

Submit 3 Copies To Appropriate District Office:
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., 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 and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-35596
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Hilburn
8. Well No. 3
9. Pool name or Wildcat North Shoe Bar (Strawn) (Wolfcamp)

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Permian Resources, Inc. OGRID 25797

3. Address of Operator
608 N. Main, Midland, Texas 79701

4. Well Location
Surface D 510' North 250' West
BHL Unit Letter C: 420 feet from the North line and 1210' feet from the West line

Section 13 Township 16S Range 35E NMPM Lea County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
3968 GR

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: Plug back and amend entry point ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

Please find attached detailed intention of plugback.

Permian Resources, Inc. will follow this C-103 with a hard copy along with attachments.

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

SIGNATURE [Signature] TITLE Engineer DATE 12/21/2001

Type or print name Mike Stewart

Telephone No. 915/685-0113

(This space for State use)

APPROVED BY PAUL F. KAUF TITLE PETROLEUM ENGINEER

Conditions of approval, if any:

may not produce until NSL approved

Permian Resources, Inc

Hilburn No. 3

North Shoe Bar (Strawn) Pool

Attachment to C-103 Dated 12/21/01

12-20-01 Reached TD @11626' MD, 11584' TVD at BHL 675'FNL & 599' FWL. Encountered Strawn formation top @11,340' MD, 11307' TVD at BHL 664'FNL & 518' FWL, Sec.13,T16S, R35E. Ran Dual Induction log, Z-densilog and neutron w/GR from TD. Strawn porosity limited.

Proposed: PB w/50 sx Class "H", 15.6 ppg, plug from 11358' to 11225'. Spot 270 sx Class "H", 18 ppg, plug from 9700'to 9200'. WOC & dress off top of plug to KOP @9450'. Drill directionally to new "Non-standard" BHL to encounter Strawn formation @11506' MD, 11269' TVD at 420' FNL & 1210' FWL, Sec.13, T16S, R35E, Lea Co., NM. Upon evaluating Strawn formation at proposed new Strawn entry point, a decision will be made to run 5 1/2" production casing to above Strawn and drill horizontally to a BHL of 410'FNL & 1296' FWL, Sec.12, T16S, R35E.

Permian Resources has received verbal and/or written approval from all offsetting SW/4 Sec.12, T16S, R35E leasehold owners and non-leased mineral owners waiving any objection to the above detailed proposed Strawn entry point BHL and horizontal section BHL. Permian will provide copies of executed waivers allowing for administrative approval of the "Non-standard" location prior to producing the well.

Attached are well profiles and surveys of the original directional section (as drilled) and the proposed new directional section.

Permian Resources, Inc. will follow this C-103 with a hard copy along with attachments.

8017
05/11/01

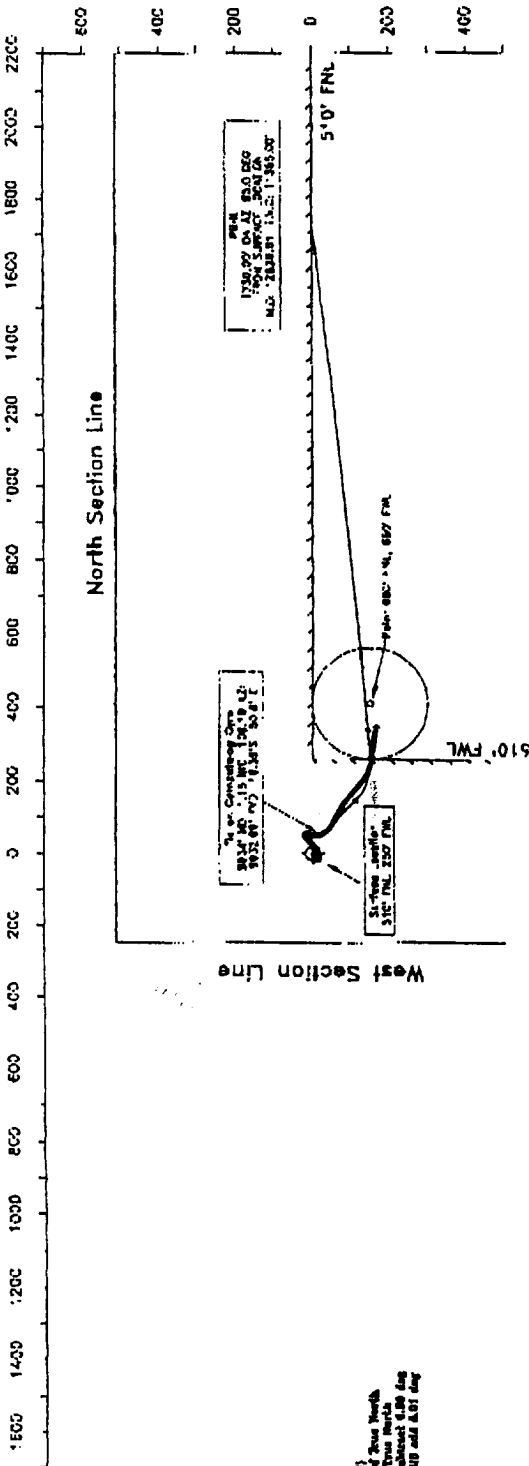
Permian Resources, Inc.
Hilburn Well No. 3

