

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
March 4, 2004

District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

RECEIVED

JUN 15 2004

☐ AMENDED REPORT

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

¹ Operator Name and Address Bass Enterprises Production Co. P. O. Box 2760 Midland, TX 79702		² OGRID Number 001801
³ Property Code 1775		⁴ API Number 30-015-23473
⁵ Property Name BIG EDDY		⁶ Well No. 70

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Westline	County
B	26	21S	28E		660	NORTH	1980	EAST	EDDY

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/Westline	County
Four laterals: See Section 22 below for lateral Bottom Hole Locations									
⁹ Proposed Pool 1 MORROW					¹⁰ Proposed Pool 2				

Drilling Pit Location and Other Information

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Westline	County
B	26	21S	28E		660	NORTH	1980	EAST	EDDY
Depth to ground water 41			Distance from nearest fresh water well 2.8 MILES			Distance from nearest surface water 6 MILES			
¹¹ Work Type Code E		¹² Well Type Code G		¹³ Cable/Rotary R		¹⁴ Lease Type Code F		¹⁵ Ground Level Elevation 3219'	
¹⁶ Multiple N		¹⁷ Proposed Depth 12,500' TVD		¹⁸ Formation MORROW		¹⁹ Contractor KEY OR BASIC		²⁰ Spud Date 07/01/2004	


²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
4 3/4"	N/A	N/A	N/A	N/A	N/A/

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.

Well currently TA'd in the Atoka 3-15-95. Propose to re-enter well and drill four laterals targeting the Morrow. BOP program attached. The four lateral Bottom Hole Locations are as follows: 1). UL K, Sec 23, T21S, R28E 1601' FSL & 2113' FWL 2). UL E, Sec 26, T21S, R28E 1370' FNL & 936' FWL 3). UL I, Sec 26, T21S, R28E 2489' FSL & 791' FEL 4). UL I, Sec 23, T21S, R28E 1572' FSL & 700' FEL. Proposed laterals TVD = 12,500'; MD = 14,500'.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Signature: 

Printed name: Cindi Goodman

Title: Production Clerk

E-mail Address: cdgoodman@basspet.com

Date: 06/09/2004

Phone: (432)683-2277

OIL CONSERVATION DIVISION

Approved by:

