

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 96649	Pool Name NORTHEAST SHOE BAR (STRAWN)
Property Code 25994	Property Name CHAMBERS	Well Number 2
OGRID No. 25797	Operator Name PERMIAN RESOURCES, INC.	Elevation 3944

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	7	16 S	36 E		1038	SOUTH	802	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
O	7	16 S	36 E		950	SOUTH	1500	EAST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

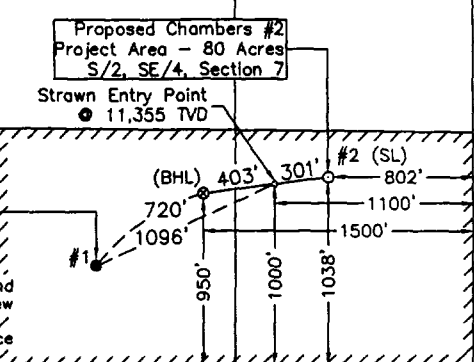
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

Coordinate Table <table border="1"><thead><tr><th>Description</th><th>Plane Coordinate</th></tr></thead><tbody><tr><td>Chambers #2</td><td>X = 790,127</td></tr><tr><td>Surface Location</td><td>Y = 704,094</td></tr><tr><td>Chambers #2</td><td>X = 789,829</td></tr><tr><td>Strawn Entry Point</td><td>Y = 704,052</td></tr><tr><td>Chambers #2</td><td>X = 789,430</td></tr><tr><td>Bottom Hole Location</td><td>Y = 703,996</td></tr></tbody></table>		Description	Plane Coordinate	Chambers #2	X = 790,127	Surface Location	Y = 704,094	Chambers #2	X = 789,829	Strawn Entry Point	Y = 704,052	Chambers #2	X = 789,430	Bottom Hole Location	Y = 703,996
		Description	Plane Coordinate												
Chambers #2	X = 790,127														
Surface Location	Y = 704,094														
Chambers #2	X = 789,829														
Strawn Entry Point	Y = 704,052														
Chambers #2	X = 789,430														
Bottom Hole Location	Y = 703,996														

Proposed Chambers #2
Project Area - 80 Acres
S/2, SE/4, Section 7

Strawn Entry Point
● 11,355 TVD

Existing PRI-Chambers #1
555' FSL & 2099' FEL
North Shoe Bar (Wolfcamp)
160 Acres PU
SE/4, Section 7