Directional Well As Drilled 11/19/01 to 12/21/01



INTEQ

East (feet) -->



TMBR/SHARP DRILLING INC.

Slot : slot #1

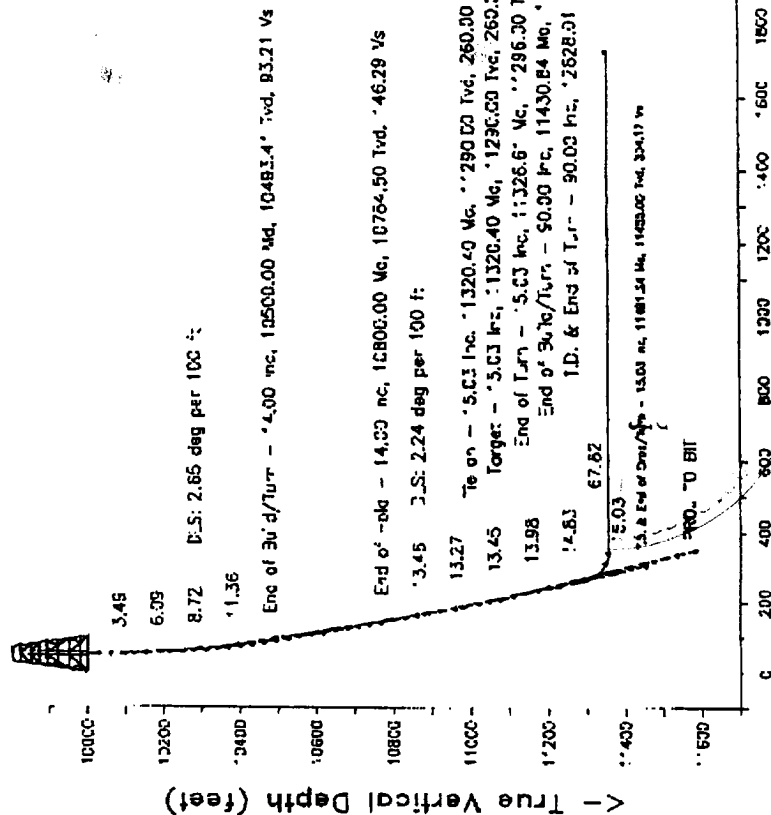
Structure : HILBURN #3

Field : Location : LEA COUNTY, NEW MEXICO

WELL PROFILE DATA

Depth	MD	DC	Dr	TD	North	East	V. Sect	Dep/100
1725.00	1326.61	13.03	85.43	1290.00	-150.00	262.00	280.00	2.00
End of Turn	1326.61	13.03	85.43	1290.00	-149.87	262.61	261.6	0.42
End of Bu'd/turn	11430.84	90.80	85.00	11355.00	-142.26	340.26	338.25	71.83
I.D. & End of Turn	12628.01	90.80	85.23	11355.00	0.00	1726.00	1726.00	8.12

End of Bu'd/turn 11430.84 Mc, 11355.00 Tvd, 338.25 Vs
 I.D. & End of Turn 12628.01 Mc, 11355.00 Tvd, 1726.00 Vs



Vertical Section (feet) -->

Azimuth 90.00 with reference 0.00 N, 2.00 E from slot #1

Created by us-year

Data plotter : 18-26-200'

Plot Reference is LATERAL.

