lot Idn Peet from the North/South line Peet from the East/West line County Bottom Hole Location if Different From Surface UI or lot No. Section Township Range Lot Idn Peet from the North/South line Peet from the East/West line County Bottom Hole Location If Different From Surface UI or lot No. Section Township Range Lot Idn Peet from the North/South line Peet from the East/West line County Bottom Hole Location UNII ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION I best of may knowledge and belse, WR DANNELS Printed Name OPERATOR CERTIFICATION I best of may knowledge and belse, SURVEYOR CERTIFICATION I harreby certify that the well location shown on this plat was platent from Field notes of certified notes of great was platent from Field notes of certified notes of great was platent from printed notes of great was platent from Field notes of
OGRID No. 001301 BASS ENTERPRISES PRODUCTION COMPANY Surface Location UL or let No. Section Township Range Lot ldn Peet from the North/South line Feet from the East/West line County Bottom Hole Location If Different From Surface UL or let No. Section Township Range Lot ldn Peet from the North/South line Feet from the East/West line County Bottom Hole Location If Different From Surface UL or let No. Section Township Range Lot ldn Peet from the North/South line Feet from the East/West line County Bodicated 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 flarein is true and complete to the best of my immudelege and belief. Signature No Annel S Frinted Name DIVISION DRILLING SUPT. Title L-21-05 Date SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of accurate reverse made by mere to under my land travel certification and the splat was plotted from field notes of accurate reverse made by mere to under my land travellar control street and complete from field notes of accurate reverse made by mere to under my land travellar control street and complete from field notes of accurate reverse made by mere to under my land travellar control street and complete to the location shown on this plat was plotted from field notes of accurate reverse made by mere to under my land travellar location shown on this plat was plotted from field notes of accurate reverse made by mere to under my land travellar location shown on the plat was plotted from field notes of accurate reverse made by mere to under my land travellar location shown on the plat was plotted from field notes of accurate reverse made by mere to under my land travellar location shown on the plat was plotted from field notes of ac
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correct to the best of my belief.
JUNE 2, 2005
Date Surreyed
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(XQ. No. 5389)
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SECTION 32, TOWNSHIP 24 SOUTH, RANGE 30 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

> 150' NORTH OFF SET 3203.8

BASS ENTERPRISES PROD. CO. POKER LAKE UNIT #242 ELEV. - 3207'

> Lat.-N 32°10'44.7" Long-W 103°54'35.9"

150' EAST 3206.5

100

150' SOUTH OFF SET 3208.5

781' Proposed Lease Road

DIRECTIONS TO LOCATION:

150' WEST OFF SET □

3208.0

FROM THE JUNCTION OF STATE HWY 128 AND RAWHIDE ROAD, GO SOUTH FOR 10.2 MILES TO OLD WINDMILL; THENCE WEST FOR 1.2 MILE; THENCE SOUTHEAST FOR 1.8 MILE PAST A CATTLE GUARD: THENCE SOUTH FOR 0.2 MILE TO PROPOSED LEASE ROAD.

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

W.O. Number: 5389 K. GOAD Drawn By: Date: 06-03-2005 Disk: KJG CD#7 -5389A.DWG BASS ENTERPRISES PRODUCTION CO.

SCALE: 1" = 100'

