#### BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.

FORT WORTH, TEXAS 76102-3131 817/390-8400

2007 JAN 8 AM 8 59

January 5, 2007

#### **FEDERAL EXPRESS**

Bureau of Land Management Roswell District Office 2909 W. 2<sup>nd</sup> Street Roswell, New Mexico 88201 Attn: Ms. Alexis Swoboda New Mexico State Land Office Commissioner of Public Lands 310 Old Santa Fe Trail Santa Fe, New Mexico 87501 Attention: Mr. Pete Martinez New Mexico Oil Conservation Division 1220 St. Francis Santa Fe, New Mexico 87505 Attention: William Jones

Re:

Commercial Determination James Ranch Unit #11 Bone Spring Formation Eddy County, New Mexico

#### Gentlemen:

Please find attached hereto one (1) copy of Bass' commercial determination worksheets and exhibits which indicate that the subject well is a commercial well in the Bone Spring Formation. Please indicate your concurrence to the above Commercial Determination. Upon your execution hereof, Bass will submit a participating area for the well.

Thank you very much and should you have any questions or comments in regard to the attached commercial determination, please don't hesitate to contact the undersigned.

Forut KNz

Forest K. Naylor

Bureau of Land Management	New Mexico State Land Office	New Mexico Oil Conservation Division
Ву:	By:	Ву:
Its:	Its:	Its:
Date:	Date:	Date:

### WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

#### **WELL DATA**

WELL	JAMES RAI	NCH UNIT #11	-			_ FORMATION	l	BONE SPRING	·	
S. Location	E	UNIT, _	1980	_ FEET FROM	NORTH	LINE &	920	_ FEET FROM	WEST	LINE
BH. Location	F	UNIT,	1495	_ FEET FROM	NORTH	LINE &	1693	FEET FROM	WEST	LINE
SECTION	36	TOWNSHIP	22S	_ RANGE	30E	_ COUNTY		EDDY	STATE	NM
SPUD DATE	9/18/198	O COMPLETION	DATE	10/11	1/2003	_INITIAL PRO	DUCTION	10/12/2003		
PERFORATIONS	3	10,467'-78'	(11 holes),	10,494'-98' (	4 holes), 10	,508'-12' (4	holes), 10	0524'-34' (10 hole	s)	
STIMULATION:								·-	<u> </u>	
	ACID	5500 GAL 1	5% HCL a	icid, 60 SG ba	all sealers.	-			st	
	FRACTURE	NONE								
									·	W-W-
POTENTIAL	74 BO, 2 BV	W, 106 MCF (1	2/3/2003)							
(Attach Copy	C-105. )					•				
				VOLUME.	TRIC CALCU	JLATION				
· · · ·	70.0 to 100.000.						SANI	DS NOT PERFORATE	ED BUT	
			SA	NDS PERFORA	TED		PO	TENTIALLY PRODUC	CTIVE	
Area (A) proration	unit size, acres		4(	<u>o</u> .						_
Porosity (por), %		_	6.0%	<u>′</u>						<u></u>
Water Saturation	(Sw), %	_	28%	<u>,</u>				<del>.</del>		_
Net Thickness (h)	, ft.	_	30	<u> </u>		_				-
Temperature (T),	Fahrenheit	_	16	<u>5</u> _		_		_		_
Bottom Hole Pres	sure (P), psia	_	6,622			_		_		
Recovery Factor	(RF), %	_	60%	, 0		_		_		_
Recoverable Oil,	Bbls * (See eq. B	elow)	160,870	<u>)</u>		_		<u> </u>		_
								<del></del>		
*Sometimes unab	le to match perfo	rmance due to volu	ımetric uncer	tainty.						

Boi= 1.5

Formula = (7758) (A) (h) (1-\$W) (1/Boi) (RF)

#### PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.) CUMULATIVE PRODUCTION TO 4/30/2006 92,180 BBLS Oil 150,841 MCF Gas **PRODUCING** 72 BOPD INITIAL RATE (qi) 2 ECONOMIC LIMIT (ql) DECLINE RATE, de D= 90.8%, b=0.999 68,930 REMAINING OIL (Q)= **ULTIMATE RECOVERABLE OIL** 161,110 (Attach plat showing pro-ration unit and participating area.) **ECONOMIC WELL COST** \$635,500 (to the depth of formation completed) RECOMPLETION COST \$224,500 \$860,000 TOTAL COST **OPERATING COST** 10% NET BFIT (Includes Sev. Tax & DISCOUNTED YEAR GROSS OIL REVENUE Ad Val Tax) CASH FLOW

ZERO				
1	5.145	140.344	12.811	-734.725
2	37.617	1417.734	114.575	1195.070
3	37.238	1666.489	133.050	1282.674
4	23.097	1200.291	99.092	839.635
5	10.744	646.143	58.645	402.789
6	6.925	435.581	42.653	244.177
7	5.099	327.057	34.512	164.303
8	4.045	248.950	28.655	111.882
9	3.353	211.751	25.825	85.425
10	2.871	185.442	23.818	67.175
REMAINDER	24.978	1878.577	326.046	318.784
TOTAL	161.112	8358.359	899.682	3977.188

WELL IS COMMERCIAL

#### **ECONOMIC PROJECTION**

Date:

9/5/2006

1:51:42PM

Project Name: Partner: Case Type:

Archive Set:

Cum Oil (mbbls):

Cum Gas (mmcf):

PROPZONE Extract-Creating new PHDWi

All Cases

BUD07

GRAND TOTAL CASE

0.00 0.00 As Of Date: 10/01/2003

Discount Rate (%):10.00

Custom Selection

Lease Name: Grand Total Reserv Cat.: All All

Field: All Operator: All

Reservoir: All Co., State: All

Gross	Wet	Productio
01033	1101	1 loudette

Sales	
-------	--

	Sales			
Gas (MMCF)	NGL (MGal)			
3.916	0.000			
27.328	0.000			
23.537	77.824			
18.010	141.408			
14.297	112.255			
10.830	85.035			
8.683	68.173			
7.263	57.024			
6.243	49.015			
5.488	43.093			
51.659	445.957			
177.253	1,079.785			
ıe .				
NGL	Total			
(M\$)	(M\$)			
0.000	140.344			
0.000	1,417.734			
47.473	1,666.489			
86.259	1,200.291			
	646.143			
51.871	435.581			
41.586	327.057			
34.785	248.950			
40.000	211 761			
29.899	211.751			
29.899	185.442			
	3.916 27.328 23.537 18.010 14.297 10.830 8.683 7.263 6.243 5.488 51.659 177.253 10.000 0.000 0.000 47.473 86.259 68.476 51.871 41.586			

		Expenditures			Future Net Revenue					
Year	Total Sev Taxes (M\$)	Total Adv Taxes (M\$)	Net Investments (M\$)	Total Net Opcosts (M\$)	Annual (M\$)	Cumulative (M\$)	Disc. Ann. CF 10.00 % (M\$)	Cum. Disc. CF 10.00 % (M\$)		
2003	10.130	0.281	860.000	2.400	-732.467	-732.467	-734.725	-734.725		
2004	102.140	2.835	0.000	9.600	1,303.158	570.691	1,195.070	460.344		
2005	120.117	3.333	0.000	9.600	1,533.439	2,104.130	1,282.674	1,743.018		
2006	87.091	2.401	0.000	9.600	1,101.200	3,205.329	839.635	2,582.652		
2007	47.753	1.292	0.000	9.600	587.498	3,792.827	402.789	2,985.441		
2008	32.182	0.871	0.000	9.600	392.929	4,185.756	244.177	3,229.618		
2009	24.258	0.654	0.000	9.600	292.545	4,478.301	164.303	3,393.921		
2010	18.557	0.498	0.000	9.600	220.295	4,698.596	111.882	3,505.803		
2011	15.801	0.424	0.000	9.600	185.927	4,884.523	85.425	3,591.229		
2012	13.847	0.371	0.000	9.600	161.624	5,046.146	67.175	3,658.404		
Rem Total	140.662 612.539	3.758 16.717	0.000 860.000	181.626 270.426	1,552.749 6,598.895	1,552.749 6,598.895	318.784 3,977.188	318.784 3,977.188		

Well Count: Total Years: 1 28.17

ROl(disc): 5.62 ROI (undisc): 8.67

IRR %: 0.00 Present Worth Profile (M\$)

2.00%: 4.00%: 6.00%: 5,826.64 5,218.89 4,727.71

2,402.13 25.00%: 40.00%: 50.00%:

1,566.77 1,186.00

8.00%: 10.00%: 4,321.07 75.00%: 3,977.19 100.00%: 554.17 174.33 District 1
1625 N. French Dr., Hobbs, NM 88240
District II

1301 W. Grand Avenue, Artesia, NM 88210 District.III. 1000 Rio Brazos Rd., Aztec, NM 87410 District.IV.

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

AMENDED REPORT

1220 S. St. Princis	Dr., Sainta P						÷		ENDED K	EI OKI	
			WELL L	OCATIO	N AND AC	REAGE DED	ICATION PL	.AT			
API Number 'Pool Code							' Pool Na	me			
30-015-23377 40295 Los Medanos (Bone Spring)											
Property Code Property Name						•	' Well Number				
001786		James Ra	anch Unit					11		·	
' OGRID	No.				Operator 1	Name			Elevation		
001801		Bass Ent	erprises Pr	oduction (			-	3306'	3306' GL		
					10Surface	Location					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line		County	
E	36	22S	30E		1980'	North 920'		West	Eddy		
			<sup>11</sup> B	ottom H	ole Location	If Different Fr	om Surface				
UL or lot no.	Section	Township	Range				Feet from the	East/West line		County	
F	36	22S	30E		1495'	North	1693'	West	Eddy		
" Dedicated Acres	Joint of	Infill "	Consolidation (	Code " O	rder No.						
320	1										

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 that the information contained herein i true and complete to the best of my knowledge and 1445 1980 belief. Tami Wilber 1693 JRU#11 Production Clerk BHL tlwilber@basspet.com 920 Title and E-mail Address JRU#1 01/20/2004 18 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 supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Scal of Professional Surveyor: Certificate Number