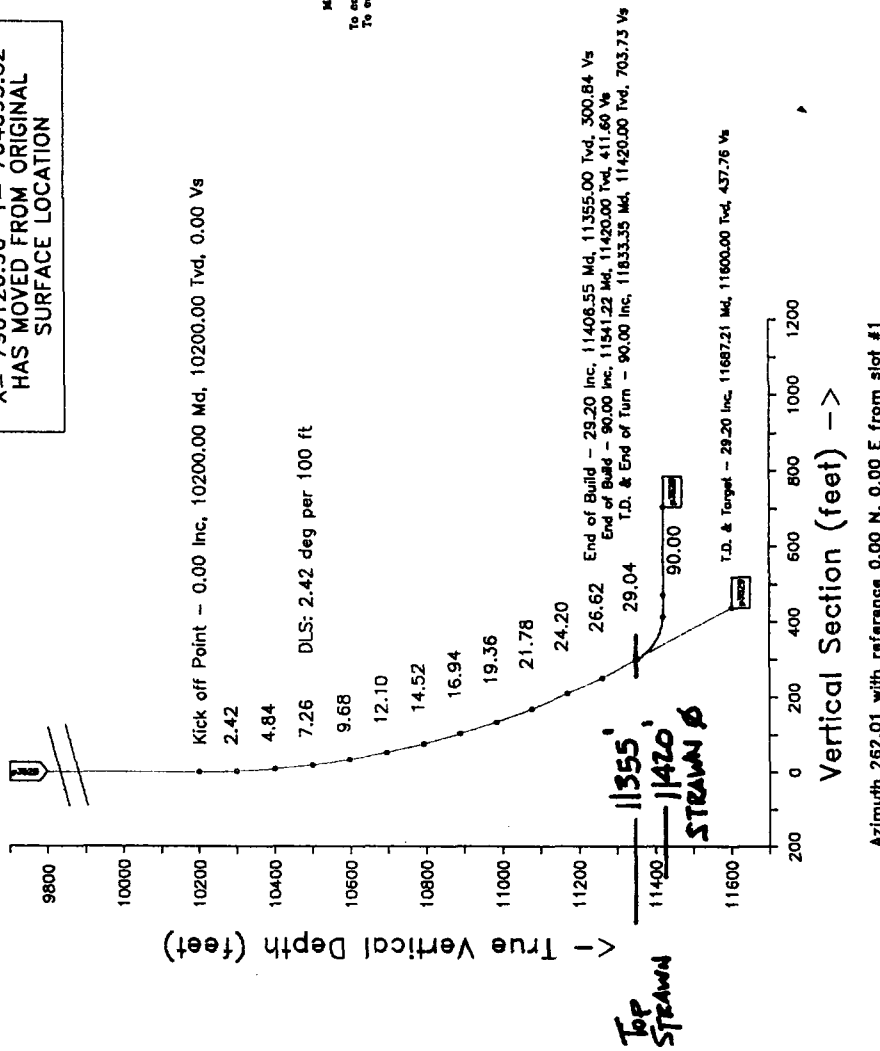


Permian Resources, Inc.
NMOCD Case #12953
October 24, 2002
Exhibit No. 1C

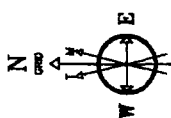
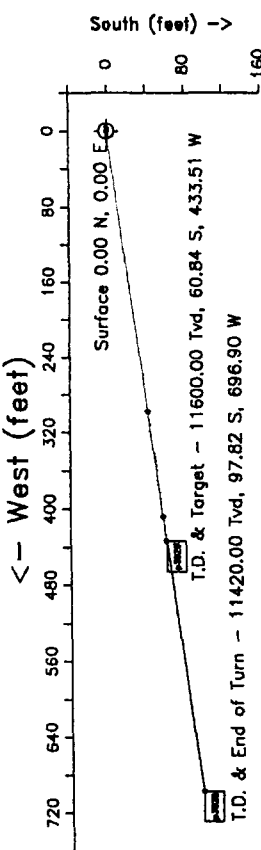
PERMIAN RESOURCES

Structure : CHAMBERS NO. 2									
Field : UNKNOWN									
Location : LEA COUNTY, NEW MEXICO									
Slot : slot #1									
WELL PROFILE DATA									
Point	Md	Inc	Dir	Tvd	North	East	V. Sect	Dep/100	
Top on	0.00	0.00	262.01	0.00	0.00	0.00	0.00	0.00	
End of Hole	10200.00	0.00	262.01	10200.00	0.00	0.00	0.00	0.00	
End of Build	11406.54	29.20	262.01	11355.00	-41.81	-297.90	300.82	2.42	
End of Build	11541.22	90.00	262.01	11420.00	-57.21	-407.51	411.60	48.15	
T.D. & End of Turn	11633.35	90.00	262.01	11420.00	-97.82	-696.90	703.73	0.00	

SURFACE LOCATION
X= 790126.90 Y= 704093.82
HAS MOVED FROM ORIGINAL
SURFACE LOCATION



Azimuth 262.01 with reference 0.00 N, 0.00 E from slot #1



Magazette North is 0.00 degrees East of True North
To correct azimuth from True to CHD subtract 0.01 deg
To correct azimuth from Magazette to CHD add 0.01 deg

PROPOSED BHL
703.73' ON AZI 262.01 DEGS
FROM SURFACE LOCATION
M.D: 11833.35' T.V.D: 11420.00'
S- 97.82' W- 696.90'
X= 789430.0 Y= 703996.0

- PILOT HOLE -
PROPOSED BHL
437.76' ON AZI 262.01 DEGS
FROM SURFACE LOCATION
M.D: 11687.21' T.V.D: 11600.00'
S- 60.84' W- 433.51'
X= 789693.39 Y= 704032.98



INTEQ

Credited By Kellym
Date plotted : 22-Oct-2002
Plot Reference is PO 20J LAT RH.
Coordinates are in feet reference slot #1.
True Vertical Depths are reference rotary table.
cham2pp
---- Baker Hughes INTEQ ----

PERMIAN RESOURCES
CHAMBERS NO. 2

slot #1
UNKNOWN
LEA COUNTY, NEW MEXICO

P R O P O S A L L I S T I N G

by
Baker Hughes INTEQ

Your ref : Pilot Hole
Our ref : prop3529
License :