100

200 FEET

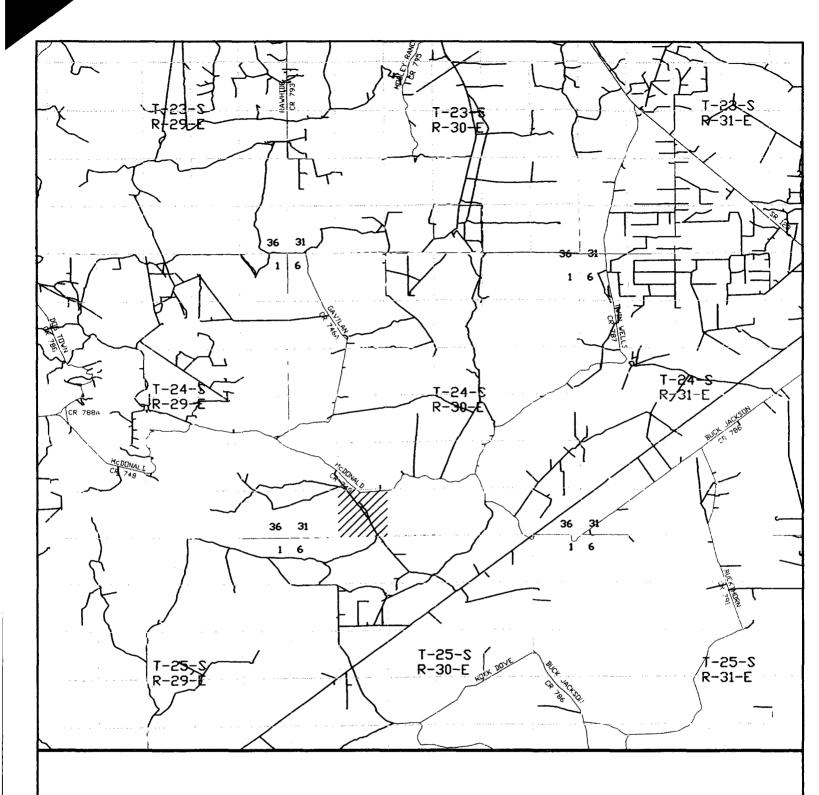
Sheets

REF: POKER LAKE UNIT No. 242 / Well Pad Topo

THE POKER LAKE UNIT No. 242 LOCATED 810' FROM THE NORTH LINE AND 660' FROM THE WEST LINE OF SECTION 32, TOWNSHIP 24 SOUTH, RANGE 30 EAST,

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

Sheet Survey Date: 06-02-2005



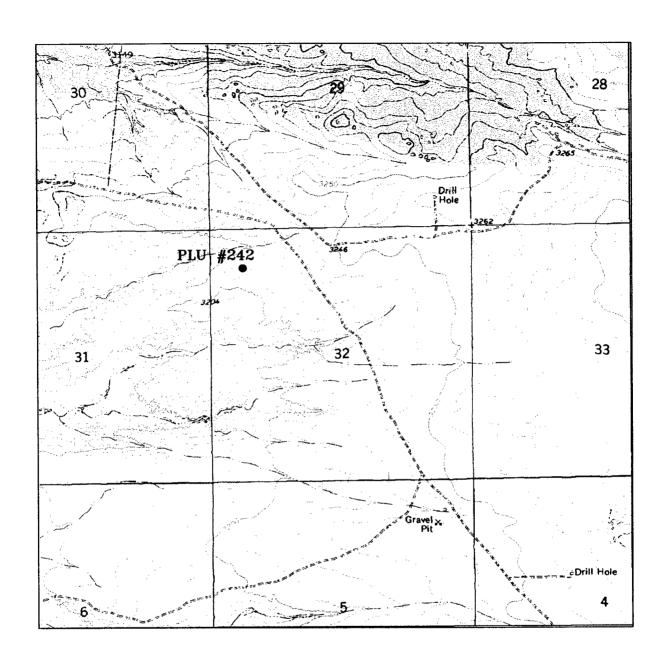
POKER LAKE UNIT #242 Located at 810' FNL and 660' FWL Section 32, Township 24 South, Range 30 East, N.M.P.M., Eddy County, New Mexico.



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

W.O. Number:	5389AA - KJG #7
Survey Date:	05-27-2005
Scale: 1" = 2	MILES
Date: 06-03-	-2005

BASS ENTERPRISES PRODUCTION CO.



POKER LAKE UNIT #242 Located at 810' FNL and 660' 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 basinsurveys.com

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W.O. Number:	5389AA - KJG #7	
Survey Date:	05-27-2005	_
Scale: 1" = 20	000'	
Date: 06-03-	-2005	_

BASS ENTERPRISES PRODUCTION CO.

EIGHT POINT DRILLING PROGRAM BASS ENTERPRISES PRODUCTION CO.

NAME OF WELL: POKER LAKE UNIT #242

LEGAL DESCRIPTION - SURFACE: 810' FNL & 660' 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 3227' (est)

GL 3207'

FORMATION	ESTIMATED TOP FROM KB	ESTIMATED SUBSEA TOP	BEARING
T/Salt	357'	+ 2,870'	Barren
B/Salt	3,355'	- 128'	Barren
T/Lamar	3,537'	- 310'	Barren
T/Ramsey	3,587'	- 360'	Oil/Gas
T/Lwr Brushy Canyon	7,087'	- 3,860'	Oil/Gas
T/"Y" Sand	7,207'	- 3,980'	Oil/Gas
T/Bone Springs Lime	7,376'	- 4,149'	Oil/Gas
TD	7,700'	- 4,473'	

POINT 3: CASING PROGRAM

TYPE	INTERVALS	PURPOSE	CONDITION .
16"	0' - 60'	Conductor	Contractor Discretion
11-3/4", 42#, WC-50, ST&C	0' - 350'	Surface	New
8-5/8", 32#, WC-50, LT&C	0' - 3,540'	Intermediate	New
5-1/2", 15.50#, K-55, LT&C	0' - 6,500'	Production	New
5-1/2", 17#, K-55, LT&C	6,500' 7,700'	Production	New

