

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
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, NM 87505

Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator name and Address Bass Enterprises Production Co. P.O. Box 2760 Midland, TX 79702-2760		² OGRID Number 001801
		³ API Number 30-0 25-34284
⁴ Property Code 22371	⁵ Property Name Monteith C	⁶ Well No. 1

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
B	13	16S	36E		660	North	1830	East	Lea

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
B	13	16S	36E		607	North	2454	East	Lea

⁹ Proposed Pool 1

Lovington, NE (Penn) Field

¹⁰ Proposed Pool 2

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3857.9
¹⁶ Multiple No	¹⁷ Proposed Depth 11,451' TVD	¹⁸ Formation Strawn	¹⁹ Contractor Lakota Rig 3	²⁰ Spud Date 4/28/98

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14-3/4"	11-3/4"	42#	343'	250 sx	Surface
11"	8-5/8"	28 & 32 #	4926'	1725 sx	Surface
7-7/8" orig hole	None	---	11,472' MD	150 & 300 *	11,405'
7-7/8" ST	5-1/2"	17#	11,731' MD	1170	3300'

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary

* Vertical hole drilled to 11,472' & electric logged. 7-7/8" open hole plugged back with 2 cement plugs; btm plug 11,470'-11,000', top plug 10,950'-11,405'. Kicked off and began sidetracking hole @ 10,576'. Directionally controlled to target above with PTD at 11,451' TVD, 11,731' MD.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *William R. Dannels*