Fee Lease - 5 copies	ate District Office			State of New				Form			
District I	ξy, i	y, Minerals and Natural Resources				nt Mo		Revised June			
1625 N. French Dr.,	Hobbs, NM 88240	_				WELL A	-				
District II 1301 W. Grand Aver	nue, Artesia, NM 88210		` Oi	l Conservation		30-015-23377  5. Indicate Type of Lease					
District III			12	20 South St. F	Francis I	Or.		STATE X FEE			
1000 Rio Brazos Rd. District IV				Santa Fe, NM	1 87505		State Oil	& Gas Le	ase No.	. <b>5</b> 220	
	Or., Santa Fe, NM 8750:		MD I	ETION REPO	DT AND	LOG	_			-5229	
la. Type of Well:		OK KECC	IATL T	ETION REFU	KI AINL	LUG	7. Lease Nau	ne or Unit A	(greement	Name	
OIL WE		LL 🔲 DR	Υ□	OTHER			James Ra				
b. Type of Comp											
NEW 🗆				DIFF.	IED						
WELL 2. Name of Operat	OVER	BA	CK	RESVR. □ OTI	HEK		8. Well No.		···		
•	ses Production	Co.					11				
3. Address of Oper							9. Pool name	or Wildest			
•		70700					Los Meda			٠.١	
P. O. Box 2/6	0 Midland, TX	79702				· · · · · · · · · · · · · · · · · · ·	LUS IVIEUA	105 (001	ie obi ing	<u> </u>	
	- 40	001	,	N m = 4 b		•	200		3.8		
Unit Letter	E : 19	BU Feet F	rom The_	NOI (III	Li	ne and 9	20'	Feet From	The	Vest	
Section	36		hip 228	3	Range	30E	NMPM Edo	dy N	ew Mexi	ico	
10. Date Spudded	11. Date T.D. Res	sched 12.	Date Co	mpl. (Ready to Prod.	) 13	. Elevations (	DF& RKB, RT, C		14. Elev	v. Casinghead	
10/07/2003 15. Total Depth	10/11/2003 16. Plug B		/11/200	U3 Multiple Compl. Ho		06 GL 18. Interv	als Rotary Too	le	Cakta	: Tools	
• •	_	IVN I.D.	Zo	ones? Single	** 141 <b>9</b> 01A	Drilled By	/ I	ıo	Cabic	. 10013	
14,600'	10,660	1		Single			Yes	20 111 -			
19. Producing Into 10.467-478' 1	erval(s), of this comp	setion - Top, B 508-12' 10	oπom, Na ) 524-5	ame 34' Bone Sprin	a			20. Was I	лгеctional :	Survey Made	
	and Other Logs Run		,04-7-0	o i pone opini	3		22. Was W			····	
N/A				<del>,</del>			No				
23.			<u>C</u> A	SING RECO			trings set in	well)			
CASING SIZ		IT LB./FT.		DEPTH SET	H	OLE SIZE	CEMENTI	NG RÉCOR		AMOUNT PU	
16" 10-3/4"	65/84 40.5		450' 3839'		20" 14-3/4"		750 sx		0		
7-5/8"	29.7/33.7	,	1193		9-7/8"		2300 sx 1040 sx	·····	0		
1 0/0	20.1700.1		1		0 170		1070 02			***	
			<del> </del>								
									DECORE		
24.			LIN	ER RECORD			25.	TUBING		)	
SIZE	TOP	воттом	LIN	SACKS CEMENT		N	SIZE	DEPTI	1 SET	PACKER:	
SIZE 5"	10,795'	13,881'	LIN	SACKS CEMENT 350 SX	Unk	N			1 SET		
SIZE 5" 2-7/8"	10,795' 13,515'	13,881' 14,599'	LIN	SACKS CEMENT	Unk Unk		SIZE 2-7/8"	DEPT) 4030	H SET	PACKER 4030'	
SIZE 5" 2-7/8" 26. Perforation r 10,524'-34', 1	10,795' 13,515' record (interval, size 10', 10 holes	13,881' 14,599'	LIN	SACKS CEMENT 350 SX	Unk Unk 27. AC		SIZE 2-7/8" FRACTURE, (	DEPT) 4030	H SET SQUEEZI	PACKER 4030' E, ETC.	
SIZE 5" 2-7/8" 26. Perforation r 10,524'-34', 1 10,494'-98',	10,795' 13,515' record (interval, size, 10', 10 holes 4', 4 holes	13,881' 14,599'	LIN	SACKS CEMENT 350 SX	Unk Unk 27. AC DEPTH	CID, SHOT,	SIZE 2-7/8"  FRACTURE, (  AMOUNT	4030 EMENT,	SQUEEZI	PACKER 4030' E, ETC.	
SIZE 5" 2-7/8" 26. Perforation r 10,524'-34', 1 10,494'-98', 10,508'-12',	10,795' 13,515' record (interval, size, 10', 10 holes 4', 4 holes 4', 4 holes	13,881' 14,599'	LIN	SACKS CEMENT 350 SX	Unk Unk 27. AC DEPTH	CID, SHOT,	SIZE 2-7/8"  FRACTURE, ( AMOUNT 4" preda	DEPTY 4030 EMENT, S	SQUEEZI MATERIA I SPF	PACKER 4030'	
SIZE 5" 2-7/8" 26. Perforation r 10,524'-34', 1 10,494'-98',	10,795' 13,515' record (interval, size, 10', 10 holes 4', 4 holes 4', 4 holes	13,881' 14,599'	LIN	SACKS CEMENT 350 SX 180 SX	Unk Unk 27. AC DEPTH 10,46	CID, SHOT, INTERVAL 7-10,534'	SIZE 2-7/8"  FRACTURE, ( AMOUNT 4" preda	DEPTH 4030 AND KIND tor gun,	SQUEEZI MATERIA I SPF	PACKER 4030'	
SIZE 5" 2-7/8" 26. Perforation 1 10,524'-34', 1 10,494'-98', 1 10,508'-12', 1 10,467'-78', 1	10,795' 13,515' record (interval, size, 10', 10 holes 4', 4 holes 4', 4 holes 11', 4 holes	13,881' 14,599' and number)		SACKS CEMENT 350 SX 180 SX	Unk Unk 27. AC DEPTH 10,467	CID, SHOT, INTERVAL 7-10,534'	FRACTURE, ( AMOUNT 4" preda 0 degree	DEPTI 4030 A030 CEMENT, AND KIND tor gun, phasing	SQUEEZI MATERIA 1 SPF	PACKER 4030' E, ETC.	
SIZE 5" 2-7/8" 26. Perforation r 10,524'-34', 1 10,494'-98', 10,508'-12', 10,467'-78', 1 28 Date First Product	10,795' 13,515' record (interval, size, 10', 10 holes 4', 4 holes 4', 4 holes 11', 4 holes	13,881' 14,599' and number)	ethod (Flo	SACKS CEMENT 350 SX 180 SX PR owing, gas lift, pump	Unk Unk 27. AC DEPTH 10,46	CID, SHOT, INTERVAL 7-10,534'	FRACTURE, ( AMOUNT 4" preda 0 degree	DEPTI 4030 LEMENT, AND KIND tor gun, e phasing	SQUEEZI MATERIA 1 SPF	PACKER 4030'	
SIZE 5" 2-7/8" 26. Perforation r 10,524'-34', 1 10,494'-98', 10,508'-12', 10,467'-78', 1 28 Date First Product 10/12/2003	10,795' 13,515' record (interval, size, 10', 10 holes 4', 4 holes 4', 4 holes 11', 4 holes	13,881' 14,599' and number) Production Me	sthod <i>(Fla</i>	SACKS CEMENT 350 SX 180 SX PR owing, gas lift, pump an 640-365-166	Unk Unk 27. AC DEPTH 10,463	CID, SHOT, INTERVAL 7-10,534'  TION INTERVAL 7-10,534'	FRACTURE, C AMOUNT 4" preda 0 degree	DEPTI 4030 LEMENT, AND KIND tor gun, e phasing	SQUEEZI MATERIA 1 SPF	PACKER 4030' E, ETC.	
SIZE 5" 2-7/8" 26. Perforation r 10,524'-34', 1 10,494'-98', 10,508'-12', 10,467'-78', 1 28 Date First Product 10/12/2003 Date of Test	10,795' 13,515' record (interval, size, 10', 10 holes 4', 4 holes 4', 4 holes 11', 4 holes ion Hours Tested	13,881' 14,599' and number)  Production Me Pumping, A	sthod <i>(Fla</i>	SACKS CEMENT 350 SX 180 SX PR pwing, gas lift, pump an 640-365-166 Prod'n For	Unk Unk 27. AC DEPTH 10,463  ODUC' ting - Size at B PU Oil - Bb	CID, SHOT, INTERVAL 7-10,534'  TION INTERVAL 7-10,534'	FRACTURE, C AMOUNT 4" preda 0 degree  Well Stat Produ  Gas - MCF	DEPTI 4030 LEMENT, AND KIND tor gun, e phasing	SQUEEZI MATERIA I SPF	PACKER 4030' E, ETC. AL USED	
SIZE 5" 2-7/8" 26. Perforation r 10,524'-34', 1 10,494'-98', 10,508'-12', 10,467'-78', 1 28 Date First Product 10/12/2003	10,795' 13,515' record (interval, size, 10', 10 holes 4', 4 holes 4', 4 holes 11', 4 holes	13,881' 14,599' and number) Production Me	sthod <i>(Fla</i>	SACKS CEMENT 350 SX 180 SX PR owing, gas lift, pump an 640-365-166	Unk Unk 27. AC DEPTH 10,463	CID, SHOT, INTERVAL 7-10,534'  TION INTERVAL 7-10,534'	FRACTURE, C AMOUNT 4" preda 0 degree	DEPTH 4030  4030  CEMENT, AND KIND tor gun, Phasing us (Prod. or cing	SQUEEZI MATERIA I SPF	PACKER 4030'	
SIZE 5" 2-7/8" 26. Perforation r 10,524'-34', 1 10,494'-98', 10,508'-12', 10,467'-78', 1  28 Date First Product 10/12/2003 Date of Test 12/03/2003 Flow Tubing	10,795' 13,515' record (interval, size, 10', 10 holes 4', 4 holes 4', 4 holes 11', 4 holes ion Hours Tested	13,881' 14,599' and number)  Production Me Pumping, A Choke Siz 35/64" Calculated	ethod (Flo	SACKS CEMENT 350 SX 180 SX PR pwing, gas lift, pump an 640-365-166 Prod'n For	Unk Unk 27. AC DEPTH 10,467  ODUC' sing - Size as B PU Oil - Bb 74	CID, SHOT, INTERVAL 7-10,534'  TION INTERVAL 7-10,534'	FRACTURE, C AMOUNT 4" preda 0 degree  Well Stat Produ  Gas - MCF	DEPTH 4030  CEMENT, AND KIND tor gun, phasing  ws (Prod. or cing  Water 2	SQUEEZI MATERL/ 1 SPF Shut-in)	PACKER 4030' E, ETC. AL USED	
SIZE 5" 2-7/8" 26. Perforation r 10,524'-34', 1 10,494'-98', 10,508'-12', 1 10,467'-78', 1  28 Date First Product 10/12/2003 Date of Test 12/03/2003 Flow Tubing Press.	10,795' 13,515' record (interval, size, 10', 10 holes, 4', 4 holes, 11', 4 holes, 11', 4 holes  Hours Tested, 24 hours  Casing Pressure	13,881' 14,599' and number)  Production Me Pumping, A Choke Siz 35/64"	ethod (Flo	SACKS CEMENT 350 SX 180 SX PR  Proving, gas lift, pump an 640-365-166 Prod'n For Test Period Oil - Bbl.	Unk Unk 27. AC DEPTH 10,467  ODUC' sing - Stze as B PU Oil - Bb 74  Gas	CID, SHOT, INTERVAL 7-10,534'  TION Ind type pump	FRACTURE, C AMOUNT 4" preda 0 degree  Well Stat Produ  Gas - MCF 106 Water - Bbl.	DEPTH 4030  CEMENT, AND KIND tor gun, phasing  ws (Prod. or cing  Water 2	SQUEEZI MATERL/ 1 SPF Shut-in)	PACKER 4030' E, ETC. AL USED  Gas - Oil I 1400	
SIZE 5" 2-7/8" 26. Perforation r 10,524'-34', 1 10,494'-98', 10,508'-12', 1 10,467'-78', 1  28 Date First Product 10/12/2003 Date of Test 12/03/2003 Flow Tubing Press. 52	10,795' 13,515' record (interval, size, 10', 10 holes 4', 4 holes 4', 4 holes 11', 4 holes ion  Hours Tested 24 hours Casing Pressure	Production Me Pumping, Choke Siz 35/64" Calculated Hour Rate	ethod (Fle Americ e	SACKS CEMENT 350 SX 180 SX PR  Proving, gas lift, pump an 640-365-160 Prod'n For Test Period	Unk Unk 27. AC DEPTH 10,467  ODUC' sing - Size as B PU Oil - Bb 74	CID, SHOT, INTERVAL 7-10,534'  TION Ind type pump	FRACTURE, ( AMOUNT 4" preda 0 degree  Well Stat Produ  Gas - MCF	DEPTH 4030  CEMENT, AND KIND tor gun, phasing  ws (Prod. or cing  Water 2	SQUEEZI MATERL/ 1 SPF Shut-in) - Bbl.	PACKER 4030' E, ETC. AL USED  Gas - Oil I 1400	
SIZE 5" 2-7/8" 26. Perforation r 10,524'-34', 1 10,494'-98', 10,508'-12', 1 10,467'-78', 1 28 Date First Product 10/12/2003 Date of Test 12/03/2003 Flow Tubing Press. 52 29. Disposition of	10,795' 13,515' record (interval, size, 10', 10 holes, 4', 4 holes, 11', 4 holes, 11', 4 holes  Hours Tested, 24 hours  Casing Pressure	Production Me Pumping, Choke Siz 35/64" Calculated Hour Rate	ethod (Fle Americ e	SACKS CEMENT 350 SX 180 SX PR  Proving, gas lift, pump an 640-365-166 Prod'n For Test Period Oil - Bbl.	Unk Unk 27. AC DEPTH 10,467  ODUC' sing - Stze as B PU Oil - Bb 74  Gas	CID, SHOT, INTERVAL 7-10,534'  TION Ind type pump	FRACTURE, C AMOUNT 4" preda 0 degree  Well Stat Produ  Gas - MCF 106 Water - Bbl.	DEPTH 4030  CEMENT, AND KIND tor gun, phasing  ws (Prod. or cing  Water 2	SQUEEZI MATERL/ 1 SPF Shut-in)	PACKER 4030' E, ETC. AL USED  Gas - Oil 1 1400	
SIZE 5" 2-7/8" 26. Perforation r 10,524'-34', 1 10,494'-98', 10,508'-12', 1 10,467'-78', 1 28 Date First Product 10/12/2003 Date of Test 12/03/2003 Flow Tubing Press. 52	10,795' 13,515' record (interval, size, 10', 10 holes 4', 4 holes 11', 4 holes 11', 4 holes  Hours Tested 24 hours  Casing Pressure 0  Gas (Sold, used for )	Production Me Pumping, Choke Siz 35/64" Calculated Hour Rate	ethod (Fle Americ e	SACKS CEMENT 350 SX 180 SX PR  Proving, gas lift, pump an 640-365-166 Prod'n For Test Period Oil - Bbl.	Unk Unk 27. AC DEPTH 10,467  ODUC' sing - Stze as B PU Oil - Bb 74  Gas	CID, SHOT, INTERVAL 7-10,534'  TION Ind type pump	FRACTURE, C AMOUNT 4" preda 0 degree  Well Stat Produ  Gas - MCF 106 Water - Bbl.	DEPTH 4030  CEMENT, AND KIND tor gun, phasing  ws (Prod. or cing  Water 2	SQUEEZI MATERL/ 1 SPF Shut-in) - Bbl.	PACKER 4030' E, ETC. AL USED  Gas - Oil 1 1400	
SIZE 5" 2-7/8" 26. Perforation r 10,524'-34', 1 10,494'-98', 10,508'-12', 10,467'-78', 1  28 Date First Product 10/12/2003 Date of Test 12/03/2003 Flow Tubing Press. 52 29. Disposition of Sold 30. List Attachmer C-102, C-104	10,795' 13,515' record (interval, size, 10', 10 holes 4', 4 holes 4', 4 holes 11', 4 holes  Hours Tested 24 hours Casing Pressure 0 Gas (Sold, used for onts	Production Me Pumping, A Choke Siz 35/64" Calculated Hour Rate	ethod (Flo	SACKS CEMENT 350 SX 180 SX PR Owing, gas lift, pump an 640-365-160 Prod'n For Test Period Oil - Bbl. 74	Unk Unk 27. AC DEPTH 10,467  ODUC' ing - Size a B PU Oil - Bb 74  Gas 10	CID, SHOT, INTERVAL 7-10,534'  TION Ind type pump  - MCF	FRACTURE, C AMOUNT 4" preda 0 degree  Well Stat Produ  Gas - MCF 106 Water - Bbl. 2	DEPTH 4030  4030  CEMENT, AND KIND tor gun, Phasing  Water 2  Oi  Test Witr	SQUEEZI MATERIA Shut-in) Bbl.	Gas - Oil 1	
SIZE 5" 2-7/8" 26. Perforation r 10,524'-34', 1 10,494'-98', 10,508'-12', 10,467'-78', 1  28 Date First Product 10/12/2003 Date of Test 12/03/2003 Flow Tubing Press. 52 29. Disposition of Sold 30. List Attachmer C-102, C-104	10,795' 13,515' record (interval, size, 10', 10 holes 4', 4 holes 4', 4 holes 11', 4 holes  Hours Tested 24 hours Casing Pressure 0 Gas (Sold, used for onts	Production Me Pumping, A Choke Siz 35/64" Calculated Hour Rate	ethod (Flo	SACKS CEMENT 350 SX 180 SX PR  Proving, gas lift, pump an 640-365-166 Prod'n For Test Period Oil - Bbl.	Unk Unk 27. AC DEPTH 10,467  ODUC' ing - Size a B PU Oil - Bb 74  Gas 10	CID, SHOT, INTERVAL 7-10,534'  TION Ind type pump  - MCF	FRACTURE, C AMOUNT 4" preda 0 degree  Well Stat Produ  Gas - MCF 106 Water - Bbl. 2	DEPTH 4030  4030  CEMENT, AND KIND tor gun, Phasing  Water 2  Oi  Test Witr	SQUEEZI MATERIA Shut-in) Bbl.	Gas - Oil 1 1400 API - (Corr.)	
SIZE 5" 2-7/8" 26. Perforation 10,524'-34', 11,494'-98', 10,508'-12', 10,467'-78', 128 Date First Product 10/12/2003 Date of Test 12/03/2003 Flow Tubing Press. 52 29. Disposition of Sold 30. List Attachmer C-102, C-104 31. I hereby certification of the second sold sold in the second sold sold in the second sold in the second sold in the second sold in	10,795' 13,515' record (interval, size, 10', 10 holes 4', 4 holes 4', 4 holes 11', 4 holes  Hours Tested 24 hours Casing Pressure 0 Gas (Sold, used for onts	Production Me Pumping, A Choke Siz 35/64" Calculated Hour Rate	athod (Flee	SACKS CEMENT 350 SX 180 SX PR Owing, gas lift, pump an 640-365-160 Prod'n For Test Period Oil - Bbl. 74	Unk Unk 27. AC DEPTH 10,467  ODUC' ing - Size a B PU Oil - Bb 74  Gas 10	CID, SHOT, INTERVAL 7-10,534'  TION Ind type pump  - MCF	FRACTURE, C AMOUNT 4" preda 0 degree  Well Stat Produ  Gas - MCF 106 Water - Bbl. 2	DEPTH 4030  4030  CEMENT, AND KIND tor gun, Phasing  Water 2  Oi  Test Witr	SQUEEZI MATERIA Shut-in) Bbl.	Gas - Oil 1 1400 API - (Corr.)	

