Date:

06/16/2005

Phone:

(432)683-2277

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

Form C-101 May 27, 2004

1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. F.

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

RECEI Subprit to appropriate District Office

☐ AMENDED REPORT JUN 2 3 2005

1220 S. St. FI				r Ta d	DII			נת מי		Ç	CD-An	TEO	ÄD AD	D A ZONE
Bass Enter			¹ OperatorNam	e and Addre	ess	L, KE-	FINIT	JK, DI	LEPE		<u>LUGBA</u> 001801	² OG	RID Numb	DA ZONE er
P. O. Box	2760 M	idland, T	Č 79702					30- 0 (5 ² API-Number 7 c			70			
³ PropertyCode ⁵ Property									·		<u> </u>		°We	ell No.
001796 POKER LAKE UNIT												<u> </u>	245	
Proposed Pool 1 - DELAWARE											1º Pro	posedPo	ool 2	
<u>es. Con</u>	ral C	aryer		D	<u>'S</u>	Surface	Locat			т				
UL or lot no.	Section 32	Township 24S	Range 30E	Lot	Idn	Feet fro	om the	North/S FSL	outh line	660	eet from the	FW]	t/Westline L	County EDDY
		· · · · · · · · · · · · · · · · · · ·	⁸ Prop	osed Bot	tom H	ole Loca	tion If l	Differer	nt From	Surf	ace			
UL or lot no.	Section	Township	Range	Lot	Idn	Feet fro	om the	North/S	outh line	Feet from the		East	t/Westline	County
				A	dditic	onal We	ell Info	rmati	on					
	Type Code		12 Well Type Co	ode		13 Cable	/Rotary			¹⁴ Leas	e Type Code			und Level Elevation
N 16 N	1 ultiple	0	17 Proposed De	nth	R	18 For	mation		S	19 C	Contractor		3192' GI	²⁰ Spud Date
NO		775			DEL	AWARI			GREY				08/0	1/2005
Depth to Grou	undwater	150'		Distance	cefrom	nearestfres	h water v	_{vell} 1/2 mil	ec		Distance fro	m neare		ater miles
Pit: Liner	: Synthetic		ilsthick Clay	Pit Vo	lume <u>: 1</u>	1,500 _{bls}			ng <u>Metho</u>	d:'			U	inics
Close	xd-Loop Sys	tem 🗆						Fresh V	Vater X	Brin	e 🛛 Diesel/	Ol-base	d X Gas/	Air 🗖
			2	1 Propo	sed C	Casing a	nd Ce	ment	Progra	ım				
Hole S	Size	Ca	sing Size		ng weigh			Setting De			Sacks of C	ement		Estimated TOC
14-3/4"		11-3/4"		42#	0	- 	240'			35			SUR	FACE*
11"		8-5/8"		32#			3550'			95	50	1000' **		1 **
7-7/8"		5-1/2"		15.5 &	17#		7750'			90	00	3100'		,1
										-				
22 Described	he proposed	I program I	fthic application	is to DEED	EN or B	DI LIG BAC	'V give	the data o	n the nre	cent n	roductive zon	e and n	ronosed nev	w productive zone.
Describe the ISURFACE DIAGRAM *Bass propthe total de * *This interpretation of the Island State Lake Unit # In Poker Laby "Muddin Lower Brusthe drilling intermediat water/diese Field. 33 I hereby cere of my knowled	IS OWN I. oses to dipth and cermediate #217 locale Unit # ng Up" why Canyo of the Dee casing of the Dee trify that the	rill 10' into emented to casing is ated in section and section and ith a high on Sands. blaware Sa will not be n mud. The	the salt section of the salt section of the salt section surface. a contingency of the salt occurred wis drilling fluctured with a free run. Hole significant designing flucture is drilling flucture is drilling flucture in successful the salt of	additional OF NEW ion to ins systring to S,R30E. at severa uid which e 11" cas esh water we will be id has be	sheets if MEX sure all o be in l depth h with sing is low vereduceen use	f necessary ICO. AT I zones a nstalled of the resu propose weight dr ced to 7- ed sucess to the best be	bove the book of t	MED IS we enco 800', + ud weig der to p luid. If 3550' a n 37 we	A DRI are pendounter " 1950', ght excut this the flow and the ells dril	trate free + 23 eeded prob wing prod led b	od. The case flowing sate of the low file of the low file behind sand probluction hole.	ing wi ind" as e were rac gra pipe a lem is e drille the (Na	was four only abladient in the and there not encored with a ash Draw	BOP 10'-20' above and in our Poker the to control it the Delaware by allow for untered the brine by Delaware
constructed	according	to NMOCD	guidelines ⊠, a proved plan □.				Appro	ved by:	<u>(</u>	プ	Jun.	I W	/.	Tem
Printed name:	: Cindi (Goodman					Title:		N		ned	man de la company de la compan	- 3	genera.
Title:		tion Clerl	ζ				Appro	val Date:	July	3	, 2005	Expirati	on Date: /	July 3. 2000
E-mail Addre	ss: cdgood	lman@ba	sspet.com						0				0	7 ,
			1			. —	_			_				