Printed name: William R. Dannels

Title: Division Drilling Supt. (915) 683-2277

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY

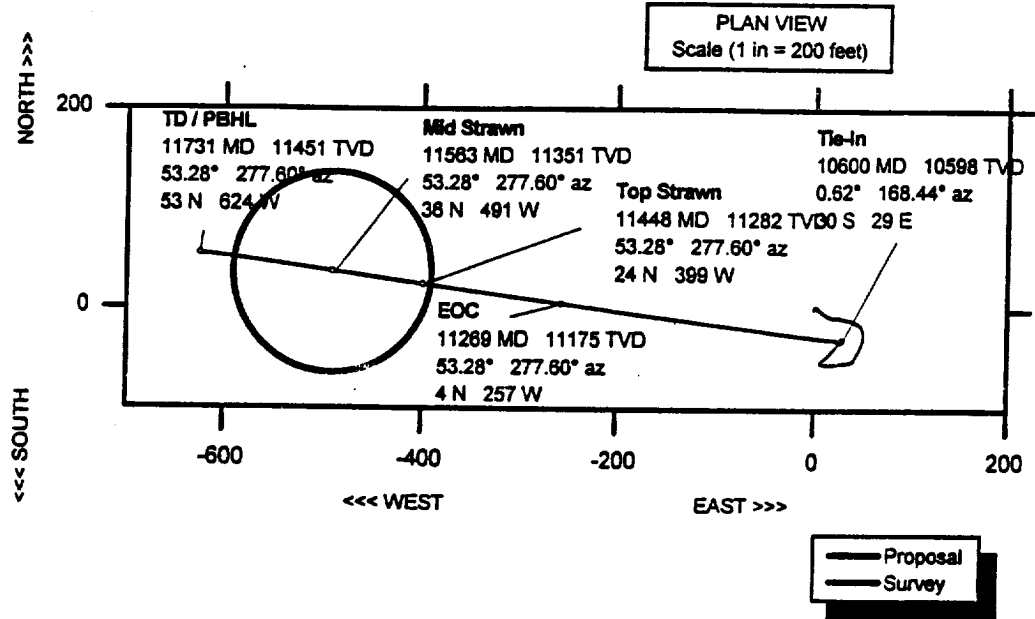
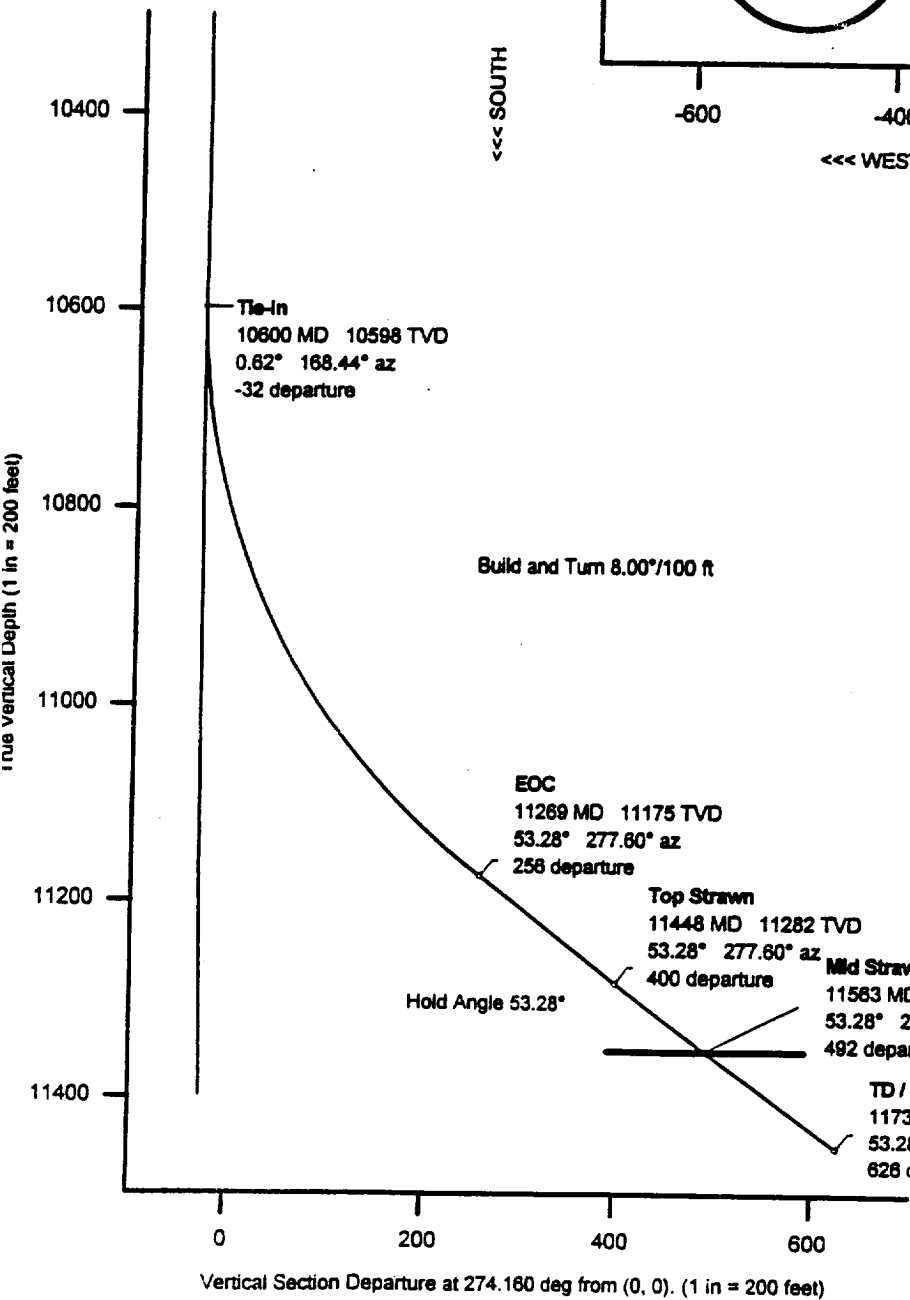
Title: GARY WINK

Approval Date: SEP 15 1998 Expiration Date:



Grid North
 Tot Corr (E 8.45°)
 Mag Dec (E 9.01°)
 Grid Conv (E 0.56°)

Vertical Section View



From(ft)	To(ft)	Action
10600	11269	Curve 8.00°/100ft From inc 0.62° to 53.28° From Az 168.44° to 277.60° From 10598 ft TVD to 11175 ft TVD
11269	11731	Drill Tangent to TD Hold on inc 53.28° Hold on Az 277.60° From 11175 ft TVD to 11451 ft TVD

Anadrill Quality Control
 Date: 04 Jun 98
 Drawn by: K Sullivan
 Checked by: _____
 Client OK: _____