#### **INSTRUCTIONS**

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southea	stern New Mexico	Northwe	estern New Mexico
T. Anhy 277'	T. Canyon	T. Ojo Alamo	T. Penn "B"
T. Salt	T. Strawn 12,540'	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt3,551'	T. Atoka 12,835'	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	Т.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T.Tubb	T. Delaware Sand 3,842'	T.Todilto	T.
T. Drinkard	T. Bone Springs 7,665'	T. Entrada	T.
T. Abo	Т. Моггом	T. Wingate	Т.
T. Wolfcamp 10,936'	T.	T. Chinle	T.
T. Penn 12,343'	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	То	Thickness In Feet	Lithology		From	То	Thickness In Feet	Lithology
					·			
							·	
				1				

1000 100 100 10 ♦ Yield (bbl/Mcf)♦ GOR (scf/bbl) 10 County, State: EDDY, NM Reservoir: BONE SPRING CONTROL: 0833102 Gas Rem: 433.97 MMcf Gas EUR: 433.97 MMcf Proj Gas Cum: 0.00 MMcf 1000 47 39 35 ECL: 12/ 1/2031 Gas ō 31 27 23 9 Oper: BEPCO FIELD ONLY: LOS MEDANOS Proj Oil Cum: 0.00 Mbbl Oil Rem: 161.11 Mbbl <del>৫</del>০১ Water (bbl/day) O
Gas (Mcf/day) O
Oil (bbl/day) 0001 0001 01 001 001 01

PROPERTY: JAMES RANCH UNIT #11

Oil EUR: 161.11 Mbbl

#### BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.

#### FORT WORTH, TEXAS 76102-3131 817/390-8400

2007 JAN 8 AM 9 00

January 5, 2007

#### **FEDERAL EXPRESS**

Bureau of Land Management Roswell District Office 2909 W. 2<sup>nd</sup> Street Roswell, New Mexico 88201 Attn: Ms. Alexis Swoboda New Mexico State Land Office Commissioner of Public Lands 310 Old Santa Fe Trail Santa Fe, New Mexico 87501 Attention: Mr. Pete Martinez

Re:

New Mexico Oil Conservation Division 1220 St. Francis Santa Fe, New Mexico 87505 Attention: William Jones

Gentlemen:

Please find attached hereto one (1) copy of Bass' commercial determination worksheets and exhibits which indicate that the subject well is a commercial well in the Wolfcamp Formation. Please indicate your concurrence to the above Commercial Determination. Upon your execution hereof, Bass will submit a participating area for the well.

Commercial Determination James Ranch Unit #80 Wolfcamp Formation Eddy County, New Mexico

Thank you very much and should you have any questions or comments in regard to the attached commercial determination, please don't hesitate to contact the undersigned.

Sincerely,

Forest K. Navlor

fout KNyl\_

Bureau of Land Management	New Mexico State Land Office	New Mexico Oil Conservation Division
Ву:	By:	By:
Its:	Its:	Its:
Date:	Date:	Date:

# WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

#### **WELL DATA**

WELL James R	tanch Unit #80	FORMATION	Wolfcamp
LOCATION B UNIT,	330 FEET FROM North	INE &1500	FEET FROM <u>East</u> LINE
SECTION 36 TOWNSHIP 225	RANGE31ECOUNTY_	Eddy	, NEW MEXICO
SPUD DATE 7/29/2003 COM	PLETION DATE 9/14/2003	INITIAL PRODUCTION	8/21/2004 9/14/2003
PERFORATIONS11,096-11,111		· · · · · · · · · · · · · · · · · · ·	
STIMULATION:			
ACID			
FRACTURE Frac w	v/ 48220 gals Medallion 3000 + 116,995# C	Ottawa+ 41,869# 20/40 Ver	sa Prop
POTENTIAL (9/20/2003): 151 BO (Attach Copy of C-105. Attach Copy of Wellbore S			
	VOLUMETRIC CALCULA	TION	
	SANDS PERFORATED		OT PERFORATED BUT NALLY PRODUCTIVE
Area (A) proration unit size, acres	40		- 0
Porosity (Φ), %	10%		· · ·
Water saturation (Sw), %	45%		
Net Thickness (H), ft.	24		·
Temperature (T), Fahrenheit	120	<u></u>	
Bottom Hole pressure (P), psia	3,150		
Recovery factor (RF), %	15%		-
Recoverable Oil, Bbls *(See eq. below)	40,962		
*Sometimes unable to match performance due to	volumetric uncertainty.		
Formula = (7758) (A) (H) (Φ) (1-Sw) (1/Bo) (R	F)	Bo = 1.50	

#### Continued

#### PERFORMANCE DATA

(If sufficient history exists, atta	ach plot of oil production ra	ate v time.)			
CUMULATIVE PRODUCTION	N TO <u>5/31/3</u>	2006 21,503	Bbls Oil43,380N	MCF Gas	
NITIAL RATE (qi)	-		150		
ECONOMIC LIMIT (ql)	_	·	3		
HYPERBOLIC DECLINE RAT	ΓΕ, dy	n = .9,	d = 42.5%/yr		
REMAINING OIL (Q) =	-		20,947		
ULTIMATE RECOVERABLE	OIL (BO)		42,450		
(Attach plat showing proration	unit and participating are	a.)			
		ECC	ONOMIC		
GROSS WELL COST	\$1,279,900 (to the dept	of formation complete	ed)		
RECOMPLETION COST					
GROSS TOTAL COST	\$1,279,900				
<u>YEAR</u>	GROSS OIL MBBLS	BFIT NET INCOME (\$M)	OPERATING COST (\$M) INCL SEV & AD VAL TAX	10% NET BFIT DISCOUNTED CASH FLOW	
ZERO					
1	4.084	121.339	13.338	-1174.163	
2	8.907	391.980	42.203	321.635	
3	6.394	342.522	38.646	252,493	
4	4.854	285.157	34.354	188.530	
5	3.746	216.744	29.272	127.337	e s
6	2.838	162.756	25.185	84.797	
7	2.139	117.429	21.821	43.317	
8	1.617	81.458	19.158	31.425	
9	1.222	60.722	17.620	19.677	
10	0.926	45.469	16.492	11.973	
REMAINDER	1.542	74.522	41.778	11.622	
TOTAL	38.269	1900.098	299.867	-71.356	