Conditions of Approval Attached

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

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised March 17, 1999

Submit to Appropriate District Office

Certificate No. Gary La Jones

BASID SORVEYS

7977

State Lease - 4 Copies Fee Lease - 3 Copies

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

811 South First, Artesia, NM 88210

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 13.360 Undes. Canal Canylon										
Property (Property Name POKER LAKE UNIT					Well Nu 24			
OGRID No).		11 - 11	<u> </u>	Operator Nam				Elevation	
001801	-		BASS	ENTERP	-	UCTION COMP.	ANY	3192		
					Surface Loca					
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
M	32	24 S	30 E		560	SOUTH	660	WEST	EDDY	
			Bottom	Hole Lo	cation If Diffe	rent From Sur	face			
UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County	
Dedicated Acres	Joint o	r Infill Co	nsolidation (Code Or	der No.	<u> </u>				
40	N									
NO ALLO	WABLE W					NTIL ALL INTER APPROVED BY		EN CONSOLIDA	ATED	
		162.60 acr	es		162.55 acr	res	Signature W.R. DAN Printed Name DIVISION Title Date	/ f/n NELS	Cormation ete to the	
AT 7 N3210 LONG - W103	162.78 '05.9" '54'36.0"	ocres			162.73 oc	res	on this plat we actual surveys supervison and correct to the	that the same is best of my belief	notes of under my true and	

SECTION 32, TOWNSHIP 24 SOUTH, RANGE 30 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

> 150' NORTH OFF SET 3193.2

Proposed Lease Road 3197'

BASS ENTERPRISES PROD. CO. POKER LAKE UNIT #245 ELEV. - 3192'

0

Lat.-N 32°10'05.9" Long-W 103°54'36.0" 150' EAST 3194.0

150' SOUTH OFF SET ₀ 3192.3'

DIRECTIONS TO LOCATION:

150' WEST

3191.1

OFF SET

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 0.9 MILE TO PROPOSED LEASE ROAD.

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

W.O. Number: 5392 Drawn By: K. GOAD

Date: 06-03-2005 Disk: KJG CD#7 5392A.DWG 100 100 200 FEET SCALE: 1" = 100'

