District I 1625 N. French Dr., Hobbs, NM 882 District II

1301 W. Grand Avenue, Artesia, NM District III

1000 Rio Brazos Road, Aztec, NM 8 District IV

CEMENT TO COVER ALL OIL, GAS AND WATER BEARING ZONES

ico **I** Resources

Form C-101 May 27, 2004

RECEIVED
Submit to appropriate District Office

ision s Dr.

JAN 1 4 2006

☐ AMENDED REPORT

INTERMEDIATE CASING

1220 S. St. Fr	rancis Dr., S	Santa Fe, NM	87505			Santa	Fe, N	M 875	05	00D-AF	TES	IA		
APP	LICAT	IONFO	R PERMIT	ΓTO D	RIL	[., RE-]	ENTE	ER, DI	EEPE	N, PLUGB	ACK	,OR AI	DD A ZON	E
Bass Enter	rprises Pr	oduction C	¹ OperatorNam O.	e and Addre	SS					001801		GRID Numl		
P. O. Box	2760 - M	lidland, Te	xas 79702							30- 0		API Numbe ろくんろ	55	
	ertyCode					Property l	Name		,			· · · · · · · · · · · · · · · · · · ·	ell No.	
19,	409			Basin 24	State	;		1				6		
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	т	· · · · · · · · · · · · · · · · · · ·			<u>'S</u>	urface	Locat							
UL of lot no.	Section 24	Township 23S	Range 29E	Lot I	dn	Feet fro 1750			Feet from the 1980	Ea Ea	ast/Westline St	County Eddy	'	
	_		⁸ Prop	osed Bott	om H	le Locat	tion If I	Differer	nt From	Surface			···	
UL or lot no.	Section	Township	Range	Lot I	dn	Feet fro	om the	North/S	outh line	Feet from the	Ea	ast/Westline	County	,
					ditic	nal We		<u>ormati</u>						
11 Work	Type Code	О	12 Well Type Co	ode	R	¹³ Cable	/Rotary		R	Lease Type Code		" Gr 3001'	ound Level Elevati	on
No 16 M	Aultiple	7400	17 Proposed De	pth	Dela		mation		Adobe	19 Contractor		06/	²⁰ Spud Date /15/2006	
Depth to Gro	undwater	3×0'	S4'	Distanc	efrom	nearestfres		vell 700'		Distance f	rom nea	rest surface	water Vone in area	
Pit: Liner	r: Synthetic	№ 12 mi		☐ Pit Vol	ume:1	500 _{bbls}			ngMethod	 i.		I	volle ili alea	
Close	ed-Loop Sys	tem 🗆 🦯	\					Fresh V	Vater X	Brine X Diese	:l/Ol-bas	sed 🗓 Gas	:/Air 🔲	
BGA	f	MB	2	1 Propos	sed C	asing a	nd Ce	ment	Progra	m				
Hole S	Size	Casi	ng Size	Casin	g weigh	t/foot	Setting Depth		Sacks of Cement		t	Estimated TO	С	
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11"		8-5/8"		32#		3230'		1200		Sur				
7-7/8"		5-1/2"	···	15.5# & 17#		7400'		750		310	3100'			
							,				· · · · · · · · · · · · · · · · · · ·			
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of my knowle	ertify that the edge and be according	lief. I further to NMOCD g	given above is to certify that the quidelines $[X]$, so oved plan \Box .	e drilling p	it will i	be □, or	Appro	oved by:	OIL C	CONSERV.	ATIO	NDIVI	SION	
Printed name	: Annett	e Childers	donnet	te Uhi	Odv	พ	Title:	~~~~		n 2006	Service (C			
Title:	Admin	istrative A	ssistant				Appro	val Date	上日	A 5000	Expira	ation Date:	FEB 2 0 2	2007
E-mail Addre	ess: machil	ders@bass	pet.com							NOTIFY	OCD	OF SPI	JD &	
Date: 01/	11/2006		Phone:	(432)683	-2277		Condi	tionsof A	pprov:	TIME TO CEMENT	riw (INESS		