WELL IS NOT COMMERCIAL

#### **ECONOMIC PROJECTION**

Date:

9/5/2006

Lior: 1000415

11:27:06AM

Project Name : Partner:

PROPZONE Extract-Creating new PHDWi

As Of Date: 09/01/2003 Discount Rate (%):10.00

Lease Name: 1000415/JAMES RANCH UNIT/WOL

All Cases LEASE CASE Case Type:

Custom Selection

Reserv Cat.: Proved Producing
Field: LOS MEDANOS (WOLFCAMP)
Operator: BEPCO

Archive Set: BUD07

Cum Oil (mbbls): 0.00 Cum Gas (mmcf): 0.00 Reservoir: WOLFCAMP Co., State: EDDY, NM

	Gross Wet Production		Gross Dry Gas	& NGL		Sales	
Year	Oil (Mbbl)	Wet Gas (MMCF)	Dry Gas (MMCF)	NGL (MGal)	Oil (Mbbl)	Gas (MMCF)	NGL (MGal)
2003	4.084	6.051	3.390	0.000	3.533	2.932	0.000
2004	8.907	18.687	10.468	0.000	7.705	9.055	0.000
2005	6.394	14.801	8.292	22.813	5.531	7.172	19.733
2006	4.854	8.051	4.510	39.773	4.199	3.901	34.403
2007	3.746	5.012	2.808	24.760	3.240	2.429	21.417
2008	2.838	3.169	1.775	15.655	2.455	1.536	13.541
2009	2.139	1.992	1.116	9.843	1.850	0.965	8.514
2010	1.617	1.257	0.704	6.210	1.398	0.609	5.371
2011	1.222	0.793	0.444	3.918	1.057	0.384	3.389
2012	0.926	0,501	0.281	2.477	0.801	0.243	2.143
Rem	1,542	0.616	0.345	2.631	1.334	0.298	2.631
Γotal	38.269	60.931	34.134	128.489	33.102	29.525	111.143
Jlt.	38.269	60.931					
	55.257	Average Price			Net Reve	nue	
Year	Oil	Gas	NGL	Oil	Gas	NGL	Total
	\$/BBL	\$/MCF	\$/Gal	(M\$)	(M\$)	(M\$)	(M\$)
2003	31.29	3.69	0.00	110.530	10.809	0.000	121.339
2004	44.86	5.12	0.00	345.611	46.369	0.000	391.980
2005	52.84	5.33	0.61	292.237	38.248	12.037	342.522
2006	58.42	4.84	0.61	245.302	18.869	20.986	285.157
2007	57.41	7.27	0.61	186.013	17.666	13.065	216.744
2008	59.54	5.41	0.61	146.185	8.311	8,260	162,756
2009	57.64	5.81	0.61	106.629	5.607	5.194	117.429
2010	53.38	5.81	0.61	74.644	3.537	3.277	81.458
2011	53.38	5.81	0.61	56.423	2.232	2.067	60.722
2012	53.38	5.81	0.61	42.751	1.411	1.307	45.469
Rem	53.38	5.81	0.61	71.185	1.733	1.605	74.522
Total	50.68	5.24	0.61	1,677.509	154.793	67.797	1,900,099

		Expenditures				Future Ne	t Revenue	, m2
Year	Total Sev Taxes (M\$)	Total Adv Taxes (M\$)	Net Investments (M\$)	Total Net Opcosts (M\$)	Annual (M\$)	Cumulative (M\$)	Disc. Ann. CF 10.00 % (M\$)	Cum. Disc. CF 10.00 % (M\$)
2003	8.711	0.243	1,279.900	4.384	-1,171.898	-1,171.898	-1,174,163	-1,174.163
2004	28.267	0.784	0.000	13.152	349.777	-822.121	321.635	-852.528
2005	24.809	0.685	0.000	13.152	303.876	-518.245	252.493	-600.035
2006	20.632	0.570	0.000	13.152	250.804	-267.441	188.530	-411.505
2007	15.687	0.433	0.000	. 13.152	187.472	-79.970	127.337	-284.168
2008	11.707	0.326	0.000	13.152	137.572	57.602	84.797	-199.371
2009	8.434	0.235	0.000	13.152	95.609	153.211	53.317	-146.054
2010	5.843	0.163	0.000	13.152	62.301	215.511	31.425	-114.628
2011	4.347	0.121	0.000	13.152	43.102	258.613	19.677	-94.951
2012	3.249	0.091	0.000	13.152	28.976	287.589	11.973	-82.978
Rem Total	5.313 136.998	0.149 3.800	0.000 1,279.900	36.316 159.068	32.744 320.334	32.744 320.334	11.622 -71.356	11.622 -71.356

Major Phase:	Oil			Working Int:		1.00000000	Present Worth Pr	ofile (M\$)
Perfs:	. 0	0		Revenue Int:		0.86500000		(1124)
Initial Rate:	0.57	mbbl/month		Disc. Initial Invest. (1	n\$):	1,279,900	2.00%:	226.76
Abandonment:	0.03	mbbl/month		Internal ROR (%):		7.82	4.00%	141.72
Initial Decline:	24.43	% year b =	0.000	ROInvestment (disc/i	indisc):	0.94 / 1.25	6.00% :	64.24
Beg Ratio:	2.51	mcf/mbbl		Years to Payout:		4.87	8.00%	-6.54
End Ratio:	0.30			Abandonment Date:		10/08/2015	10.00%	-71.36
			Initial	1st Rev.	2nd Rev.		25.00%:	-421.04
		We drive to access					40.00%:	-626.55
		Working Interest:	0000000.1	0.000000	0.00000000		50.00% :	-720.37
		Revenue Interest:	0.86500000	0.00000000	0.00000000		75.00%:	-873.84
		Rev. Date:					100.00%:	-965 12

BEPCO Detailed WTD V9

Ver: 9/5/2006

CONTROL: 1000415

Reservoir: WOLFCAMP

Oper: BEPCO FIELD\_ONLY: LOS MEDANOS

PROPERTY: JAMES RANCH UNIT #80 (EXCL DELAWARE)

Submit to Appropriate

### State of New Mexico

Form C-105

State Lease - 6 copies		151	ucigy, ivi	merais	and Hara	uai 1000	шесь	Depara	HOIL				Rev	ised 1-1-89
Fee Lease - 5 copies DISTRICT I P.O. Box 1980, Hobbs	s, NM 88240	C	DIL C	ONS	ERVA P.O. B			VISI	ON		ELL APINO 30-015-32			
DISTRICT II P.O. Drawer DD, Artes	sia, NM 8821	0	Sa	nta Fe,	New M			2088		5	. Indicate T		ATE X	] FEE
DISTRICT III. 1000 Rio Brazos Rd.,	Aztec, NM 8	7410									. State Oil &	Gas Lease	No.	- 1
WELLO	OMPLET	ION OR	RECO	MPI FT	ION RE	PORT	AND I	OG						As all it
la. Type of Well: OIL WELL X	OWI LLI				_						. Lease Nan			
OIT METT IX	.] GAS	WELL _	] DH	XY 🗌	OTHER _						ames Rai		,	
b. Type of Completion NEW WORK WELL X OVER	<del></del>		PLUG BACK		OFF ESVR	OTHER_					•			
2. Name of Operator										- 1	. Well No.			·
Bass Enterprises		n Co.								80				
3. Address of Operator		70702								1	. Pool name		if = I	Danas Omida
P. O. Box 2760 M	Idiaria IA	1.3702								LC	s wedan	os, s vvoi	icampi	Bone Spring
Unit Letter _	<u>B</u> : 3	30	Feet Fron	n The N	lorth	<del></del>	Lin	e and <u>15</u>	00_	<del></del>	Feet I	from The	ast	Line
Section 36			Township				30E		<u>.</u>		рм Eddy			County
10. Date Spudded 07/29/2003	11. Date T.I 08/21/20			Date Cor /14/20	npl. <i>(Ready</i> 03	to Prod.)		13. Elev		S(DF &	RKB, RT, G.		14. Elev.	Casinghead
15. Total Depth		lug Back T	.D.	1	7. If Multip Many Zo	le Compl.	How		Interv Drille	als d Bv	Rotary Too	ls	Cable To	ols
11,280'	11,				2			0			11,280			
19. Producing Interval(s Bone Spring 10,9	00-910'; V	Volfcam	op, Bottom o 11,096	, Name 3-11,11	1'							20. Was Dir No	ectional S	urvey Made
21. Type Electric and O PE AIT GR; PE T											22. Was We No	il Cored		
23.	-		CASIN	G RE	CORD	(Repo	ort all	string	s se	t in w	rell)			
CASING SIZE	WEIG	HT LB./F		DEPT			OLE SI				ENTING R	ECORD	T AM	OUNT PULLE
13-3/8"	48#		62	6'		17-1/2				sx C	lass C		Nor	18
9-5/8"	40#			72'		12-1/4					50/50 Poz	/CIC	Nor	
5-1/2"	17#			280'		8-1/2"			212	XZ C	Class C		Nor	<u>e</u>
						<del> </del> -								
24.			LINER I	RECOR	D D	<del></del>				25.	TU	BING RE	CORD	······································
SIZE	TOP		вотто		SACKS C	EMENT	S	CREEN			SIZE	DEPTH	SET	PACKER SET
N/A										2-7/8	3"	10,885		None
	1.4							4.010						
26. Perforation reco 11,096-111' - 15';	ra (interva 15 holes	i, size, an	a numbe	r)				ACID,						EEZE, ETC. RIAL USED
10,900-910' - 10'								00-11				s 2% KC		
											gals Med	3000+18	35,707#	Ottawa
											20/40+6	5,459# V∈	ersa Pro	p 20/40
28.					RODU							1 111 11 2		
Date First Production 09/14/2003					owing, gas 365-168	иуг, ритр	ing - Si	ze ana typ	e pun	1 <i>p)</i>		Produci		. or Shut-in)
Date of Test	Hours Te	sted	Choke	Size	Prod'n Fo		Oil - B			s - MCI		ater - Bbl.		Gas - Oil Ratio
09/20/2003	24 hour	'S	15/64		Test Peri		39		431		39		1800	)
Flow Tubing Press.	Casing P 500	ressure	Calcul Hour I	ated 24- Rate	Oil - Bibl 239	l.	Gas  431	s - MCF		Wate 39	r - Bbl.	Oil Gra	vity - API	- (Corr.)
29. Disposition of Gas (S	Sold, used for	fuel, vente	d, etc.)			_			_		Test V	itnessed By		
30. List Attachments Logs, C-102, C-10	4		<u> </u>								······································	- n C	7	· · · · · · · · · · · · · · · · · · ·
31. I hereby certify the		ation sho	wn on boi	h sides	of this for	n is true	and co	mplete to	the	best of	my knowle	THE S	(e)	
^					rinted _					,		J ''		
Signature <u>Ua</u>	ne 41	Julbe	ur_		lame Ta	ıml Will	oer			Title	Producti	on Clerk	Date	11/03/2003

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazzos Rd., Azlec, NM 87410
District IV

1220 S. St Francis Dr., Santa Fo, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-102

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

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Name LOS MEDANOS; WOLFCAMP, SOUTH	Pool Code 96336
Property Code 1786	Property Name JAMES RANCH UNIT	Well No. 080
OGRID No. 1801	Operator Name Bass Enterprises Production Co.	Elovation 3318

#### Surface And Bottom Hole Location

UL or Lot	Section	Township	Range	Lat Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	36	22S	30E		330	N	1500	E	Eddy
1)	ed Acres	Joint or	lofill	Consoli	dation Code		Order )	No.	