Coordinates are in feet reference slot #1.

True Vertical Depths are reference rotary table.

Imbrpva

--- Sharp Hughes INTEQ ---

Post-it® Fax Note 7671		Date 12-19	# of pages 1
To <i>Dora</i>		From <i>Bubba</i>	
Co./Dept.		Co.	
Phone #		Phone # 685-0113	
Fax #		Fax # 685-3621	

TMBR/SHARP DRILLING INC.
HILBURN #3

slot #1

LEA COUNTY, NEW MEXICO

SURVEY LISTING

by
Baker Hughes INTEQ

Your ref : MWD
Our ref : svy1863
License :

Date printed : 19-Dec-2001
Date created : 10-Dec-2001
Last revised : 19-Dec-2001

Field is centred on n32 58 13.000,w103 14 15
Structure is centred on n32 58 13.000,w103 14 15

Slot location is n32 58 13.000,w103 14 15.000
Slot Grid coordinates are N 718448.687, E 836085.155
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

TMBR/SHARP DRILLING INC.
HILBURN #3, slot #1
LEA COUNTY, NEW MEXICO

SURVEY LISTING Page 1
Your ref : MWJ
Last revised : 19-Dec 2001

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 I S		Dogleg Deg/100ft	Vert Sect	G R I D Easting	C O O R D S Northing
0.00	0.00	0.00	0.00	0.00N	0.00E	0.00	0.00	836085.15	718448.69
100.00	0.20	240.68	100.00	0.09S	0.15W	0.20	-0.11	836085.00	718448.60
200.00	0.35	224.93	200.00	0.39S	0.52W	0.17	-0.33	836084.63	718448.30
300.00	0.40	231.87	300.00	0.82S	1.01W	0.07	-0.61	836084.14	718447.87
400.00	0.50	252.07	399.99	1.17S	1.70W	0.19	-1.11	836083.45	718447.52
500.00	0.25	201.37	499.99	1.51S	2.19W	0.39	-1.44	836082.96	718447.18
600.00	0.30	192.82	599.99	1.96S	2.33W	0.06	-1.38	836082.82	718446.72
700.00	0.32	181.87	699.99	2.50S	2.40W	0.06	-1.24	836082.76	718446.19
800.00	0.25	168.63	799.99	2.99S	2.37W	0.10	-1.01	836082.79	718445.70
900.00	0.23	175.60	899.99	3.41S	2.31W	0.04	-0.80	836082.85	718445.28
1000.00	0.25	210.08	999.99	3.79S	2.40W	0.14	-0.74	836082.75	718444.89
1100.00	0.27	202.72	1099.98	4.20S	2.60W	0.04	-0.76	836082.55	718444.49
1200.00	0.32	206.33	1199.98	4.67S	2.82W	0.05	-0.78	836082.34	718444.02
1300.00	0.58	216.43	1299.98	5.33S	3.24W	0.27	-0.91	836081.91	718443.36
1400.00	0.75	222.87	1399.97	6.21S	3.99W	0.19	-1.25	836081.17	718442.47
1500.00	0.88	227.32	1499.96	7.21S	5.00W	0.14	-1.80	836080.16	718441.47
1600.00	0.78	227.65	1599.95	8.19S	6.06W	0.10	-2.40	836079.39	718440.49
1700.00	0.78	228.97	1699.94	9.10S	7.08W	0.02	-2.98	836078.07	718439.59
1800.00	0.63	228.93	1799.94	9.91S	8.01W	0.15	-3.52	836077.15	718438.78
1900.00	0.75	241.08	1899.93	10.58S	9.00W	0.19	-4.17	836076.16	718438.10