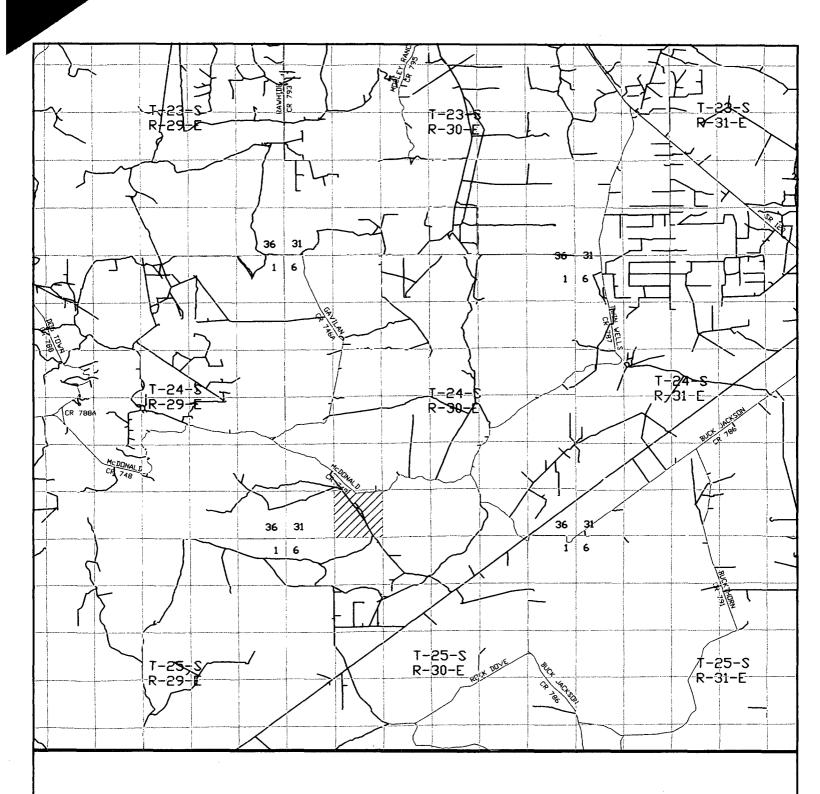
BASS ENTERPRISES PRODUCTION CO.

REF: POKER LAKE UNIT No. 245 / Well Pad Topo THE POKER LAKE UNIT No. 245 LOCATED 560' FROM THE SOUTH 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

Sheets



POKER LAKE UNIT #245 Located at 560' FSL and 660' FWL Section 32, Township 24 South, Range 30 East, N.M.P.M., Eddy County, New Mexico.

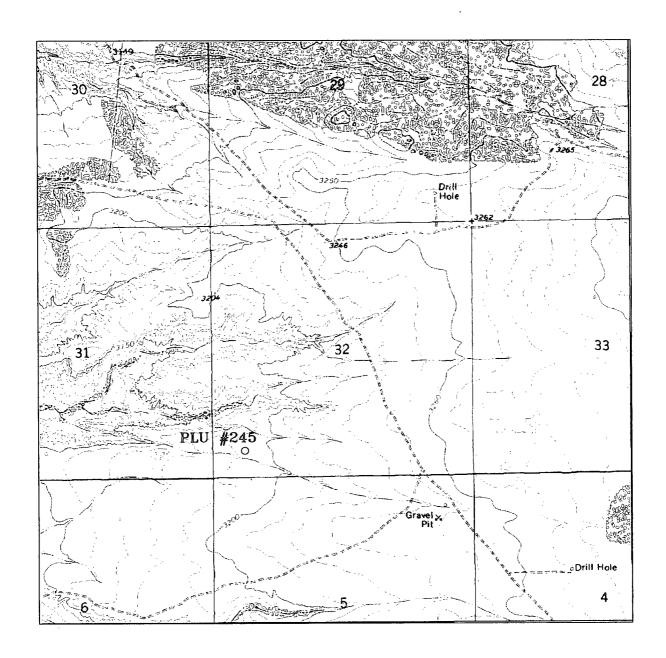
Date: 06-03-2005



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:	5392AA - KJG #7
Survey Date:	05-27-2005
Scale: 1" = 2	MILES

BASS ENTERPRISES PRODUCTION CO.



POKER LAKE UNIT #245 Located at 560' FSL 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:	5392AA – KJG #7
Survey Date:	05-27-2005
Scale: 1" = 2	000'
Date: 06-03	-2005

BASS ENTERPRISES PRODUCTION CO.

EIGHT POINT DRILLING PROGRAM BASS ENTERPRISES PRODUCTION CO.