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

No Cary L. AND

7977

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

						r'		G AMENDEL	, which	
			WELL LO	CATION	AND ACREA	AGE DEDICATI	ON PLAT			
API Number			i .	Pool Code		Pool Name				
Property	Code	T	1 4	7 545	Property Nam		elaware)/B	aware) Bone Spring (Avolor S		
Property	Coue			REMU	DA BASIN "2			6	umber	
OGRID N	lo.	<u> </u>			Operator Nan			Eleva	tion	
001801			BASS	ENTERP	RISES PROD	UCTION COMP	ANY	300	1'	
					Surface Loc	ation				
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
G	24	23 S	29 E	<u> </u>	1750	NORTH	1980	EAST	EDDY	
						erent From Sur		·		
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
Dedicated Acre	a Joint o	r Infill C	onsolidation	Code Or	der No.	<u> </u>	<u>L</u>		<u> </u>	
NO ALL	N OWABLE V	TILL BE A	SSIGNED	TO THIS	COMPLETION 1	UNTIL ALL INTE	RESTS HAVE BI	EEN CONSOLIDA	ATED	
						APPROVED BY				
	<u> </u>			T	4		OPERATO	OR CERTIFICAT	TON	
	}			1		* 3		y certify the the in		
	! !						contained herei	n is true and comple		
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	!						Signature	Ju 1/ U	ا کوال	
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	ì				1///	1980'	DIVISION Title	DRILLING SUPT	<u>r. </u>	
	i			LAT - N3 LØNG - V	2 17 34.67 V 103 56 09 7		12/1	2/05		
]				1		Date			
							SURVEYO	R CERTIFICAT	ION	
	1						I hereby certify	that the well locati	on shown	
	i			1	İ		on this plat we	is plotted from field made by me or	notes of	
	i				i	÷	supervison, an	d that the same is	true and	
	!					:	correct to the	e best of my belief	:	
	!							IBER 12, 2005	5	
L	<u> </u>		<u> </u>	L	_ _		Date Surveys	ARY L. JONES		
	161.37	cres	-		161.10 ac	res	Professional	EM-MAKON /		

SECTION 24, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M., NEW MEXICO. EDDY COUNTY,

> Remuda Basin To the Remuda Basin #5

150' NORTH OFF SET D 3000.2

BASS ENTERPRISES PROD. CO. REMUDA BASIN "24" STATE #6 ELEV. - 3001' 0

> Lat.-N 32°17'34.6" Long-W 103°56'09.7"

150' EAST

OFF SET 3003.5

150' SOUTH OFF SET 3001.6 ø

DIRECTIONS TO LOCATION:

FROM THE JUNCTION OF STATE HWY 128 AND CO. RD. 793, GO SOUTH FOR 3.1 MILES TO PROPOSED LEASE ROAD.

150' WEST OFF SET □

2999.5

100 100 200 FEET SCALE: 1" = 100'

BASS ENTERPRISES PRODUCTION CO.

REMUDA BASIN "24" STATE No. 6 / Well Pad Topo REMUDA BASIN "24" STATE No. 6 LOCATED 1750' FROM THE NORTH LINE AND 1980' FROM THE EAST LINE OF SECTION 24, TOWNSHIP 23 SOUTH, RANGE 29 EAST.