POINT 4: PRESSURE CONTROL EQUIPMENT (SEE ATTACHED DIAGRAM)

A BOPE equivalent to requirements of Onshore Oil & Gas Order No. 2 – 2000 psi system (Diagram 1) 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 70% of internal yield pressure of casing or 1000 psig whichever is less with the rig pump. 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. 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

<u>DEPTH</u>	MUD TYPE	WEIGHT	_FV_	<u>PV</u>	YP_	FL	<u>Ph</u>
0' - 350'	FW Spud Mud	8.5 - 9.2	45-35	NC	NC	NC	10.0
350' - 3540'	BW	10.0	28-30	NC	NC	NC	9.5-10.5
3540' - 6000'	Fresh Water	8.4 - 8.9	28-30	NC	NC	NC	9.5-10.5
6000' 6900'	FW/Starch	8.7 - 8.9	30-35	4	8	<100	9.5-10.5
6900' – 7700'	FW/Starch	8.7 - 8.9	40-45	4	8	<25	9.5-10.5
*Will 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	AMOUNT SXS	FT OF FILL	TYPE	GALS/SX	<u>PPG</u>	FT ³ /SX
SURFACE: Circulate	cement to surface.					
Lead 0'-350' (100% excess)	250	350	Premium Plus+2% CaClz 1/ 4# Flocele	6.33	14.8	1.35
INTERMEDIATE: Lead 1000'-3040' (200% excess)	650	2040	Interfill C+0.3% Halad R-322	14.11	11.9	2.45
Tail 3040' - 3540 (200% excess)	300	500	Premium Plus+2% CaClz	6.33	14.8	1.35
PRODUCTION:						COMPRESSIVE
Lead 3100'-7700' (50% excess)	900	4600	Premium Plus + 1% Zone Sealant 2000	6.32	11.9	Nitrogen Strength 1.65 300/600 1200 scf/bbl

E) DIRECTIONAL DRILLING

No directional services anticipated.

POINT 7: ANTICIPATED RESERVOIR CONDITIONS

Normal pressures are anticipated throughout Delaware section. A BHP of 3322 psi (max) or MWE of 8.7 ppg is expected. Lost circulation may exist in the Delaware section from 3,587'-7,700'. No H₂S 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

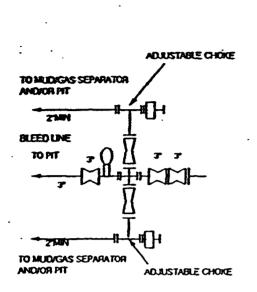
12 days drilling operations

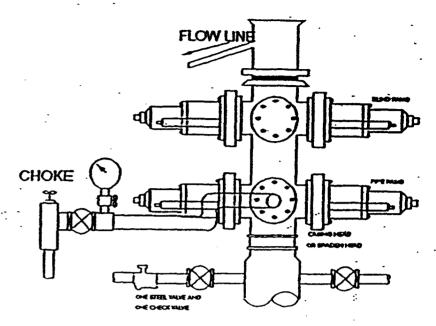
14 days completion operations

GEG/cdg

June 17, 2005

2000 PSI WP

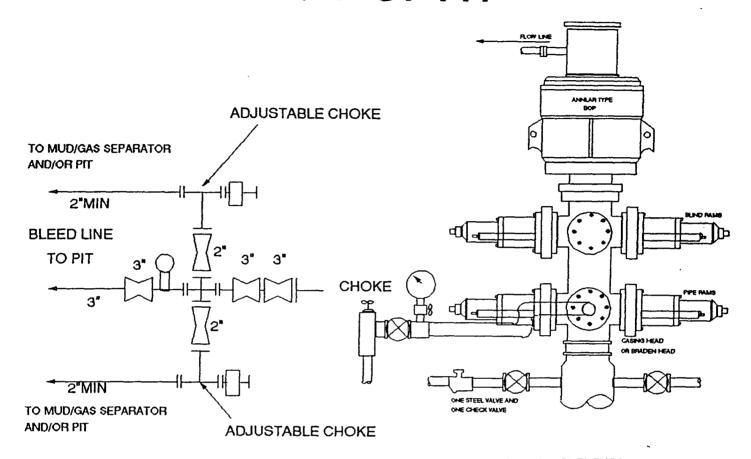




THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- A. One double gate blowout preventer with lower rams for pipe and upper rams blind, 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 minimum of one inch in diameter.
- D. The available closing pressure shall be at least 15% in excess of that required with sufficient 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 BOP's.
- 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. All chokes will be adjustable. Choke spool may be used between rams.

3000 PSI WP



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