	The second secon	OPERATOR CERTIFICATION
_		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
		Electronically Signed By: Kent Adams
		Title: Manager
	Various en en el partir de la companya de la compan	Date: 5/2/2003
<u> </u>		SURVEYOR CERTIFICATION
	V.C. CALLERS OF THE CONTRACT O	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 supervision, and that the same is true and correct to the best of my belief.
····		Electronically Signed By: Gary Jones
		Date of Survey: 6/6/2000
	- 8	Certificate Number: 7977

PROPERTY: JAMES RANCH UNIT #80 (EXCL DELAWARE)

Oper: BEPCO FIELD\_ONLY: LOS MEDANOS

#### BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.

FORT WORTH, TEXAS 76102-3131 817/390-8400

2007 JAN 8 RM 9 CO

January 5, 2007

#### FEDERAL EXPRESS

Bureau of Land Management Roswell District Office 2909 W. 2<sup>nd</sup> Street Roswell, New Mexico 88201 Attn: Ms. Alexis Swoboda New Mexico State Land Office Commissioner of Public Lands 310 Old Santa Fe Trail Santa Fe, New Mexico 87501 Attention: Mr. Pete Martinez New Mexico Oil Conservation Division 1220 St. Francis Santa Fe, New Mexico 87505 Attention: William Jones

Re:

Commercial Determination James Ranch Unit #75 Bone Spring Formation Eddy County, New Mexico

#### Gentlemen:

Please find attached hereto one (1) copy of Bass' commercial determination worksheets and exhibits which indicate that the subject well is a commercial well in the Bone Spring Formation. Please indicate your concurrence to the above Commercial Determination. Upon your execution hereof, Bass will submit a participating area for the well.

Thank you very much and should you have any questions or comments in regard to the attached commercial determination, please don't hesitate to contact the undersigned.

Sincerely,

forust K. Naylor

Bureau of Land Management	New Mexico State Land Office	New Mexico Oil Conservation Division
Ву:	Ву:	By:
Its:	Its:	Its:
Date:	Date:	Date:

# WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

#### **WELL DATA**

WELL Jan	nes Ranch Unit #75		FORMATION	Bone Spring
LOCATION K U	NIT, <u>1980</u> F	EET FROM South	LINE & 213	80 FEET FROM West LINE
SECTION6TOWNSHIP	23S RANGE	31E COUNTY	Ede	dy, NEW MEXICO
SPUD DATE	COMPLETION DATE _	8/12/2004	INITIAL PRODUC	TION <u>8/21/2004</u>
PERFORATIONS10.998-11.008'			<u> </u>	
STIMULATION:				
ACID				
FRACTURE F	rac w/ 87,118 gal Meda	llion 3000 + 200,956# 2	0/40 Ottawa + 72,759	# 20/40 Versa Prop
POTENTIAL (0/04/0004) 400	4 DODD 000 HOEDD 0	4.01/00		
POTENTIAL (8/21/2004): 18				
(Attach Copy of C-105. Attach Copy of Wellb	oore Sketch of Complete	d vveil.)		
	VOLU	METRIC CALCULA	TION	
	SANDS	PERFORATED		DS NOT PERFORATED BUT ITENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	40	<del></del>		
Porosity (Φ), %	12%		<del></del>	
Water saturation (Sw), %	29%			
Net Thickness (H), ft.	20			
Temperature (T), Fahrenheit	124		<del></del>	
Bottom Hole pressure (P), psia	6,050			
Recovery factor (RF), %	15%			
Recoverable Oil, Bbls *(See eq. below)	52,879		· · · · · · · · · · · · · · · · · · ·	
*Sometimes unable to match performance du	ie to volumetric uncertair	nty.		
Formula = $(7758) (A) (H) (\Phi) (1-Sw) (1/B)$	o)(RF)		Bo = 1.5	0

#### PERFORMANCE DATA

(If sufficient history exists, a	attach plot of oil production	rate v time.)			
CUMULATIVE PRODUCTI	ON TO5/31	1/2006 18,312	MCF Gas10,191BE	BL Oil	
INITIAL RATE (qi)			48		
ECONOMIC LIMIT (ql)			2		
HYPERBOLIC DECLINE R	ATE, dy	n = .99,	d = 20.91%/yr		
REMAINING OIL (Q) =			43,089		
ULTIMATE RECOVERABL	E OIL (BO)		53,280		
(Attach plat showing prorati	on unit and participating ar	ea.)			
		ECC	DNOMIC		
GROSS WELL COST	\$1,499,000 (to the dep	oth of formation complete	ed)		
RECOMPLETION COST_					
GROSS TOTAL COST	\$1,499,000				
<u>YEAR</u>	GROSS OIL MBBLS	BFIT NET INCOME (\$M)	OPERATING COST (\$M) INCL SEV & AD VAL TAX	10% NET BFIT DISCOUNTED CASH FLOW	
ZERO					
1	3.129	131.995	15.228	-1383.946	
2	5.369	268.966	33.040	214.451	
3	3.837	236.892	30.916	169.905	
4	2.887	195.661	28.003	124.672	
5	2.278	157.569	25.093	89.380	
6	1.873	132.017	23.210	66.402	
7	1.593	109.788	21.561	48.692	
8	1.387	97.916	20.669	38.573	
9	1.231	88.742	19.977	31.065	٠.
10	1.101	80.831	19.379	25.115	
REMAINDER	11.164	890.073	316.153	120,611	
TOTAL	35.849	2390.450	553.229	-455.081	

WELL IS NOT COMMERCIAL

#### **ECONOMIC PROJECTION**

Date:

Project Name:

Cum Oil (mbbls):

Cum Gas (mmcf):

8/29/2006

Lior: 1000416

PROPZONE Extract-Creating new PHDWi

Partner: Case Type: Archive Set:

BUD07

All Cases LEASE CASE

0.00 0.00

As Of Date: 08/01/2004 Discount Rate (%):10.00 1000416/JAMES RANCH UNIT/BON

5:33:50PM

Lease Name: 1000416/JAMES RANCH UNIT/BON

Reserv Cat.: Proved Producing
Field: LOS MEDANOS (BONE SPRING)

Operator: BEPCO Reservoir: BONE SPRING

Co., State: EDDY, NM

Gross Wet Production

Gross Dry Gas & NGI

Sales

	Gross Wet Pro	duction	Gross Dry Gas	& NGL		Sales	
Year -	Oil (Mbbl)	Wet Gas (MMCF)	Dry Gas (MMCF)	NGL (MGal)	Oil (Mbbl)	Gas (MMCF)	NGL (MGal)
2004	3.129	5.300	2.879	0.000	2.644	2.433	0.000
2005	5.369	9.058	4.921	10.626	4.537	4.158	8.979
2006	3.837	9.723	5.283	48.034	3.242	4.464	40.589
2007	2.887	9.138	4.965	45.142	2.440	4.195	38.145
2008	2.278	8.401	4.564	41.502	1.925	3.857	35.069
2009	1.873	7.735	4.203	38.212	1.582	3.551	32.289
2010	1.593	7.185	3.903	35.492	1.346	3.298	29.990
2011	1.387	6.707	3.644	33.133	1.172	3.079	27.998
2012	1.231	6.306	3.426	31.152	1.040	2.895	26.323
2013	1.101	5.920	3.216	29.243	0.930	2.718	24.710
Rem	11.164	73.520	39.943	306.893	9.433	33.752	306.893
Total	35.847,	148.993	80.948	675.723	30.291	68.401	570.986
Ult.	35.847	148.993					
		Average Price			Net Reve		
Year	Oil	Gas	NGL	Oil	Gas	NGL	Total
	\$/BBL	\$/MCF	\$/Gal	(M\$)	(M\$)	(M\$)	(M\$)
2004	45.21	5.12	0.00	119.535	12.460	0.000	131.995
2005	53.19	5.33	0.61	241.313	22.176	5.477	268.966
2006	58.69	4.90	0.61	190.264	21.869	24.759	236.892
2007	57.76	7.50	0.61	140.937	31.456	23.269	195.661
2008	59.87	5.43	0.61	115.223	20.954	21.392	157.569
2009	57.95	5.81	0.61	91.698	20.623	19.696	132.017
2010	53.73	5.81	0.61	72.339	19.155	18.294	109.788
2011	53.73	5.81	0.61	62.955	17.882	17.079	97.916
2012	53.73	5.81	0.61	55.872	16.813	16.057	88.742
2013	53.73	5.81	0.61	49.976	15.782	15.073	80.831
Rem	53.73	5.81	0.61	506.853	196.015	187.205	890.073
Total	54.37	5.78	0.61	1,646.965	395.185	348.301	2,390.452

		Expenditures				Future Ne	t Revenue	
Year	Total Sev Taxes (M\$)	Total Adv Taxes (M\$)	Net Investments (M\$)	Total Net Opcosts (M\$)	Annual (M\$)	Cumulative (M\$)	Disc. Ann. CF 10.00 % (M\$)	Cum. Disc. CF 10.00 % (M\$)
2004	9.484	0.264	1,499.000	5.480	-1,382.233	-1,382.233	-1,383.946	-1,383.946
2005	19.350	0.538	0.000	13.152	235.926	-1,146.306	214,451	-1,169.496
2006	17.290	0.474	0.000	13.152	205.977	<b>-</b> 940.330	169.905	-999.591
2007	14.460	0.391	0.000	13.152	167.658	-772.672	124.672	-874.919
2008	11.626	0.315	0.000	13.152	132.476	-640.196	89.380	-785.539
2009	9.794	0.264	0.000	13.152	108.807	-531.389	66.402	-719.136
2010	8.189	0.220	0.000	13.152	88.228	-443.161	48.692	-670.444
2011	7.321	0.196	0.000	13.152	77.248	-365.913	38.573	-631.871
2012	6.648	0.177	0.000	13.152	68.765	-297.148	31.065	-600.807
2013	6.065	0.162	0.000	13.152	61.452	-235.696	25.115	-575.692
Rem	67.271	1.780	0.000	_ 247.102	573.920	573.920	120.611	120.611
Total	177.497	4.781	1,499.000	370.950	338.224	338.224	-455.081	-455.081

Major Phase : Perfs :	Oil 0	0		Working Int : Revenue Int :		1.00000000 0.84500000	Present Worth 1	Profile (M\$)
Initial Rate : Abandonment : Initial Decline : Beg Ratio : End Ratio :	0.31 0.03 34.17 2.84 7.54	mbbl/month mbbl/month % year b = mcf/mbbl	0.999	Revenue Int: Disc. Initial Invest. (m\$): Internal ROR (%): ROInvestment (disc/undisc): Years to Payout: Abandonment Date:		1,499.000 2.94 0,70 / 1,23 14,45 10/17/2032	2.00%: 4.00%: 6.00%: 8.00%:	93.60 -93.95 -241.01 -358.82 -455.08
		Working Interest: Revenue Interest: Rev. Date:	Initial 1.00000000 0.84500000		2nd Rev. 0.00000000 0.00000000		25.00%: 40.00%: 50.00%: 75.00%:	-845.55 -1,016.63 -1,087.41 -1,197.17 -1 260.10

BEPCO Detailed WTD V9

Ver: 8/29/2006

1000 100 10 10 ♦ Yield (bbl/Mof)
♦ GOR (scf/bbl) Gas Rem: 148.99 MMcf Gas EUR: 148.99 MMcf Proj Gas Cum: 0.00 MMcf CONTROL: 1000416 County, State: EDDY, NM Reservoir: BONE SPRING 1000 ECL: 10/17/2032 Ö 28 24 20 16 PROPERTY: JAMES RANCH UNIT #75 (EXCL DELAWARE) 12 Oper: BEPCO FIELD\_ONLY: LOS MEDANOS 04 08 Proj Oil Cum: 0.00 Mbbl Oil Rem: 35.85 Mbbl Oil EUR: 35.85 Mbbl, Water (bbl/day) ○
○ (Acf/day) ○
○ (bbl/day) ○ 0001 1000 10 100 100 001 01 1.