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

BASIN SURVEYS P.O. BOX 1786 -HOBBS, NEW MEXICO W.O. Number: 5950 Drawn By: K. GOAD

Date: 11-17-2005

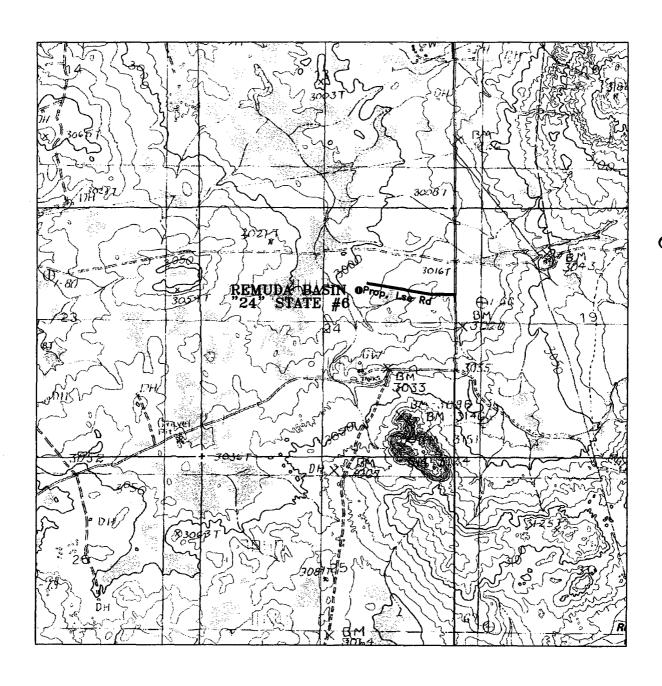
Disk: KJG CD#7 -

5950A.DWG

Survey Date: 11-12-2005

Sheet

Sheets



REMUDA BASIN "24" STATE #6
Located at 1750' FNL and 1980' FEL
Section 24, Township 23 South, Range 29 East,
N.M.P.M., Eddy County, New Mexico.

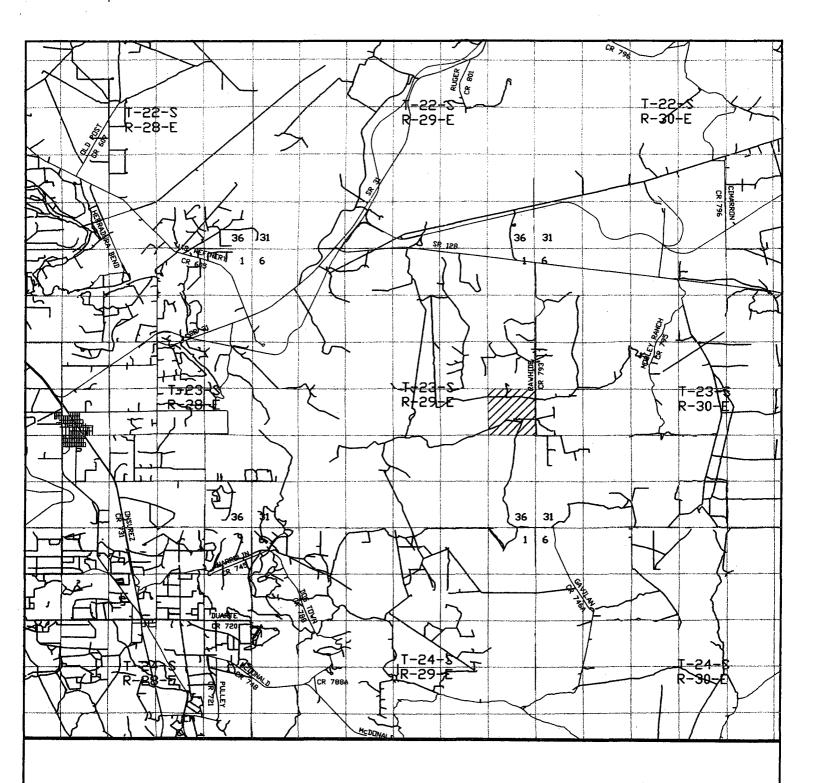


P.O. Box 1786 1120 N. West County Rd. Hobbs, New Mexico 88241 (505) 393-7316 - Office (505) 392-3074 - Fax basinsurveys.com W.O. Number: 5950AA - KJG #7

Survey Date: 11-12-2005

Scale: 1" = 2000'
Date: 11-17-2005

BASS ENTERPRISES PRODUCTION CO.



REMUDA BASIN "24" STATE #6
Located at 1750' FNL and 1980' FEL
Section 24, Township 23 South, Range 29 East,
N.M.P.M., Eddy County, New Mexico.

Date: 11-17-2005



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:	5950AA - KJG #7
Survey Date:	11-12-2005
Scale: 1" = 2	MILES

BASS ENTERPRISES PRODUCTION CO.

EIGHT POINT DRILLING PROGRAM BASS ENTERPRISES PRODUCTION CO.