Date printed : 22-Oct-2002
Date created : 22-Oct-2002
Last revised : 22-Oct-2002

Field is centred on n33 30 0.000,w103 30 0
Structure is centred on 790126.900,704093.820,999.00000,N

Slot location is n32 55 55.385,w103 23 15.906
Slot Grid coordinates are N 704093.820, E 790126.900
Slot local coordinates are 0.00 N 0.00 E

Projection type: mercator - New Mexico East (3001), Spheroid: Clarke - 1866

Reference North is Grid North

PERMIAN RESOURCES
CHAMBERS NO. 2, slot #1
UNKNOWN, LEA COUNTY, NEW MEXICO

PROPOSAL LISTING Page 1
Your ref : Pilot Hole
Last revised : 22-Oct-2002

Measured Depth	Inclin Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100ft	Vert Sect	G R I D Easting	C O O R D S Northing
0.00	0.00	262.01	0.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
500.00	0.00	262.01	500.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
1000.00	0.00	262.01	1000.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
1500.00	0.00	262.01	1500.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
2000.00	0.00	262.01	2000.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
2500.00	0.00	262.01	2500.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
3000.00	0.00	262.01	3000.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
3500.00	0.00	262.01	3500.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
4000.00	0.00	262.01	4000.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
4500.00	0.00	262.01	4500.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
5000.00	0.00	262.01	5000.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
5500.00	0.00	262.01	5500.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
6000.00	0.00	262.01	6000.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
6500.00	0.00	262.01	6500.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
7000.00	0.00	262.01	7000.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
7500.00	0.00	262.01	7500.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
8000.00	0.00	262.01	8000.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
8500.00	0.00	262.01	8500.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
9000.00	0.00	262.01	9000.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
9500.00	0.00	262.01	9500.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
10000.00	0.00	262.01	10000.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
10200.00	0.00	262.01	10200.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
10300.00	2.42	262.01	10299.97	0.29S	2.09W	2.42	2.11	790124.81	704093.53
10400.00	4.84	262.01	10399.76	1.17S	8.36W	2.42	8.44	790118.54	704092.65
10500.00	7.26	262.01	10499.20	2.64S	18.80W	2.42	18.98	790108.10	704091.18
10600.00	9.68	262.01	10598.10	4.69S	33.38W	2.42	33.71	790093.52	704089.13
10700.00	12.10	262.01	10696.29	7.31S	52.09W	2.42	52.60	790074.81	704086.51
10800.00	14.52	262.01	10793.60	10.51S	74.89W	2.42	75.62	790052.01	704083.31
10900.00	16.94	262.01	10889.85	14.28S	101.73W	2.42	102.73	790025.17	704079.54
11000.00	19.36	262.01	10984.86	18.61S	132.58W	2.42	133.88	789994.32	704075.21
11100.00	21.78	262.01	11078.48	23.49S	167.37W	2.42	169.01	789959.53	704070.33
11200.00	24.20	262.01	11170.53	28.92S	206.04W	2.42	208.06	789920.86	704064.90
11300.00	26.62	262.01	11260.85	34.88S	248.53W	2.42	250.97	789878.37	704058.94
11400.00	29.04	262.01	11349.28	41.37S	294.76W	2.42	297.65	789832.14	704052.45
11406.55	29.20	262.01	<u>11355.00</u>	41.81S	297.92W	2.42	300.84	789828.98	704052.01
11500.00	29.20	262.01	11436.58	48.15S	343.07W	0.00	346.43	789783.83	704045.67
11687.21	29.20	262.01	11600.00	60.84S	433.51W	0.00	437.76	789693.39	704032.98

EST TOP STRAWN

All data in feet unless otherwise stated. Calculation uses minimum curvature method.
Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 437.76 on azimuth 262.01 degrees from wellhead.
Vertical section is from N 0.00 E 0.00 on azimuth 262.01 degrees.
Grid is mercator - New Mexico East (3001).
Grid coordinates in FEET and computed using the Clarke - 1866 spheroid
Presented by Baker Hughes INTEQ

PERMIAN RESOURCES
CHAMBERS NO. 2

slot #1
UNKNOWN
LEA COUNTY, NEW MEXICO

P R O P O S A L L I S T I N G

by
Baker Hughes INTEQ

Your ref : P0 2DJ LAT RH
Our ref : prop3528
License :

Date printed : 22-Oct-2002
Date created : 22-Oct-2002
Last revised : 22-Oct-2002

Field is centred on n33 30 0.000,w103 30 0
Structure is centred on 790126.900,704093.820,999.00000,N