Form 3160-4 (August 1999)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: November 30, 2000

	WELL	COMPL	ETION C	OR REC	OMPLE	ETION	REPO	RT	AND L	.OG		5.		e Serial 1 004473	No.	
la. Type o	f Well	Oil Well	☐ Gas	Well [	Dry	Other						6.	If Inc	lian, All	ottee o	r Tribe Name
b. Type o	f Completion	Othe	lew Well er	□ Work (	Over (	_ Deeper	, 01	Plug	Back	☐ Di	ff. Resvr.	7.	Unit	or CA A	greem	ent Name and No.
2. Name of	f Operator				Contac	t: CINDI						8.	Lease	Name .	and We	
	ENTERPRI		DUCTION	co					n@bass . (include	<u> </u>				IES RA Well No		JNIT 75
	MIDLAND	), TX 79					h: 432	.683	3.2277							30-015-33114
	n of Well (Re	•	•				•		)*			14	D. Fiel LOS	d and Po MEDA	ool, or	Exploratory (WOLFCAMP)
	ace NESV				•							ī	1. Sec.	., T., R.,	M., or	Block and Survey 3S R31E Mer NMP
	prod interval	•							103.490	)72 W	Lon	13	2. Cou	nty or P		13. State
At total	depth NE	SW 1980		WL 32,198 atc T.D. Re		t, 103.49			Complete	ed.		-   1	EDE 7. Elec		DF KI	NM 3, RT, GL)*
07/02/			08	/03/2004			Ö	D & 18/12	A 2/2004	Ready	to Prod.			33	07 GL	
18. Total I	-	MD TVD	1140		Plug B		MI TV		11:	310			Bridge	Plug So		MD TVD
21. Type F PE LD	lectric & Otl T CNL - GR	her Mecha AIT	nical Logs R	un (Submit	copy of e	each)				٧	Vas well co Vas DST r Directional	un?	- ⊠	No No No	Yes	(Submit analysis) (Submit analysis) (Submit analysis)
23. Casing a	nd Liner Rec	ord (Repo	ort all strings	set in well,	)			_	L						<u> </u>	(Submit Billiyota)
Hole Size	Size/C	irade	Wi. (#/ft.)	Top (MD)	Bott (M		ge Ceme Depth	nter	No. of Type o	f Sks. &		ny Vo BBL)	p1. (	Cement '	Top*	Amount Pulled
14.750	<del></del>	750 H-40	42.0		0	671					335				0	
11.000		625 J-55 HCP-110				3972					100		-		0.00	
7.875	5.5001	1CP-110	17.0	<del> </del>	1	1399		_			100				680	
								_								
	1	-,-														
24. Tubing		<del>m</del> 1 =	. 1 5 4	0 m) T	<u>.                                      </u>			1 -	<del></del> -		-> [					
Size	Depth Set (1	MD) P	acker Depth	(MD)	Size	Depth Se	(MD)	1	acker Dep	oth (M)	D)   Siz	<del>e  </del>	Depth	Set (M	D)	Packer Depth (MD)
25. Produci	ing Intervals					26. Peri	oration F	Reco	rd							
F	ormation		Тор	J	Bottom		Perfora	tcd	Interval		Siz	c	No.	Holes		Perf. Status
A)	WOLF			1186	11196	<del></del>			1186 TO			0.400	<u> </u>		_	DUCING
B) C)	BONE SP	RING		10998	11008			1	0998 TO	1100	<u> </u>	0.400	├─	10	PRO	DUCING
D)		<del>-  -</del>				<del> </del>					<del>                                     </del>				<del>                                     </del>	
	racture, Trea	tment, Cer	nent Squeeze	e, Etc.												
	Depth Interv										of Materia					
	1099	98 TO 11	196 87 GAL	MEDALLIO	N 3000 +	200,956#	20/40 OT	TAV	VA + 72,7	59# 20	/40 VERS	A PRO	P		··········	
						·										
															. •	70
28. Product	ion - Interval	Α												-4	$II_i$	120
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	- 10	Oil Gra	DY.	- 1-	as navity	Pro	duction N	let	/ ba	
08/12/2004	08/21/2004	24		184.0	320.0	) 3	1.0					_		FLOV	VS FRO	OM WELL
Choke Size	Tbg. Press. Flwg. 0	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL		ins:Oi Letio	1	W	ell Status					
14/64	SI	500.0		184	320		31				PÓW					
	tion - Intervi		1=	1												
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	GRS MCF	Water BBL		il Gn ion. A			as ravity	Pro	duction A	dethod		
08/12/2004	08/21/2004	24		184.0	320.0		1.0							FLOV	VS FRO	M WELL
Choke Size	Tbg. Press. Flwg. 0		24 Hr. Rate	Oil BBL	Gas MCF	Water BBL		ias:Oi atio	i	*	ell Status					
14/64	Şī	500.0		184	320	3	1		·		POW					

28b. Produ	action - Interv	al C			·						
Date First Produced	Test Dute	Hours Tested	Test Production	Oil BBL	Gas MCP	Water BBL	Oil Gravity Corr. API		ios iravity	Production Method	
Choke Size	Tbg. Press. Plwg. SI	Cag. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	*	Vell Status		
28c. Produ	iction - Interv	ıl D									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		des Pravity	Production Method	
Choke Size	Tog. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	*	Vell Status		
29. Dispos SOLD	ition of Gas(S	iold, used f	or fuel, vent	ed, etc.)							
	ary of Porous	Zones (Inc	lude Aquife	rs):					31. For	mation (Log) Markers	
Show a tests, in	all important z	ones of po	rosity and co	ontents there	of: Cored in tool open,	ntervals and a flowing and a	all drill-stem shut-in pressures			, •	
	Formation		Тор	Bottom		Description	is, Contents, etc.			Name	Top Meas. Depth
32. Additio	onal remarks ( EMARK PRO	include plu	agging proce	dure):					SAI LAN RAI SHI LBO BO BO	STLER LT MAR MSEY EL C*BA* NE SPRING LM NE SPRING III DLFCAMP	253 692 3928 3963 6793 7479 7763 10923 11058
77 6:1-	11								····		
	enclosed attac ctrical/Mechar		(I full set re-	n'd )	1	2. Geologic I	Renort		3. DST Rep	vort 4 Discuss	ional Survey
	dry Notice for	_	-	•		6. Core Anal	-		7 Other:	A. Diece	onai survey
34. I hereb	y certify that	he foregoi	-		•		ect as determined by the BLM We CTION CO, se			records (see attached instructem.	tions):
Name (	(please print)	CINDI GC	ODMAN			<del></del>	Title <u>PF</u>	RODU	CTION CLE	RK	
Signatu	ire	(Electronic	Submission	on)			Date <u>09</u>	/24/20	004		
Title 18 U.	S.C. Section 1 ed States any	001 and T	itle 43 U.S.C	Section 12	212, make it	a crime for a	ny person know to any matter wi	ingly a	and willfully to	to make to any department or	agency

DISTRICT I 1825 M. French Dr., Hobbs, Na. 56240 DISTRICT IN 811 South First, Artenia, 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., Astec, NM 87410 DISTRICT IV

#### OIL CONSERVATION DIVISION

2040 South Pacheco

Bottom Hole Location if Different From Surface    Bottom Hole Location if Different From Surface   Bottom Hole In Surfac	DISTRICT IV 1940 South Pacheon	, Santa Pe, i	NM 87506		Santa F		Mexic	o 87504-2088		C AMENDED	REPORT
LOS MEDANOS SOUTH (NOLFCAMP) FIELD   Freperty Code   Freperty Name			7	WELL LO	CATION	AND .	ACREA	GE DEDICATION	ON PLAT		
Property Name  JAMES RANCH UNIT  OGRD No.  001801  BASS ENTERPRISES PRODUCTION COMPANY  Surface Location  To tot No.  Section  To vaniship  Bange  Lot Idn  Feet from the  Bast/West line  South  Bottom Hole Location if Different From Surface  To riot No.  Section  To romship  Bange  Lot Idn  Feet from the  North/South line  Feet from the  Bast/West line  County  Bottom Hole Location if Different From Surface  To riot No.  Section  To romship  Bange  Lot Idn  Feet from the  North/South line  Feet from the  Bast/West line  County  Bottom  Hole Location if Different From Surface  To riot No.  Section  To romship  Bange  Lot Idn  Feet from the  North/South line  Feet from the  Bast/West line  County  Dedicated acree  Joint or infull  Consolidation Code  Order No.  NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CUNSOLIDATED  OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION  JAPANY COUNTY IN the the softwardion  Interpretation of the plant was and complete to the last of my summerings and bailef.  LOT 4 - 40.45 AC.  LOT 3 - 39.90 AC.  LOT 2 - 39.94 AC.  LOT 1 - 39.95 AC.  OPERATOR CERTIFICATION  JAPANY CERTIFICATION  JAPANY CERTIFICATION  I hereby certify lind the softwardion  on thus plat was platted from fined nation  on thus plate was pla	AP1	Number			Pool Code				Pool Name		
JAMES RANCH UNIT  Operator Name  OCRID No.  OO1801  BASS ENTERPRISES PRODUCTION COMPANY  Surface Location  Surface Location  OC. or lot No.  Section  Township  Bange  Lot ldn  Feet from the  SOUTH  1980  SOUTH  2130  WEST  EDO'  Bottom Hole Location if Different From Surface  U. or lot No.  Section  Township  Range  Lot ldn  Feet from the  North/South line  Feet from the  East/West line  County  Dedicated acres  Joint or lnflll  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  LOT 4 - 40.45 AC.  LOT 3 - 39.90 AC.  LOT 2 - 39.94 AC.  LOT 1 - 39.95 AC.  OPERATOR CERTIFICATION  I hereby certify the the supermaston consistented herein forms from sourcings and bould.  LAT - NSZ'19'54.8"  LONG - W103'49'07.2"  LOT 6 - 40.96 AC.  JAGES - 300.8'  JAGES - 300.									TH (WOLFCAM		
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Surface Location    Surface   Surfac				BASS	FNTFRP	-			ANY	I ==:::	
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2130'  3303.6' 3306.8'  August 22, 2000  Date Surerygy L. Johns		l	1//3305.9	۱۱۶،۰۵۶ ۱۱۴۲۱	1		1		1.1	-	-
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Stengton Control		}	/////	/////			l		Date Survey	AY L JOA	<del></del>
LOT 7 - 41.15 AC.	LOT 7 - 41	+ -15 AC.	للللل	<del>1777</del>	+		-+-		Signature &	Seal of Ca	

#### BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.

FORT WORTH, TEXAS 76102-3131

817/390-8400

2007 JAN 8 AM S 00

January 5, 2007

#### FEDERAL EXPRESS

Bureau of Land Management Roswell District Office 2909 W. 2<sup>nd</sup> Street Roswell, New Mexico 88201 Attn: Ms. Alexis Swoboda New Mexico State Land Office Commissioner of Public Lands 310 Old Santa Fe Trail Santa Fe, New Mexico 87501 Attention: Mr. Pete Martinez New Mexico Oil Conservation Division 1220 St. Francis Santa Fe, New Mexico 87505 Attention: William Jones

Re:

Commercial Determination James Ranch Unit #87 Bone Spring Formation Eddy County, New Mexico

#### Gentlemen:

Please find attached hereto one (1) copy of Bass' commercial determination worksheets and exhibits which indicate that the subject well is a commercial well in the Bone Spring Formation. Please indicate your concurrence to the above Commercial Determination. Upon your execution hereof, Bass will submit a participating area for the well.

Thank you very much and should you have any questions or comments in regard to the attached commercial determination, please don't hesitate to contact the undersigned.