2000.00	0.85	244.57	1999.92	11.22S	10.24W	0.11	-5.07	836074.92	718437.47
2100.00	1.07	255.68	2099.91	11.77S	11.81W	0.29	-6.30	836073.34	718436.92
2200.00	1.10	241.68	2199.89	12.45S	13.56W	0.27	-7.65	836071.59	718436.23
2300.00	0.67	208.97	2299.88	13.42S	14.69W	0.65	-8.31	836070.46	718435.27
2400.00	0.70	195.48	2399.87	14.52S	15.14W	0.16	-8.29	836070.02	718434.17
2500.00	0.62	145.25	2499.86	15.55S	14.99W	0.56	-7.76	836070.16	718433.13
2600.00	0.80	109.32	2599.86	16.23S	14.02W	0.47	-6.60	836071.13	718432.46
2700.00	0.98	95.37	2699.84	16.54S	12.51W	0.28	-5.09	836072.64	718432.15
2800.00	1.03	67.98	2799.83	16.28S	10.83W	0.48	-3.64	836074.32	718432.40
2900.00	1.10	50.53	2899.81	15.34S	9.26W	0.33	-2.56	836075.50	718433.35
3000.00	1.27	40.18	2999.79	13.88S	7.80W	0.27	-1.78	836077.36	718434.81
3100.00	1.38	41.87	3099.76	12.14S	6.28W	0.12	-1.06	836078.87	718436.55
3200.00	1.58	68.68	3199.73	10.74S	4.19W	0.71	0.32	836080.96	718437.95
3300.00	1.40	81.53	3299.70	10.06S	1.70W	0.38	2.35	836083.45	718438.63
3400.00	0.95	106.18	3399.68	10.11S	0.30E	0.67	4.21	836085.46	718438.58
3500.00	1.08	112.42	3499.66	10.70S	1.97E	0.17	5.98	836087.13	718437.99
3600.00	1.42	85.03	3599.64	10.95S	4.08E	0.68	8.02	836089.23	718437.74
3700.00	1.40	76.60	3699.61	10.56S	6.50E	0.21	10.10	836091.65	718438.13
3800.00	1.68	77.03	3799.57	9.95S	9.12E	0.28	12.27	836094.27	718438.74
3900.00	1.65	81.10	3899.53	9.40S	11.97E	0.12	14.68	836097.12	718439.29
4000.00	1.48	82.05	3999.49	9.00S	14.67E	0.17	17.01	836099.82	718439.69
4100.00	1.52	72.43	4099.46	8.42S	17.21E	0.25	19.13	836102.37	718440.27
4200.00	1.35	60.02	4199.43	7.43S	19.50E	0.35	20.85	836104.65	718441.26
4300.00	1.42	50.58	4299.40	6.05S	21.47E	0.24	22.14	836106.63	718442.64
4400.00	1.47	45.62	4399.37	4.37S	23.35E	0.13	23.21	836108.50	718444.32
4500.00	1.10	35.15	4499.34	2.69S	24.82E	0.44	23.91	836109.97	718446.00
4600.00	1.15	29.32	4599.32	1.03S	25.86E	0.12	24.22	836111.02	718447.66
4700.00	1.17	19.53	4699.30	0.81N	26.69E	0.20	24.28	836111.85	718449.50
4800.00	1.05	26.80	4799.28	2.59N	27.45E	0.18	24.28	836112.60	718451.28
4900.00	1.00	41.07	4899.27	4.07N	28.44E	0.26	24.61	836113.59	718452.75

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 385.71 on azimuth 115.26 degrees from wellhead.

Vertical section is from S 0.00 W 0.00 on azimuth 112.90 degrees.

Grid is mercator Now Mexico East (3001).