Slot location is n32 55 55.385,w103 23 15.906
Slot Grid coordinates are N 704093.820, E 790126.900
Slot local coordinates are 0.00 N 0.00 E

Projection type: mercator - New Mexico East (3001). Spheroid: Clarke - 1866

Reference North is Grid North

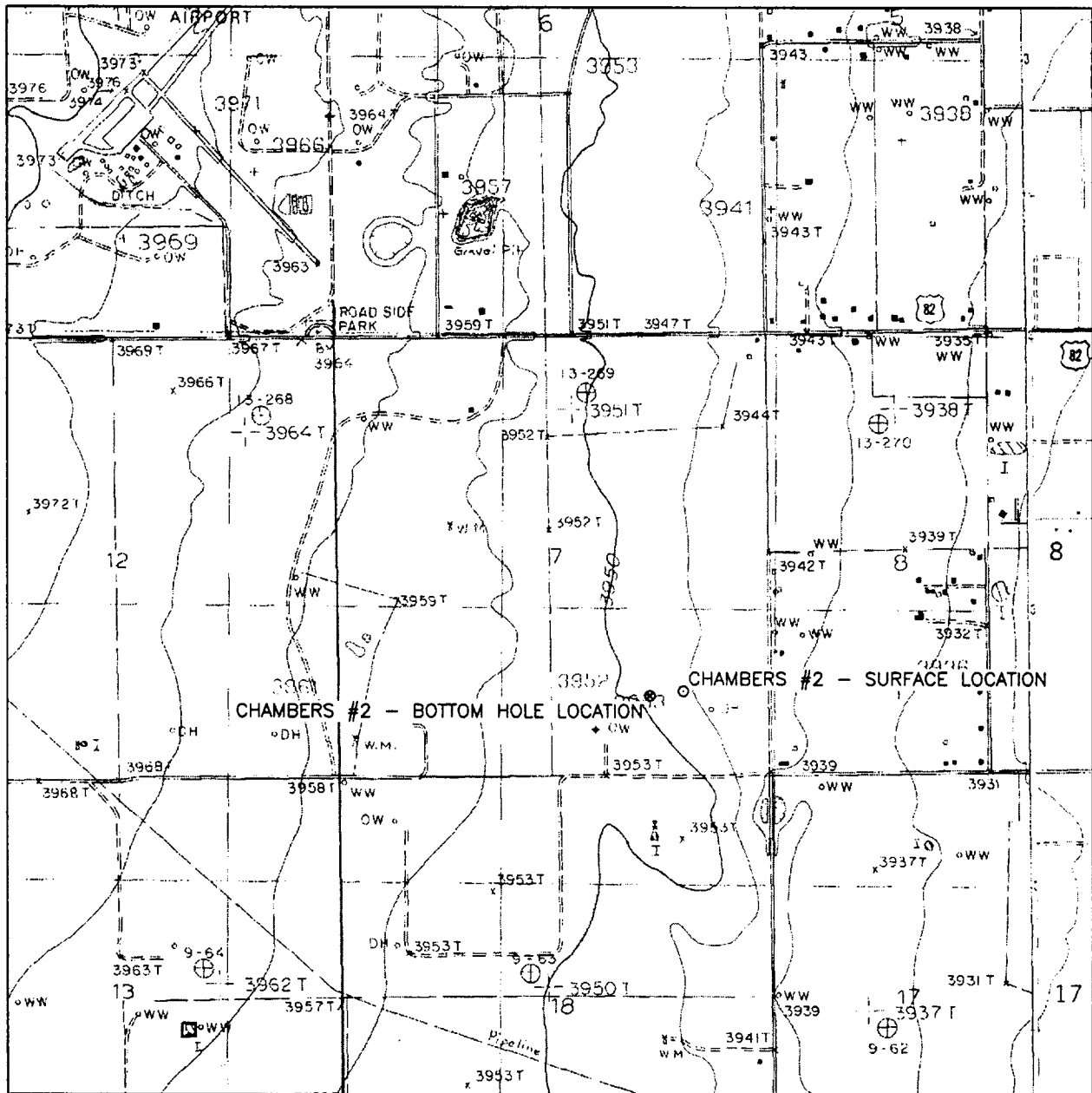
PERMIAN RESOURCES
CHAMBERS NO. 2, slot #1
UNKNOWN, LEA COUNTY, NEW MEXICO