TIM W. GUM
DISTRICT II SUPERVISOR

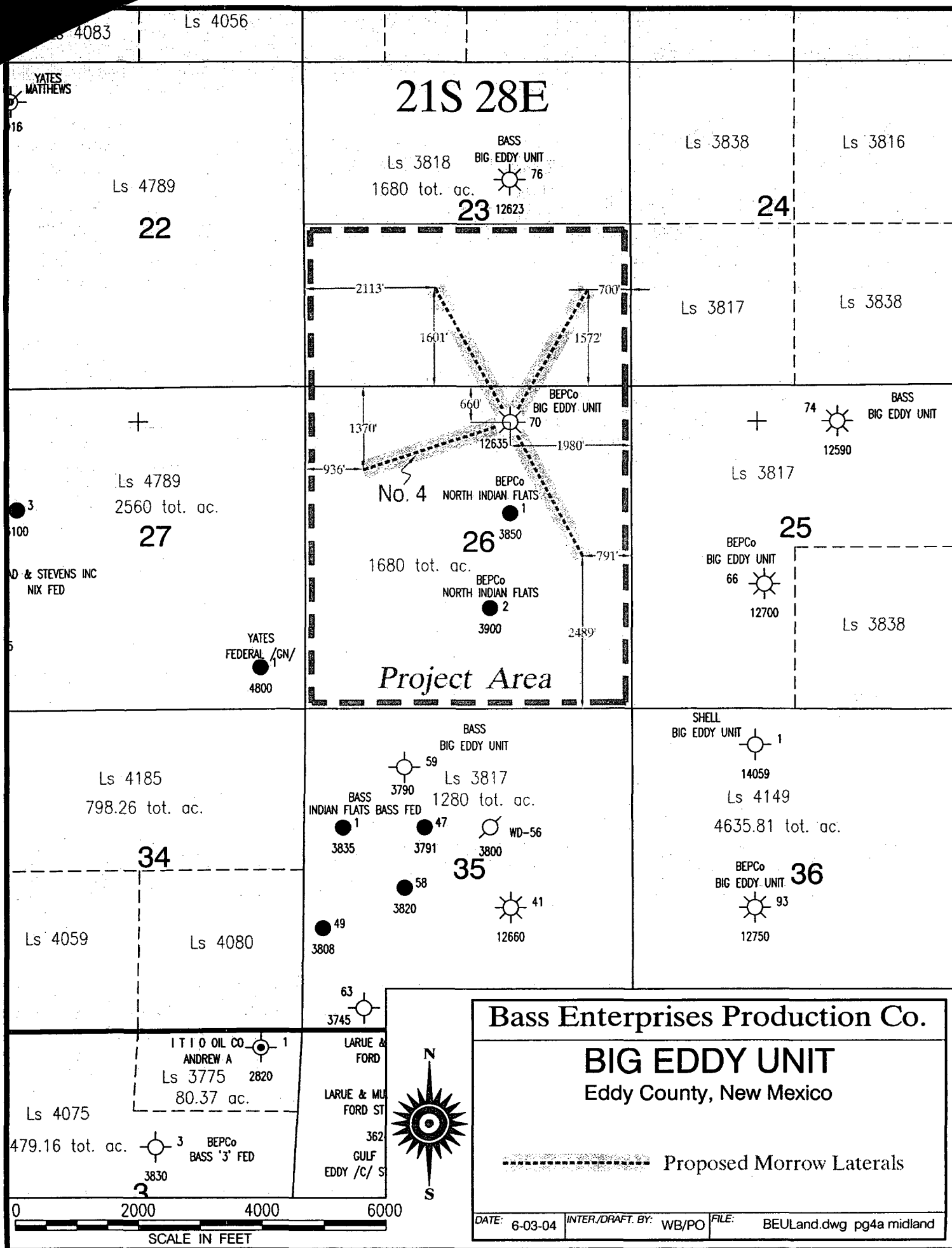
Title:

Approval Date: MAY 24 2005

Expiration Date: MAY 24 2006

Conditions of Approval: For Directional Drilled

Attached ☐ well only
Federal Well



BASIN SURVEY

French Dr., Hobbs, NM 88240
DISTRICT II
811 South First, Artesia, NM 88210

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

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

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-23473	Pool Code 79080	Pool Name INDIAN FLATS (MORROW)
Property Code 1775	Property Name BIG EDDY	Well Number 70
OGRID No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3224'

Surface Location

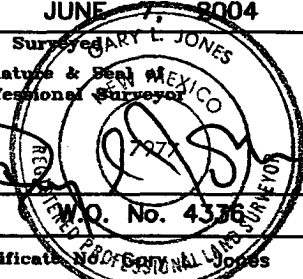
UL or lot No. B	Section 26	Township 21 S	Range 28 E	Lot Idn	Feet from the 666	North/South line NORTH	Feet from the 1970	East/West line EAST	County EDDY
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Bottom Hole Location If Different From Surface

UL or lot No. K	Section 23	Township 21 S	Range 28 E	Lot Idn	Feet from the 1601'	North/South line SOUTH	Feet from the 2113'	East/West line WEST	County EDDY
Dedicated Acres 241.36	Joint or Infill	Consolidation Code	Order No.						