Sincerely,

Forest K. Navlor

Bureau of Land Management	New Mexico State Land Office	New Mexico Oil Conservation Division
By:	By:	By:
Its:	Its:	Its:
Date:	Date:	Date:

# WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

#### **WELL DATA**

WELL James	Ranch Unit #87	_ FORMATION	Bone Spring	
OCATION N UNIT	250 FEET FROM_SOUTH	_ LINE &	1980 FEET FROM WEST	LINE
SECTION6TOWNSHIP23	S RANGE 31E COUNT	Υ	Eddy, NEW !	MEXICO
ATION N UNIT, 250 FEET FROM SOUTH LINE & 1980 FEET FROM WES TION 6 TOWNSHIP 23S RANGE 31E COUNTY Eddy NEW D DATE 9/10/2005 COMPLETION DATE 11/15/2005 INITIAL PRODUCTION 1  FORATIONS 11092-11016  FRACTURE Frac w/ 87444 gals Medallion 3000 + 191,239# 20/40 Versa Prop + 64 090# 20/40 Versa Prop  ENTIAL (11/29/2005) 137 BOPD, 246 MCFPD, 98 BWPD  th Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)  VOLUMETRIC CALCULATION  SANDS PERFORATED POTENTIALLY PRODUCTIVE  (A) proration unit size, acres 40 sity (P), % 12% r saturation (Sw), % 55% hickness (H), ft. 14 perature (T), Fahrenheit 169 m Hole pressure (P), psia 4,730 wery factor (RF), % 35% versable Oil, Bbis '(See eq. below) 54,740		1/15/2005		
N				
STIMULATION:				
ACID				_
	,			
FRACTURE Frac	w/ 87444 gals Medallion 3000 + 191,239#	# 20/40 Versa Prop	+ 64,090# 20/40 Versa Prop	
·			<u> </u>	_
				_
POTENTIAL (11/29/2005): 137 E	3OPD, 246 MCFPD, 98 BWPD			
Attach Copy of C-105. Attach Copy of Wellbore	Sketch of Completed Well.)			<del></del>
Attach Copy of C-105. Attach Copy of Wellbore	VOLUMETRIC CALCUL		SANDS NOT PERFORATED BUT	
	VOLUMETRIC CALCUL			
Attach Copy of C-105. Attach Copy of Wellbore  Area (A) proration unit size, acres  Porosity (Φ), %	VOLUMETRIC CALCUL  SANDS PERFORATED  40			
Area (A) proration unit size, acres	SANDS PERFORATED 40 12%			
Area (A) proration unit size, acres Porosity (Φ), %	SANDS PERFORATED 40 12% 55%			
Area (A) proration unit size, acres Porosity (Φ), % Water saturation (Sw), %	SANDS PERFORATED  40  12%  55%  14			
Area (A) proration unit size, acres Porosity (Φ), % Water saturation (Sw), % Net Thickness (H), ft.	VOLUMETRIC CALCUL  SANDS PERFORATED  40  12%  55%  14  169			
Area (A) proration unit size, acres Porosity (Φ), % Water saturation (Sw), % Net Thickness (H), ft. Γemperature (T), Fahrenheit	VOLUMETRIC CALCUL  SANDS PERFORATED  40  12%  55%  14  169  4,730			
Area (A) proration unit size, acres Porosity (Φ), %  Water saturation (Sw), %  Net Thickness (H), ft.  Γemperature (T), Fahrenheit  Bottom Hole pressure (P), psia	VOLUMETRIC CALCUL  SANDS PERFORATED  40  12%  55%  14  169  4,730  35%			
Area (A) proration unit size, acres Porosity (Φ), %  Water saturation (Sw), %  Net Thickness (H), ft.  Femperature (T), Fahrenheit  Bottom Hole pressure (P), psia  Recovery factor (RF), %	VOLUMETRIC CALCUL  SANDS PERFORATED  40  12%  55%  14  169  4,730  35%			
Area (A) proration unit size, acres Porosity (Φ), %  Water saturation (Sw), %  Net Thickness (H), ft.  Femperature (T), Fahrenheit  Bottom Hole pressure (P), psia  Recovery factor (RF), %	VOLUMETRIC CALCUL  SANDS PERFORATED  40  12%  55%  14  169  4,730  35%  54,740			

#### PERFORMANCE DATA

	attach plot of oil production			
CUMULATIVE PRODUCT	TION TO	/20062,351	Bbls Oil4,595 N	MCF Gas
INITIAL RATE (qi)			46	
ECONOMIC LIMIT (qi)			2	
HYPERBOLIC DECLINE	RATE, dy	n = .99,	d = 62.25%/yr	
REMAINING OIL (Q) =			52,501	
ULTIMATE RECOVERA	BLE OIL (BO)		54,852	
(Attach plat showing prora	ation unit and participating ar	ea.)		
		ECC	ONOMIC	•
` در.				
GROSS WELL COST	\$1,127,405 (to the dep	th of formation complete	ed)	
RECOMPLETION COST				
GROSS TOTAL COST	\$1,127,405			
<u>YEAR</u>	GROSS OIL MBBLS	BFIT NET INCOME (\$M)	OPERATING COST (\$M) INCL SEV & AD VAL TAX	10% NET BFIT DISCOUNTED CASH FLOW
ZERO				
1	0.968	51.748	6.042	-1082.295
2	6.359	342.010	38.282	279.597
3	4.876	277.482	33.758	205.936
4	3.127	180.417	26.500	117.887
5	2.297	130.439	22.825	74.513
6	1.820	97.036	20.360	47.995
7	1.507	80.584	19.140	34.793
8	1.290	69.088	18.287	26.023
9	1.122	60.179	17.626	19.718
10	0.995	53.429	17.125	15.221
REMAINDER	7.683	414.145	202.315	55.142
TOTAL	32.044	1756,557	422.260	-205.469

WELL IS NOT COMMERCIAL

#### **ECONOMIC PROJECTION**

Custom Selection

Date:

9/5/2006

1000418 Lior:

11:10:05AM

94.87 1.20

-78.20

-146.33

-205.47

-486.43

-636.17

-704.35

-819.08

-890.67

2.00%:

4.00% 6.00%

8.00%

10.00%

25.00%

40.00%

50.00%

75.00%:

100,00%

Project Name: Partner:

PROPZONE Extract-Creating new PHDWi

As Of Date: 11/01/2005

All Cases

Discount Rate (%): 10.00

Reserv Cat.: Proved Producing

Lease Name: 1000418/JAMES RANCH UNIT/BON

Case Type:

LEASE CASE

Field: LOS MEDANOS (BONE SPRING)

Archive Set: BUD07

Operator: BEPCO

Cum Oil (mbbls): 0.00 Cum Gas (mmcf): 0.00 Reservoir: BONE SPRING Co., State: EDDY, NM

	Gros	s Wet Production		Gross Dry Gas			Sales	
ear	Oil (Mbbl			Dry Gas (MMCF)	NGL (MGal)	Oil (Mbbl)	Gas (MMCF)	NGL (MGal)
005		0.968	2.995	1.627	0.000	0.837	1.408	0.000
006		6.359	10.348	5.622	0.000	5.501	4.863	0.000
007		4.876	10.648	5.785	0.000	4.218	5.004	0.000
008		3.127	7.552	4.103	0.000	2.705	3.549	0.000
)09		2.297	5.832	3.168	0.000	1.987	2.741	0.000
10		1.820	4.761	2.587	0.000	1.574	2.238	0.000
11		1.507	4.024	2.186	0.000	1.304	1.891	0.000
12		1.290	3.493	1.898	0.000	1.116	1.642 1.444	0.000
)13		1.122 0.995	3.072 2.747	1.669 1.493	0.000 0.000	0.970 0.860	1.291	0.000 0.000
)14		0.993	2.747	1.493	0.000	0.800	1.291	0.000
em		7.683	21.768	11.826	0.000	6.646 27.719	10.230 36.299	0.000
otal	3	2.045	77.240	41.965	0.000	27.719	30.299	0.000
t.	3	2.045	77.240 verage Price			Net Revenu	, ,	
'ear		Oil	Gas	NGL	Oil	Gas	NGL	Total
		\$/BBL	\$/MCF	\$/Gal	(M\$)	(M\$)	(M\$)	(M\$)
005		52.84	5.33	0.00	44.242	7.506	0.000	51.748
006		58.38	4.29	0.00	321.135	20.875	0.000	342.010
007		57.12	7.30	0.00	240.930	36.552	0.000	277.482
908		59.58	5.42	0.00	161.174	19.244	0.000	180.417
009		57.63	5.81	0.00	114.523 84.041	15.916 12.995	0.000 0.000	130.439 97.036
010 911		53.38 53.38	5.81 5.81	0.00 0.00	69.602	10.982	0.000	80.584
012		53.38	5.81	0.00	59.554	9.534	0.000	69.088
013		53.38	5.81	0.00	51.795	8.383	0.000	60.179
014	. *	53.38	5.81	0.00	45.931	7.498	0.000	53.429
.em		53.38	5.81	0.00	354.735	59.410	0.000	414.145
otal		55.83	5.75	0.00	1,547.663	208.895	0.000	1,756.558
_		Expenditures				Future N	let Revenue	
	Total	Total	Net	Total	. 1	0 12	Disc. Ann. CF	Cum. Disc. CF
ear	Sev Taxes (M\$)	Adv Taxes (M\$)	Investments (M\$)	Net Opcosts (M\$)	Annual (M\$)	Cumulative (M\$)	10.00 % (M\$)	10.00 % (M\$)
05	3.747	0.103	1,127.40				-1,082,295	-1,082.295
06	24.446	0.684	0.00				279.597	-802.698
07	20.051	0.555	0.000				205.936	-596.761
08	12.987	0.361	0.00				117.887	-478.875
09	9.412	0.261	0.00	13.15	2 107.615	-272.716	74,513	-404.362
10	7.014	0.194	0.00	) 13.15	2 76.676	-196.040	47.995	-356.366
11	5.827	0.161	0.00	13.15	2 61.443	-134.596	34.793	-321.573
12	4.997	0.138	0.00			-83.795	26.023	-295.551
13	4.354	0.120	0.00				19.718	-275.832
)14	3.866	0.107	0.00				15.221	-260.611
em	29.981	0.828	0.00					
otal	126.683	3.513	1,127.40:				55.142 -205.469	55.142 -205.469
lajor Phase :		Oil 0 0		Working Revenue		1.00000000 0.86500000		esent Worth Profile (

Revenue Int

Disc. Initial Invest. (m\$)

ROInvestment (disc/undisc):

Internal ROR (%):

Abandonment Date:

1st Rev.

0.00000000

0.00000000

Years to Payout

0.86500000

1,127.405

0.82 / 1.18 9.32

01/15/2028

4.03

2nd Rev.