PROPOSAL LISTING Page 1
Your ref : PO 2DJ LAT RH
Last revised : 22-Oct-2002

Measured Depth	Inclin Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100ft	Vert Sect	G R I D C O O R D S Easting Northing	
0.00	0.00	262.01	0.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
500.00	0.00	262.01	500.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
1000.00	0.00	262.01	1000.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
1500.00	0.00	262.01	1500.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
2000.00	0.00	262.01	2000.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
2500.00	0.00	262.01	2500.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
3000.00	0.00	262.01	3000.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
3500.00	0.00	262.01	3500.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
4000.00	0.00	262.01	4000.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
4500.00	0.00	262.01	4500.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
5000.00	0.00	262.01	5000.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
5500.00	0.00	262.01	5500.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
6000.00	0.00	262.01	6000.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
6500.00	0.00	262.01	6500.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
7000.00	0.00	262.01	7000.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
7500.00	0.00	262.01	7500.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
8000.00	0.00	262.01	8000.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
8500.00	0.00	262.01	8500.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
9000.00	0.00	262.01	9000.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
9500.00	0.00	262.01	9500.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
10000.00	0.00	262.01	10000.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
10200.00	0.00	262.01	10200.00	0.00N	0.00E	0.00	0.00	790126.90	704093.82
10300.00	2.42	262.01	10299.97	0.29S	2.09W	2.42	2.11	790124.81	704093.53
10400.00	4.84	262.01	10399.76	1.17S	8.36W	2.42	8.44	790118.54	704092.65
10500.00	7.26	262.01	10499.20	2.64S	18.80W	2.42	18.98	790108.10	704091.18
10600.00	9.68	262.01	10598.10	4.68S	33.38W	2.42	33.71	790093.52	704089.14
10700.00	12.10	262.01	10696.29	7.31S	52.09W	2.42	52.60	790074.81	704086.51
10800.00	14.52	262.01	10793.60	10.51S	74.88W	2.42	75.62	790052.02	704083.31
10900.00	16.94	262.01	10889.85	14.28S	101.73W	2.42	102.72	790025.17	704079.54
11000.00	19.36	262.01	10984.87	18.61S	132.57W	2.42	133.87	789994.33	704075.21
11100.00	21.78	262.01	11078.48	23.49S	167.36W	2.42	169.00	789959.54	704070.33
11200.00	24.20	262.01	11170.53	28.92S	206.03W	2.42	208.05	789920.87	704064.90
11300.00	26.62	262.01	11260.86	34.88S	248.52W	2.42	250.96	789878.38	704058.94
11400.00	29.04	262.01	11349.28	41.37S	294.75W	2.42	297.64	789832.15	704052.45
11406.54	29.20	262.01	11355.00	41.81S	297.90W	2.42	300.82	789829.00	704052.01
11441.87	45.15	262.01	11383.06	44.77S	318.97W	45.15	322.10	789807.93	704049.05
11541.22	90.00	262.01	11420.00	57.21S	407.61W	45.15	411.60	789719.29	704036.61
11600.00	90.00	262.01	11420.00	65.38S	465.82W	0.00	470.38	789661.08	704028.44
11700.00	90.00	262.01	11420.00	79.28S	564.85W	0.00	570.38	789562.05	704014.54
11800.00	90.00	262.01	11420.00	93.18S	663.88W	0.00	670.38	789463.02	704000.64
11833.35	90.00	262.01	11420.00	97.82S	696.90W	0.00	703.73	789430.00	703996.00

All data in feet unless otherwise stated. Calculation uses minimum curvature method.
Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 703.73 on azimuth 262.01 degrees from wellhead.
Vertical section is from N 0.00 E 0.00 on azimuth 262.01 degrees.
Grid is mercator - New Mexico East (3001).
Grid coordinates in FEET and computed using the Clarke - 1866 spheroid
Presented by Baker Hughes INTEQ

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 5'
LOVINGTON NW, NM

SEC. 7 TWP. 16-S RGE. 36-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1000' FSL & 1100' FEL

ELEVATION 3944

OPERATOR PERMIAN RESOURCES, INC.