NAME OF WELL: POKER LAKE UNIT #245

LEGAL DESCRIPTION - SURFACE: 560' FSL & 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 3212' (est)

GL 3192'

	ESTIMATED	ESTIMATED	
FORMATION	TOP FROM KB	SUBSEA TOP	BEARING
T/Salt	242'	+ 2,970'	Barren
B/Salt	3,327'	- 115'	Barren
T/Lamar	3,543'	- 331'	Barren
T/Ramsey	3,567'	- 355'	Oil/Gas
T/Lwr Brushy Canyon	7,117'	- 3,905'	Oil/Gas
T/"Y" Sand	7,227'	- 4,015'	Oil/Gas
T/Bone Springs Lime	7,397'	- 4,185'	Oil/Gas
TD .	7,750'	- 4,538'	

POINT 3: CASING PROGRAM

TYPE	<u>INTERVALS</u>	<u>PURPOSE</u>	CONDITION
16"	0' - 60'	Conductor	Contractor Discretion
11-3/4", 42#, WC-50, ST&C	0' – 240'	Surface	New
8-5/8", 32#, WC-50, LT&C	0' – 3,550'	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' – 7,750'	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' - 240'	FW Spud Mud	8.5 - 9.2	45-35	NC	NC	NC	10.0
240' 3550'	BW	10.0	28-30	NC	NC	NC	9.5-10.5
3550' 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' 7750'	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	PPG	FT ³ /SX
SURFACE: Circulate	cement to surface.					
Lead 0'-240' (100% excess)	350	240	Premium Plus+2% CaClz 1/ 4# Flocele	6.33	14.8	1.35
INTERMEDIATE: Lead 1000'-3050' (200% excess)	650	2050	Interfill C+0.3% Halad R-322	14.11	11.9	2.45
Tail 3050' – 3550 (200% excess)	300	500	Premium Plus+2% CaClz	6.33	14.8	1.35
PRODUCTION:						COMPRESSIVE
Lead 3100'-7750' (50% excess)	900	4650	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 3,567'-7,750'. 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

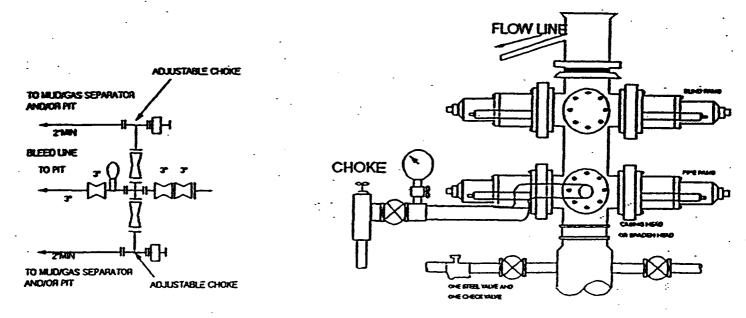
12 days drilling operations

14 days completion operations

GEG/cdg

June 16, 2005

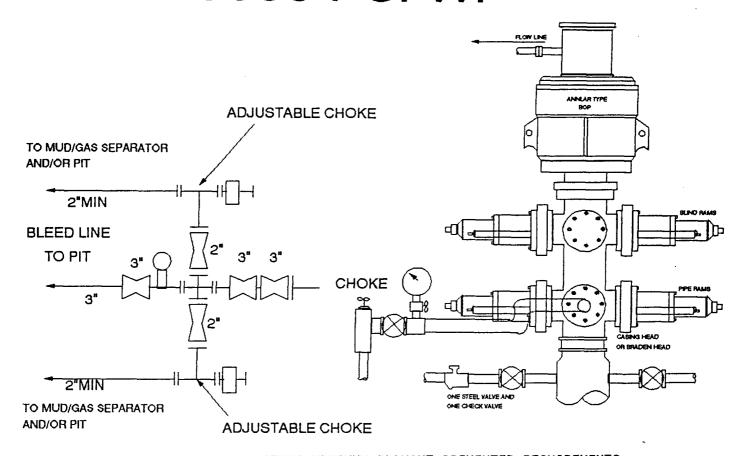
2000 PSI WP



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



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.
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