NAME OF WELL: Remuda Basin 24 State #6

LEGAL DESCRIPTION - SURFACE: 1750' FNL & 1980' FEL, Section 24, T-23-S, R-29-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 3018' (est)

GL 3001'

	ESTIMATED	ESTIMATED	
FORMATION	TOP FROM KB	SUBSEA TOP	BEARING
T/Rustler	Not Present	Not Present	
B/Rustler	373'	+2645'	Barren
T/Salt	388'	+2630'	Barren
B/Salt	2993'	+ 25'	Barren
T/Lamar	3216'	- 198'	Barren
T/Ramsey	3246'	- 228'	Oil/Gas
T/Lwr Brushy Canyon	6678'	-3660'	Oil/Gas
T/"Y" Sand	6863'	-3845'	Oil/Gas
TD	7400'	-4382'	

POINT 3: CASING PROGRAM

TYPE	INTERVALS	PURPOSE	CONDITION
16"	0' - 60'	Conductor	Contractor Discretion
11-3/4", 42#, WC-50,ST&C	0' - 378'	Surface	New
8-5/8", 32#, WC-50, LT&C	0' - 3230'	Intermediate	New
5-1/2", 15.5#, K-55, LT&C	0' - 6000'	Production	New
5-1/2", 17#, K-55, LT&C	6000' - 7400'	Production	New

POINT 4: PRESSURE CONTROL EQUIPMENT (SEE ATTACHED DIAGRAM)

A BOPE consistent with API RP-53 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 tested to 3000 psig by independent tester. 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

DEPTH _	MUD TYPE _	WEIGHT	_FV_	PV_	<u>YP</u>	<u>FL</u>	<u>Ph</u>
0' - 380'	FW Spud Mud	8.5 - 9.2	45-35	NC	NC	NC	10.0
380' - 3230'	BW	10.0	28-30	NC	NC	NC	9.5-10.5
3230' - 6000'	FW	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	<100cc	9.5-10.5
6900' - 7400'	FW/ Starch	8.7 - 8.9	40-45	4	8	<25 cc	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 (+/- 2993'). GR-CNL from base of Salt to surface.

C) CONVENTIONAL CORING

None anticipated.

D) CEMENT

,		FT OF						
INTERVAL SURFACE:	AMOUNT SXS	FILL	TYPE	GALS/SX	PPG	FT ³ /SX		
Lead - 0 - 378' (100% excess) Circ cement to surfa	275 ce	378'	Premium Plus + 2% CaCl ₂ + 1/4# Flocele	6.33	14.8	1.35		
INTERMEDIATE: Lead - 0 - 2730' (200% excess) Circ cement to surfa	900 ce	2730'	Interfill C + 0.3% Halad R-322	14.11	11.9	2.45		
Tail - 2730 - 3230' (200% excess)	300	500'	Premium Plus + 2% CaCl ₂	6.37	14.8	1.35		
PRODUCTION: Lead - 2930 - 7400' (50% excess)	750	4470'	Premium Plus + 1% Zone Sealant 2000	6.32	11.9	1.65	COMPR Nitrogen 300/600 scf/bbl	RESSIVE: Strength 1200

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 3246 - 7400°. No H_sS 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