LEASE CHAMBERS #2

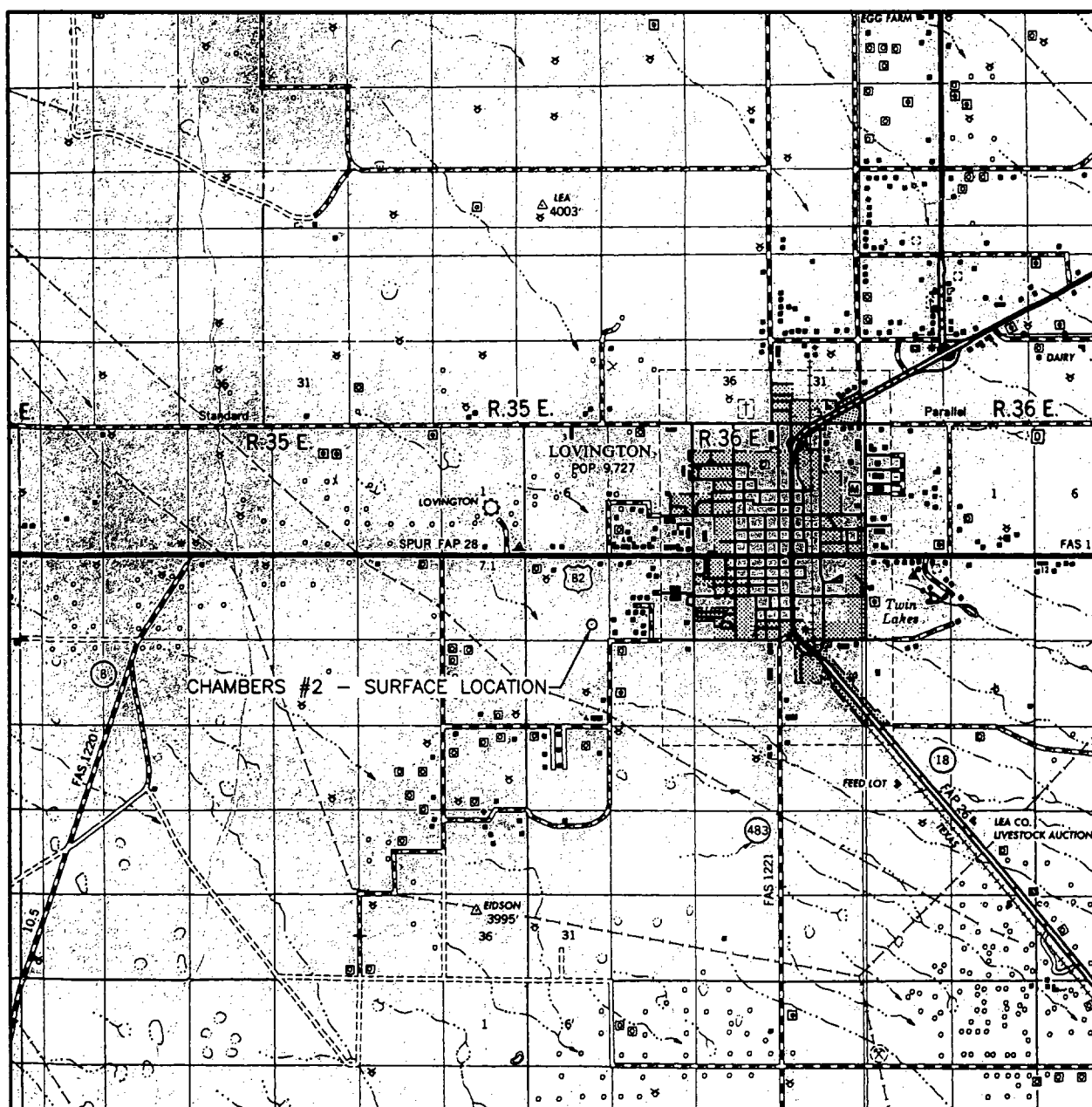
U.S.G.S. TOPOGRAPHIC MAP
LOVINGTON NW, NM



**WEST
COMPANY**
of Midland, Inc.

110 W. LOUISIANA, STE. 110
MIDLAND TEXAS, 79701
(915) 687-0865 - (915) 687-0868 FAX

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 7 TWP. 16-S RGE. 36-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1000' FSL & 1100' FEL

ELEVATION 3944

OPERATOR PERMIAN RESOURCES, INC.

LEASE CHAMBERS #2



**WEST
COMPANY**
of Midland, Inc.

110 W. LOUISIANA, STE. 110
MIDLAND TEXAS, 79701
(915) 687-0865 - (915) 687-0868 FAX