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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>William R. Dannels</u> Signature</p> <p>W.R. DANNELS Printed Name</p> <p>DIVISION DRILLING SUPT. Title</p> <p>6/10/04 Date</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JUNE 7, 2004 Date Surveyed</p> <p><u>[Signature]</u> Signature of Registered Professional Surveyor</p> <p>NEW MEXICO W.O. No. 4336</p> <p>Certificate No. Gary L. Jones 7977</p> <p>JLP BASIN SURVEYS</p>
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<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p>161.02 AC. GLO</p> </div> <div style="text-align: center;"> <p>23</p> </div> <div style="text-align: center;"> <p>161.02 AC. GLO</p> </div> </div> <div style="text-align: center; margin-top: 20px;"> <p>LAT - N32°27'46.6" LONG - W104°03'03.2"</p> </div> <div style="text-align: center; margin-top: 20px;"> <p>B.H.</p> </div> <div style="text-align: center; margin-top: 20px;"> <p>700'</p> </div> <div style="text-align: center; margin-top: 20px;"> <p>1572'</p> </div> <div style="text-align: center; margin-top: 20px;"> <p>2567.6'</p> </div> <div style="text-align: center; margin-top: 20px;"> <p>3220.7'</p> </div> <div style="text-align: center; margin-top: 20px;"> <p>3228.9'</p> </div> <div style="text-align: center; margin-top: 20px;"> <p>1970'</p> </div> <div style="text-align: center; margin-top: 20px;"> <p>3224.3'</p> </div> <div style="text-align: center; margin-top: 20px;"> <p>3221.5'</p> </div> <div style="text-align: center; margin-top: 20px;"> <p>LAT - N32°27'24.3" LONG - W104°03'18.1"</p> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="text-align: center;"> <p>161.09 AC. GLO</p> </div> <div style="text-align: center;"> <p>26</p> </div> <div style="text-align: center;"> <p>160.95 AC. GLO</p> </div> </div>	<div style="text-align: center; margin-bottom: 10px;"> <p>OPERATOR CERTIFICATION</p> </div> <p style="font-size: small; text-align: center;">I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <div style="margin-top: 10px;"> <p style="font-size: large; font-family: cursive;">William R. Dannels</p> <p>Signature</p> </div> <div style="margin-top: 10px;"> <p>W.R. DANNELS</p> <p>Printed Name</p> </div> <div style="margin-top: 10px;"> <p>DIVISION DRILLING SUPT.</p> <p>Title</p> </div> <div style="margin-top: 10px;"> <p>6/10/04</p> <p>Date</p> </div> <div style="text-align: center; margin-top: 20px;"> <p>SURVEYOR CERTIFICATION</p> </div> <p style="font-size: small; text-align: center;">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.</p> <div style="text-align: center; margin-top: 10px;"> <p>JUNE 7, 2004</p> </div> <div style="margin-top: 10px;"> <p>Date Surveyed</p> </div> <div style="margin-top: 10px;"> <p>GARY L. JONES</p> <p>Signature & Seal of Professional Surveyor</p> </div> <div style="text-align: center; margin-top: 10px;">  </div> <div style="margin-top: 10px;"> <p>W.O. No. 4336</p> </div> <div style="margin-top: 10px;"> <p>Certificate No. 1806</p> </div> <div style="margin-top: 10px;"> <p>JLP</p> </div> <div style="text-align: center; margin-top: 10px;"> <p>BASIN SURVEYS</p> </div>
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DISTRICT II
811 South First, Artesia, NM 88210

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

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B	26	21 S	28 E		666	NORTH	1970	EAST	EDDY