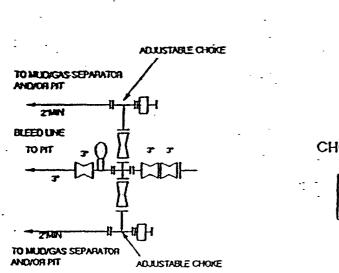
Upon approval

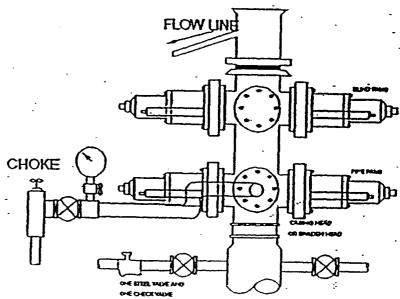
12 days drilling operations

14 days completion operations

LHS/mac January 10, 2006

2000 PSI WP

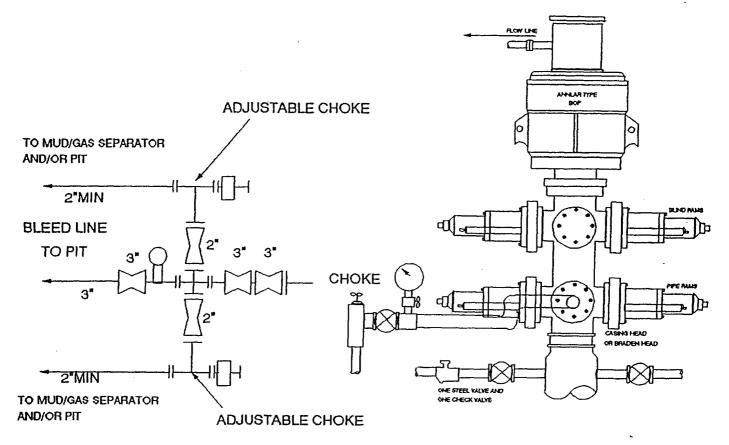




THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

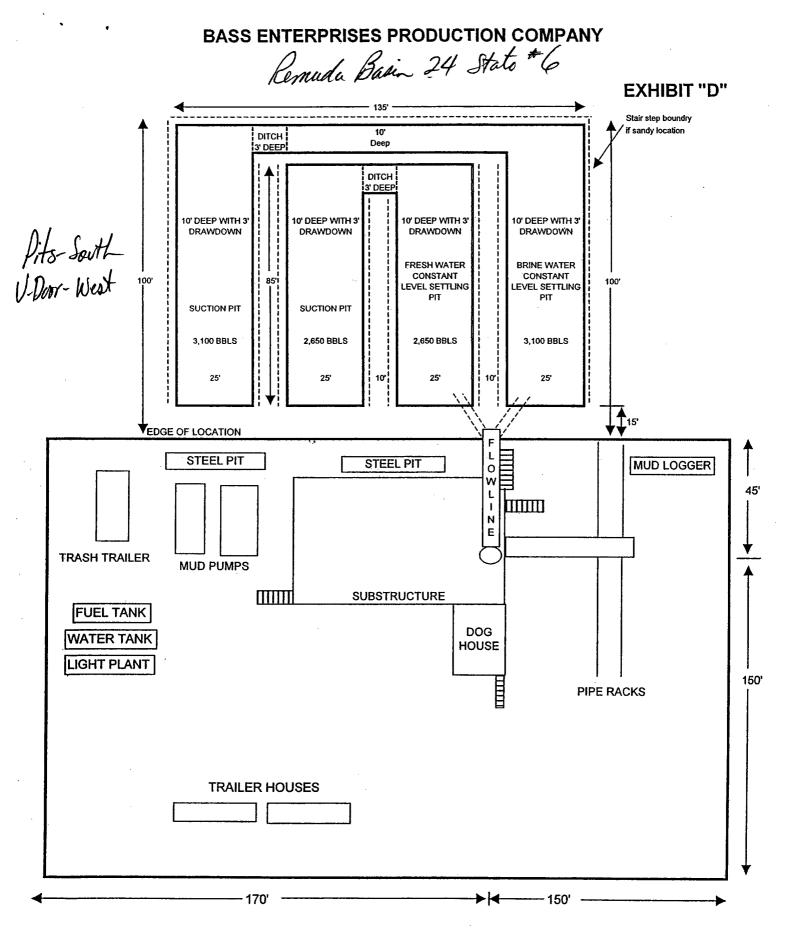
- A. One double gate blowout preventer with lower rams for pipe and upper rams blind, all hydraulically controlled.
- B. Opening on preventers between rams to be flanged, studded or clamped and at least two inches in diameter.
- C. All connections from operating manifold to preventers to be all steel 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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Mosaic Potash Carlsbad Inc. PO Box 71 1361 Potash Mines Road Carlsbad, NM 88220 www.mosaicco.com Tel 505-887-2871 Fax 505-887-0589

December 29, 2005

Mr. Brad Glasscock
Bass Enterprises Production Co.
201 Main Street
Fort Worth, TX 76102-3131
(817) 339-7185



Dear Mr. Glasscock:

We are in receipt of your request dated 12/20/2005 concerning 5 well locations in Section 24, T-23-S, R-29-E. Mosaic Potash Carlsbad Inc. does have a potash lease ¼ mile from the northwest corner of this section.