Proposed Well Profile

Client : Bass Enterprises Prod. Co. Field : Lea County, NM Structure : Bass Enterprises Prod. Co. Well : Monteith "C" #1 Borehole : New Borehole API # : Date : June 04, 1998 Grid Convergence Angle : 0.55914217° Scale Factor : 1.00002315 Location : N 32 55 39.475, W 103 18 17.215 Coordinate System : NAD27 New Mexico State Planes, Eastern Zone, US Feet	Survey Computation Method : Minimum Curvature DLS Computation Method : Lubinski Vertical Section Azimuth : 274.160° Vertical Section Origin : N 0.000 ft, E 0.000 ft TVD Reference : Magnetic Declination : 9.005° Total Field Strength : 50454.721 nT Dip : 61.253° Declination Date : June 03, 1998 Magnetic Declination Model : BGS North Reference : Grid North Coordinate Reference To : Well Head
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Station ID	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	VSec (ft)	N/S (ft)	E/W (ft)	Closure (ft)	at Azim (°)	DLS (°/100ft)	TF (°)
Tie-In	10600.00	0.62	168.4	10598.10	-31.53	-29.98	29.43	42.01	135.53	0.00	-82.4MTF
	10700.00	7.81	273.8	10697.79	-24.86	-30.06	22.74	37.70	142.89	8.00	4.3
	10800.00	15.80	276.0	10795.60	-4.42	-28.20	2.39	28.30	175.16	8.00	2.1
	10900.00	23.80	276.7	10889.61	29.40	-24.42	-31.25	39.66	232.00	8.00	1.4
	11000.00	31.80	277.1	10978.00	75.94	-18.80	-77.51	79.75	256.37	8.00	1.1
	11100.00	39.80	277.3	11059.04	134.30	-11.45	-135.49	135.97	265.17	8.00	0.9
	11200.00	47.79	277.5	11131.17	203.34	-2.51	-204.06	204.07	269.29	8.00	0.8
EOC	11268.62	53.28	277.6	11174.76	256.21	4.45	-256.56	256.60	270.99	8.00	0.0
Top Strawn	11448.33	53.28	277.6	11282.20	400.00	23.50	-399.35	400.04	273.37	0.00	0.0
Mid Strawn	11563.41	53.28	277.6	11351.00	492.09	35.70	-490.79	492.09	274.16	0.00	0.0
TD / PBHL	11730.68	53.28	277.6	11451.00	625.93	53.43	-623.70	625.98	274.90	0.00	0.0

DISTRICT I
Box 1950, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-025-34284	40760	N E Lovington Penn.
Property Code	Property Name	Well Number
	MONTEITH "C"	1
OGRID No.	Operator Name	Elevation
001801	BASS ENTERPRISES PROD. CO.	3858'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	13	16 S	36 E		660	NORTH	1830	EAST	LEA

Bottom Hole Location If Different From Surface

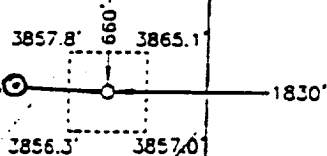
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	13	16S	36E		630.5'	North	2318'	East	Lea

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
80	N*		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

*SEE NO. 22 #4
PROPOSAL STATEMENT

Bottom Hole Location
(Projected)
491.2' @ 273.4° Az



OPERATOR CERTIFICATION

I hereby certify the the information
contains herein is true and complete to the
best of my knowledge and belief

William R. Dannels
Signature

William R. Dannels
Printed Name

Division Dir. Supt.
Title

1-27-98
Date

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

December 15, 1997

Date Surveyed
Signature & Seal of
Professional Surveyor

W.A. No. 7751A

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

STATE "LCC"



12215

12

FORAN OIL
STATE "12-AA"



11930

**MATADOR PETROLEUM (Oper.)
RIO PECOS CORP.**

YATES

First Sidetrack TD

TRACT 2

319.7'

630.5'

660'

SL

BEPCO
BASS "13" ST

1830'



11510

Area of Orthodox Location

BEPCO
MONTEITH "C"

TRACT 3

TRACT 1

TRACT 4

BEPCO
MONTEITH "A" #1



11475

BLANKS ENERGY
PENNZOIL



11475

80 Acres

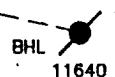
13

TRACT 5

SL

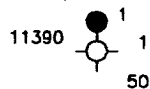
BEPCO
MONTEITH "B"

TRACT 6



BHL
11640

BEPCO
MONTEITH



11390
5065

WAINOCO O&G
VERDE GRANDE
AZTEC STATE COM



11375
3

16S-36E

YATES PET
TREASURE "TE" STATE
11500



MONTEREY OIL
LOVINGTON UNIT



12-24



Bass Enterprises Production Co.

**MONTEITH PROSPECT
Lea County, New Mexico**

SE Lovington Area

LAND PLAT

DATE:	7-14-98	SCALE:	1" = 1000'
DEPT:	Land	INTER. BY:	W. Carlin
		FILE:	Monteith C-1.dwg
		DRAFTED BY:	P. Ortiz

N.M.O.C.D. Case 12010
Bass Enterprises Prod. Co.
Exhibit No.
July 23, 1998