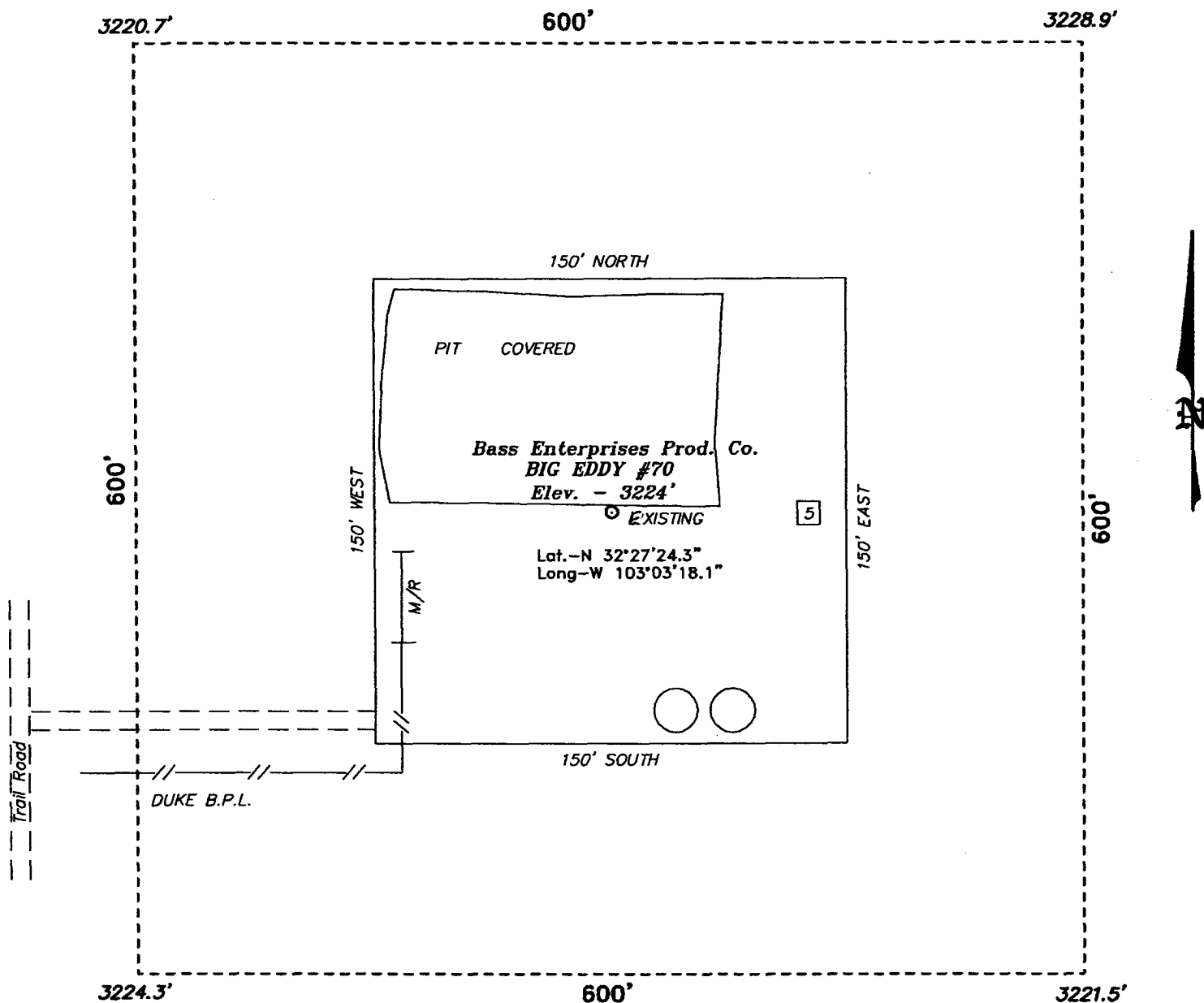
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	26	21 S	28 E		2489'	SOUTH	791'	EAST	EDDY
Dedicated Acres		Joint or Infill		Consolidation Code		Order No.			
241.36									

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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

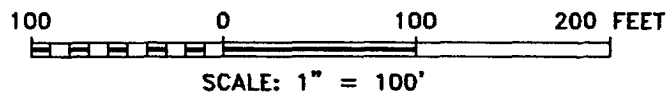
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SURVEYOR CERTIFICATION	
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**SECTION 26, TOWNSHIP 21 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.**



DIRECTIONS TO LOCATION:

FROM THE JUNCTION OF U.S.A. HWY. 62-180 AND
EDDY CO. 603A GO SOUTHWEST ON 62 APPROX. 0.3
MILES TO A LEASE ROAD SOUTHEAST 4.1 MILES THEN
EAST, 1.4 MILES, THEN NORTH 1.3 MILES, THEN WEST
0.2 MILES, THEN NORTH TO LOCATION.



BASS ENTERPRISES PRODUCTION CO.

REF: BIG EDDY NO. 70 / Well Pad Topo

THE BIG EDDY No. 70 LOCATED 666' FROM
THE NORTH LINE AND 1970' FROM THE EAST LINE OF
SECTION 26, TOWNSHIP 21 SOUTH, RANGE 28 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