0.00000000

0.00000000

BEPCO Detailed WTD V9

Initial Rate:

Beg Ratio

End Ratio

Abandonment:

Initial Decline:

0.87

0.03 72.73 1.25

2.88

0 0

mbbl/month

mbbl/month

Working Interest:

Revenue Interest

Rev Date

mcf/mbbl

% year

Ver: 9/5/2006

b = 0.999

Initial

1.00000000

0.86500000

.001 .0001 .01 100 ♦ Yield (bbl/Mcf)♦ GOR (scf/bbl) .1 1000 Proj Gas Cum: 0.00 MMcf Gas Rem: 77.24 MMcf Gas EUR: 77.24 MMcf CONTROL: 1000418 County, State: EDDY, NM Reservoir: BONE SPRING ECL GOR(BUD07) Gas(BUD07) Yield(BUD0Z) 24 22 20 3 16 4 12 10 08 Oper: BEPCO FIELD\_ONLY: LOS MEDANOS Proj Oil Cum: 0.00 Mbbl Oil Rem: 32.05 Mbbl ASOF Ü Water (bbl/day) ♥
Gas (Mcf/day) ▼
Oil (bbl/day) 001 001 ) | |-|

PROPERTY: JAMES RANCH UNIT #87 (EXCL DELAWARE)

Oil EUR: 32.05 Mbbl

DISTRICT I 1625 M. Freisch Dr., Hobbs, EM 58240 DISTRICT II 811 South Pirst, Artesia, NM 88219

#### State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-Revised March 17, 1

Sabmit to Appropriate District Of

State Lease - 4 Co Fee Lease - 3 Co

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

### OIL CONSERVATION DIVISION

2040 South Pacheco

DISTRICT IV	o, Santa Pe, N	M 87506	·	Santa F	e, New Mexic	o 87504-2088	. •	D AMENDED	REPC
		٦	WELL LO	CATION	AND ACREA	GE DEDICATI	ON PLAT	·	
	Number			Pool Code	1	C MEDANOS DO	Pool Name		· · · · · · · · · · · · · · · · · · ·
30-015-		r	40295		Property Nam	S MEDANOS BO	NE SPKING	Well No	mabe-
<b>001</b> 786		1		JA	MES RANCH			87	
OGRID N	io.				Operator Nam	)E		Eleva	
001801		<u></u>	BASS	ENTERP	<del></del>	UCTION COMP	ANY	330	<u>1'</u>
					Surface Loca	ation	<del>,</del>		
UL or lot No.	Section	Township	Range	Lot lite	Feet from the	North/South line	Feet from the	East/West line	Com
N	6	23 S	31 E	<u> </u>	250	SOUTH	1980	WEST	ED
	`		·			rent From Sur		·	
UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	Com
Dedicated Acre	la Laint a	r Infill Co	nsolidation	Code C	der No.	<u> </u>		L	L
40	N SOUTH C		outualVII	- J					
		ML RE A	SSIGNED '	TO THIS	COMPLETION 1	NTIL ALL INTER	RESTS HAVE DE	EN CONSOLD	ATRI
NO ALLO	——————————————————————————————————————					APPROVED BY		SELV CONSOLIDA	
LOT 4 - 4	0.45 AC.	LOT 3 - 3	9.90 AC.	LOT 2	- 39.94 AC.	LOT 1 - 39.98 AC	OPERATO	R CERTIFICAT	TON
				}	1		8.0	y certify the the in	
	j				ĺ		E 1	n is true and coupl vieds and belief.	ste to ti
	ļ				l		. ∐·	. 1	
					REC	EINED	Will	iano R. Dann	11)
	( + +			<u> </u>		1 6 2005	Signature	Sport (, pografi	w~
LOT 5 - 4	0.79 AC.				OGD-	Nes i Fi			
	1			ŀ	1		Printed Name		
	ļ				· !		Title	, ve Lo	<del></del>
	1			ł	ļ			DRILLING SUPT.	
	,				J I		Date ///		
167		<del></del>		<u> </u>			SURVEYO	R CERTIFICAT	NOF
LOT 6 - 4	U.96 AC.				i			that the well tocati	
	!				ļ		netual surveys	as plotted from field made by the or	undoy 1
	]				ļ		11.	d that the some is a best of my balls	
	į					•	[]		•
	ľ				i I		Date Surveye	ly 28, 2000	
107.7	i	アアフ		<del> </del>			Signature		
LOT 7 - 4	1.13 AC.	lat – nsz long – wi	19'37.6" 03:49'08.9'	3	1	•	Profession GA	A A SANSA	
	ļ	///.		]	ļ		ATE VALE	M. Sont	~
	j ř				j 1			7987 14354	
1	; }	\$300.9	3302.8'	ł	3 1		Cellinate M	9986. 04264	
-	-1980		2000	İ	i		Constitution	CON LANGE	797
-	-	~ ***** /	アイエロハ フゲノ		-		11 11 0~	~ ~ ~ ~	

Form 3160-4 (April 2004)

# UNITED STATES DEPARTMENT OF THE INTERIOROCD-ARTESIA BUREAU OF LAND MANAGEMENT

WELL COMPLETION OF RECOMPLETION REPORT AND LOG

FORM APPROVED OMB NO. 1004-0137 Expires: March 31, 2007

	AAC	LL CO	IVIFLE	.110	N OK K	LOOM, L	LIION		7.11D						ase Serial No VM04473	<i>i.</i>	
la. Type	of Well	X Oil	Well [	G	s Well	Dry [	Other							6. lf	Indian, Allott	ee or Tribe l	Name
	of Comple			New \	Well 🔲	Work Over	Deep	en 🔲 Pi	ug Back		Diff.	Resvt,.	$\perp$		<del></del>		
			Othe	r											nit or CA Ag	eement Nam	ne and n
	of Operat												$\neg$ $\vdash$		1M70965 ase Name an	- Matt Ma	
	Enterpr	ises Pro	ductio	n Co	<u> </u>			12 5:	· · · · · · ·	<del></del>			_		ES RANC		87
3. Addr	ess , Box 27	eu Mis	land T	Y 70	702			3.a Phon	ie No. <i>(11</i> 2)683-2		e area	code)			PI Well No.	11 01311	_07
						accordance w	uith Endard						ㅡ	30-0	15-34277		
		•				iccoraance w	viin reaera	u requiremen	"S) F	REC	EIV	'ED			eld and Pool,	-	ory
At Su	urface SES	W 250	FSL, 1	980	FWL					*					MEDANO		
At to	p prod. inte	rval repo	rted belo	w SA	ME						167		- 1	11. Se Su	c., T., R., M.	ODC 6 T	nd ววถา
	_								OC.	U-A	VAT	esia		12. Co	ounty or Paris	sh 13. Si	<u>230, N</u> tate
At to	tal depth S	AME												EDD		NM	
14. Date	Spudded		15	Date	e T.D. Rea	ched		16. Date Completed D & A X Ready to Prod.					17. E	levations (D)	F, RKB, RT,	GL)*	
09/10	0/2005			10/	12/2005			11/15/	2005	<u>~</u>			_	3301	'GL		
18. Total	Depth: N		340'		19. I	Plug Back T.I						Plug S	•				
		VD	Maskan	· ·	(S	Submit copy of	TVD	<del>~</del>	<del></del>	22				<del></del> _	TVD	·	
GR-C	NL-LDT	; GR-A	IT	icai L	ogs Kun (3	оприн сору с	oi each)			22.		well core	F	JNo No		ubmit analys Ibmit analysi	
										ŀ		ctional S				s (Submit co	
23. Casir	g and Line	r Record	(Report	all str	ings set in	well)			,							<del></del>	
Hole Size	Size/Gr	ade   W	/t. (#/fl.)	T	op (MD)	Bottom (N	AID) Stag	c Cementer Depth	No. o	of Sks.			y Vol. 3L)	Cei	ment Top*	Amoun	nt Pulled
14-3/4"	11-3/4	42	.#	0		617'			270			(2.		0'	<del></del>	<del> </del>	
11"	8-5/8"	32		0		3946'			1020					0'		<del>                                     </del>	
7-7/8"	5-1/2"	20	#			11324'			2000					272	BY TS		
	ļ			ļ		<del> </del>			ļ					ļ	<del></del>	<u> </u>	
	<del></del>		<del>-</del>			<del> </del>								<del> </del>		<del> </del>	
24. Tubir	ng Record			<b>1</b>		1			L					L	<del></del>	<u> </u>	
Size		h Set (M	D) Pac	ker D	epth (MD)	Size	Dep	th Set (MD)	Packer 1	Depth	(MD)		Size	D	epth Set (MI	D) Packer	Depth (
		·															
25. Produ	cing Interv						26.	Perforation		<u> </u>							
NBONI	Formatic E SPRIN	G G	-	1,002	op '	Bottom 11,016'	111	Perforated 1 002' - 11,0			0.47	Size In	No. 14	Holes	PRODU	Perf. Status	<u>s</u>
B) WOL		<u> </u>				11,210'		11,200' - 11,210'		0.470			10		PRODUCING		
<u>c)</u>																	
D)																	
	Fracture, T Depth Inte		Cement	Sqee	ze, Etc.				nount ar	od Tue	e of h	Antorial					
	2' - 11,21			082	BBLS	MEDALLIC	ON 3000						4 000	# 20/	40 VERSA	DDOD	
			_	-, <u>-</u>			011 3000	171,23	11 2017	00,		111 . 0	7,070	11 20/-	TO VERSE	IIKOI	
28. Produ Date First Produced	rction - Inte	Hours	Test		Oil BBL	Gas	Water	Oil Gravi	tv	Ga	<u>.</u>	I Pro	duction	Method			
	Date	Tested	Produ	ction	1	Gas MCF	Water BBL	Oil Gravi Corr. AP	ľ	Gra	s avity						
1 1/15/05 Choice	11/29/0: Tbg. Press.		24 Hr		137 Oil	246 Gas	98 Water	Gas : Oil		- We	:11 Statu	<u>  [1]</u>	JOW)S	(FRC	MWELL	OR REC	<u> JUKL</u>
Choice Size	Flwg.	Press.	24 Hr Rate		Oil BBL	Gas MCF	BBL	Ratio				•					
16/64"	SI N/A				137	246	98	L		FC	<u>ow</u>		_ _		757 1	4	
Date First	Test	Hours Tested	Test		Oil BBL	Gas MCF	Water	Oil Gravi Corr. AP	ty	Gas	s avity	Pro	duction	Method	<u> </u>	·	-1-
Produced 11/15/05	Date 11/20/04	Ī	Produ	ction	137	1	BBL 98	Corr. AP	l	Gra	avity			Ŀ.		NOVEV	
Choke Size	Tbg. Press	Csg. Press.	24 Hr	_	Oil BBL	Gas MCF	Water	Gas : Oil		We	Il Statu		TOMS		M WELL		<del>ER</del>
Size 16/64"	Flwg. SI N/A	ſ	Rate		1	ì	BBL	Ratio		1			L				
1	tions and spe	1	lditional a	lata on	137 page 2)	246	98			IFC	<u>w</u>				<del></del>		

28b. Produc	tion - Inter	val C	· · · · · · · · · · · · · · · · · · ·	····				· · · · · · · · · · · · · · · · · · ·	,	{				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	,				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status						
28c. Produc		val D								·				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity Production Method						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status						
29. Dispo	osition of G	as (Sold,	used for fue	, vented,		1.2.16		_ <b>I</b>		····				
		ous Zones	(Include Aq	uifers):				31. Form	ation (Log) Markers					
tests, i							and all drill-stem g and shut-in pressure	s	. · · · <del>·</del>					
Forma	ation	Тор	Bottom		Desc	criptions, Cor	itents, etc.		Name	Тор				
					······			<del></del>		Meas. Dept				
								T/RUST	LER	270'				
								T/SALT		620'				
		` مصرد						B/SALT		3710'				
								T/DELA	WARE MTN GROUP	3940'				
		•		İ										
								ĺ						
								1						
				1										
· · ·								-						
32 Additio	nal remark	rs (include	plugging pr	ocedure).	······································	<del></del>	<del>;</del>	1		<u> </u>				
			G IN CAS	•										
									•					
					·									
33. Indicate	e which itn	nes have b	een attached	by placir	ng a check in	the appropris	ate boxes:							
Elec	ctrical/Med	hanical Lo	ogs (1 full se	t req'd.)		Geological Re	port DST Re	port 🗀	Directional Survey					
Sun	ndry Notice	for plugg	ing and cem	ent verific	cation 🔲 (	Core Analysis	Other		•					
34. I hereby	y certify tha	at the fore	going and at	tached in	formation is	complete and	correct as determined	from all ava	lable records (see attached inst	ructions)*				
Name (	nlease nrin	a) Cindi	Goodman				Title Produc	rtion Clerk						
AUTHE (	picase prin	/ <u></u>	Coomia		1		Tibe Floate	Title Production Clerk ACTIVO						
Signature		inie	ender / has no 12						1/2005					
				Y			Date	1/2003	. and the					
Title 18 U.S	S.C. Section	n 101 and	Title 43 U.S	S.C. Section	on 1212, mal	ke it a crime t		1/2005	and the light of t	or agency of the				