All locations requested (Remuda Basin 24 State #4 thru #8) are further than ¼ mile from our LMR. However, all but #7 are located in measured ore as delineated by the BLM. This ore is economically mineable but not currently in the mine plan, several oil wells have already been drilled in the area. Mosaic Potash does not object to drilling at these locations.

As more information becomes available, our estimates of the extent of potash resources in any given area may change. Therefore, please consider this "no objection" to this location to be valid for one year only. If you are still considering this well location at a date later than one year from today, notify us again at that time so we can make the decision on information current at that time. Do not consider a "no objection offered" or an "objection offered" decision to be permanent.

Mosaic Potash submits this letter in lieu of the forms requested.

Sincerely.

Dan Morehouse

Mine Engineering Superintendent

cc: Don Purvis Charlie High Joe Lara



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201 Main Street
Fort Worth, TX 76102-3131
(817) 339-7185

JAN 1 1 2006



Dear Mr. Glasscock:

We are in receipt of your request dated 12/20/2005 concerning 5 well locations in Section 24, T-23-S, R-29-E. Mosaic Potash Carlsbad Inc. does have a potash lease 1/4 mile from the northwest corner of this section.

All locations requested (Remuda Basin 24 State #4 thru #8) are further than ¼ mile from our LMR. However, all but #7 are located in measured ore as delineated by the BLM. This ore is economically mineable but not currently in the mine plan, several oil wells have already been drilled in the area. Mosaic Potash does not object to drilling at these locations.

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December 29, 2005

Mr. Brad Glasscock
Bass Enterprises Production Co.
201 Main Street
Fort Worth, TX 76102-3131
(817) 339-7185

RECEIVED

JAN 1 1 2006

OOD-MITERIA



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Dan Morehouse

Mine Engineering Superintendent

CC:

Don Purvis Charlie High

Joe Lara



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.
Director
Oil Conservation Division

January 6, 2006 New Mexico State Land Office 310 Old Santa Fe Trail Santa Fe, NM 87504-1148 Attn: Joe Mraz or To Whom It May Concern

RECEIVED

JAN 0 9 2006 OCU-MATERIA

RE: APPLICATION FOR PERMIT TO DRILL IN POTASH AREA

OPERATOR:

Bass Enterprises Production Company

LEASE NAME:

Remuda Basin '24'State # 6

LOCATION:

Sincerely,

SEC. 24, TOWNSHIP 23 SOUTH, RANGE 29 EAST,

1750' FNL & 1980' FEL

EDDY COUNTY, NM, NMPM

PROPOSED DEPTH: 7400'

Dear Joe or To Whom It May Concern,

The application for permit to drill identified above has been filed with this office of the New Mexico Oil Conservation Division. Pursuit to the provisions of Oil Conservation Division Order R-111-P, please advise this office whether or not this application is within an established Life-of Mine Reserve area filed with and approved by your office. If not, please advise whether it is within the buffer zone established by this order.

Thank you for your assistance.

Bryan G. Arrant PES, District II Artes	ia NMOCD	
In LMR In Buffer Zone	Yes Yes	$\frac{N_0 \times 1 - 6 - 0.6}{N_0 \times 870}$
Comments:		
Signatura	2 8	2 Potes 1/6/106



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

RE:

Mark E. Fesmire, P.E.
Director
Oil Conservation Division

January 6, 2006
Bureau of Land Management
620 East Green St.
Carlsbad, NM 88220
Attn: Craig Crantson or To Whom It May Concern

RECEIVED

JAN 1 0 2006

OPERATOR:

Bass Enterprises Production Company

APPLICATION FOR PERMIT TO DRILL IN POTASH AREA

しているこれの

LEASE NAME:

Remuda Basin '24'State # 6

LOCATION:

Sincerely,

SEC. 24, TOWNSHIP 23 SOUTH, RANGE 29 EAST,

1750' FNL & 1980' FEL

EDDY COUNTY, NM, NMPM

PROPOSED DEPTH: 7400'

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Thank you for your assistance.

Bryan G. Arrant PES, District II Artesia NMOCD

In LMR	Yes	No 🛠
In Buffer Zone	Yes	No_*
Comments:		