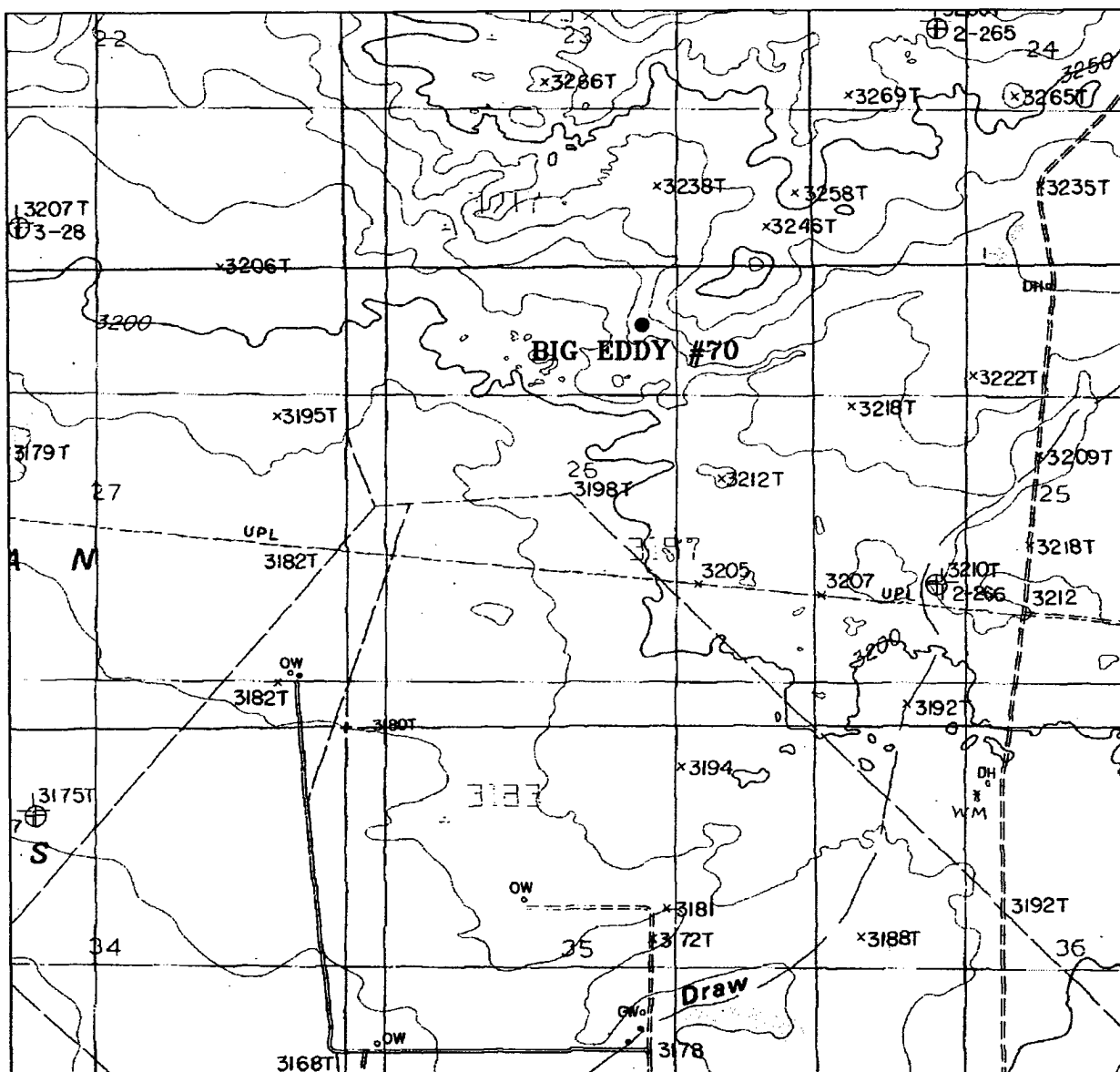
BASIN SURVEYS P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 4336

Date: 06-09-04

Survey Date: 06-07-2004

Sheet 1 of 1 Sheets



BIG EDDY #70

Located at 666' FNL and 1970' FEL
Section 26, Township 21 South, Range 28 East,
N.M.P.M., Eddy County, New Mexico.

**basin
surveys**

focused on excellence
in the oilfield

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

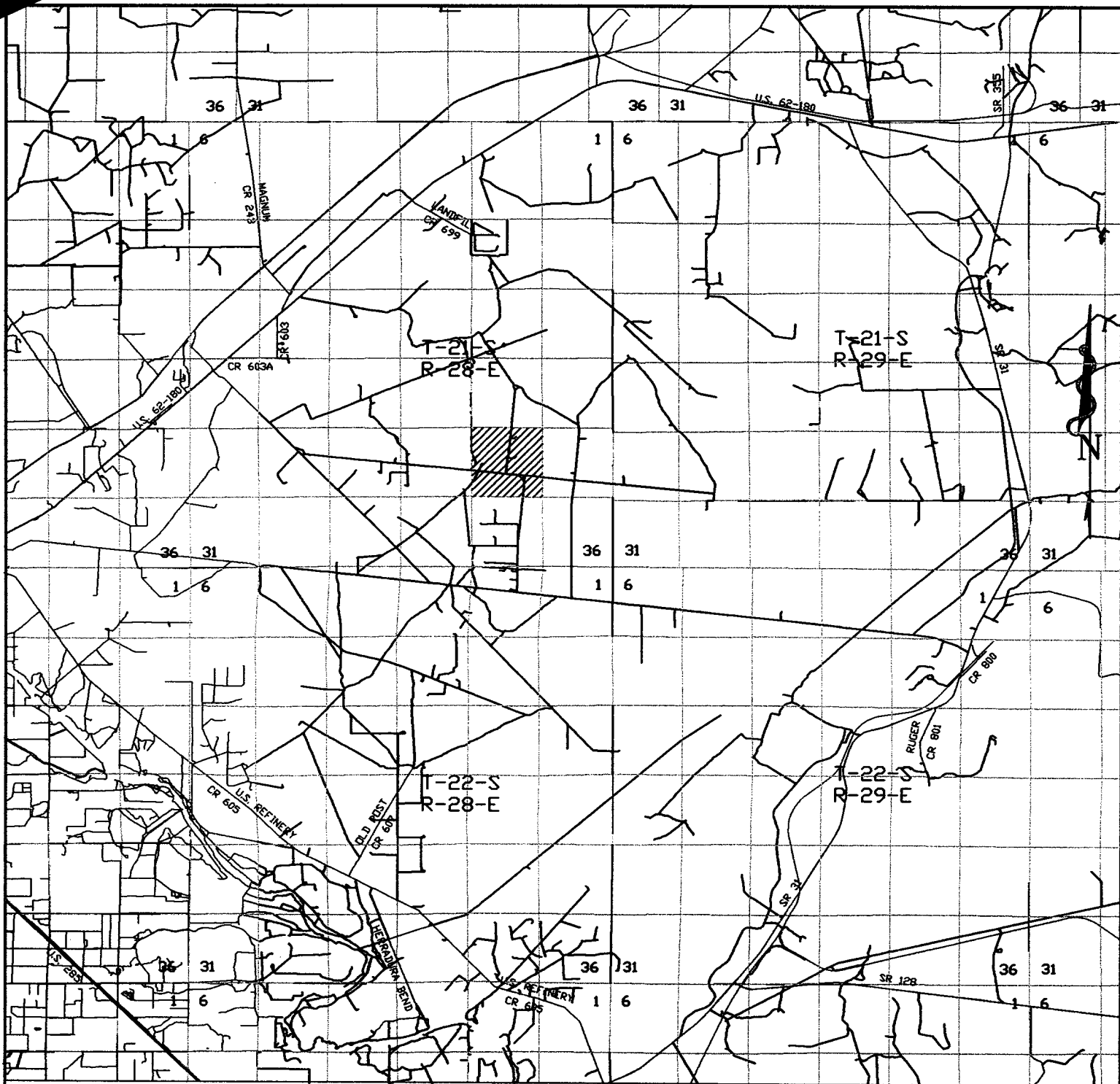
W.O. Number: 4336AA - JLP #1

Survey Date: 06/07/04

Scale: 1" = 2000'

Date: 06/09/04

**BASS ENTERPRISES
PRODUCTION CO.**



BIG EDDY #70

Located at 666' FNL and 1970' FEL
Section 26, Township 21 South, Range 28 East,
N.M.P.M., Eddy County, New Mexico.

**basin
surveys**

focused on excellence
in the oilfield

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: 4336AA - JLP #1

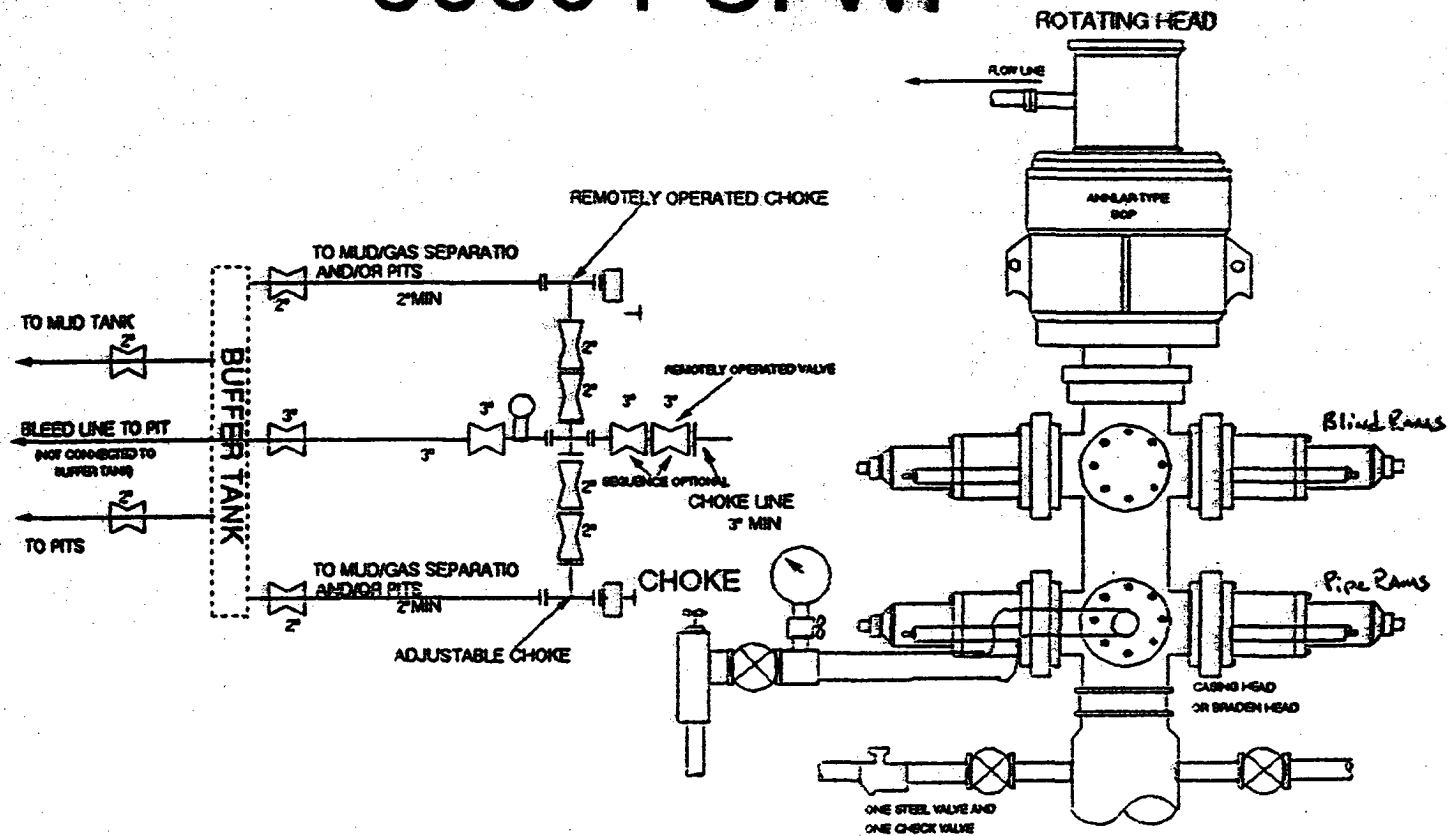
Survey Date: 06/07/04

Scale: 1" = 2000'

Date: 06/09/04

**BASS ENTERPRISES
PRODUCTION CO.**

5000 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.

DIAGRAM 1