Grid coordinates in FEET and computed using the Clarke - 1866 spheroid

Presented by Baker Hughes INTEQ

TMBR/SHARP DRILLING INC.
HILBURN #3, slot #1
LEA COUNTY, N.W. MEXICO

SURVEY LISTING Page 2
Your ref : MWD
Last revised : 19-Dec-2001

Measured Depth	Inclin Degrees	Azimuth Degrees	True Vert Depth	R F 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
5000.00	1.00	45.67	4999.25	5.33N	29.63E	0.08	25.22	836114.79	718454.02
5100.00	0.90	52.80	5099.24	6.42N	30.88E	0.15	25.95	836116.04	718455.11
5200.00	0.97	54.23	5199.22	7.39N	32.20E	0.07	26.78	836117.35	718456.08
5300.00	1.02	55.37	5299.21	8.39N	33.61E	0.05	27.70	836118.77	718457.08
5400.00	1.10	53.58	5399.19	9.46N	35.12E	0.09	28.67	836120.27	718458.15
5500.00	1.32	56.78	5499.17	10.67N	36.86E	0.23	29.80	836122.01	718459.35
5600.00	1.03	51.02	5599.15	11.86N	38.52E	0.31	30.87	836123.67	718460.55
5700.00	1.13	50.05	5699.13	13.06N	39.97E	0.10	31.74	836125.13	718461.75
5800.00	1.25	52.75	5799.11	14.35N	41.60E	0.13	32.73	836126.75	718463.04
5900.00	1.07	54.13	5899.09	15.56N	43.22E	0.18	33.76	836128.38	718464.25
6000.00	1.00	51.65	5999.07	16.65N	44.66E	0.08	34.66	836129.82	718465.34
6100.00	0.82	47.33	6099.06	17.68N	45.87E	0.19	35.38	836131.03	718466.36
6200.00	0.68	51.32	6199.05	18.53N	46.86E	0.15	35.96	836132.02	718467.22
6300.00	0.57	64.32	6299.05	19.12N	47.77E	0.18	36.57	836132.93	718467.81
6400.00	0.57	67.78	6399.04	19.52N	48.68E	0.03	37.25	836133.84	718468.21
6500.00	0.50	76.35	6499.04	19.81N	49.57E	0.11	37.95	836134.72	718468.50
6600.00	0.48	69.03	6599.03	20.07N	50.38E	0.07	38.60	836135.54	718468.75
6700.00	0.48	82.00	6699.03	20.27N	51.19E	0.11	39.26	836136.34	718468.96
6800.00	0.40	94.37	6799.03	20.31N	51.95E	0.12	39.95	836137.11	718468.99
6900.00	0.53	97.35	6899.02	20.22N	52.76E	0.13	40.73	836137.91	718468.91
7000.00	0.50	99.15	6999.02	20.09N	53.65E	0.03	41.60	836138.80	718468.78
7100.00	0.53	117.92	7099.02	19.81N	54.49E	0.17	42.49	836139.64	718468.49
7200.00	0.52	112.27	7199.01	19.42N	55.31E	0.05	43.40	836140.47	718468.10
7300.00	0.73	120.40	7299.01	18.92N	56.28E	0.23	44.48	836141.44	718467.61
7400.00	0.80	129.52	7399.00	18.16N	57.37E	0.14	45.79	836142.53	718466.84
7500.00	1.12	144.22	7498.98	16.92N	58.48E	0.40	47.29	836143.64	718465.61
7600.00	1.07	169.27	7598.96	15.21N	59.23E	0.48	48.64	836144.38	718463.90
7700.00	1.17	208.87	7698.95	13.40N	58.91E	0.76	49.05	836144.06	718462.08
7800.00	1.15	215.62	7798.93	11.69N	57.83E	0.14	48.73	836142.99	718460.37
7900.00	1.30	226.17	7898.90	10.09N	56.43E	0.27	48.06	836141.58	718458.77
8000.00	1.32	229.13	7998.88	8.55N	54.74E	0.07	47.10	836139.89	718457.23
8100.00	1.17	231.92	8098.85	7.16N	53.06E	0.16	46.09	836138.22	718455.85
8200.00	1.05	226.60	8198.84	5.90N	51.59E	0.16	45.23	836136.75	718454.59
8300.00	0.60	208.40	8298.82	4.81N	50.68E	0.52	44.81	836135.83	718453.50
8400.00	0.52	176.15	8398.82	3.90N	50.46E	0.32	44.97	836135.62	718452.59
8500.00	0.63	165.22	8498.82	2.92N	50.63E	0.15	45.51	836135.79	718451.60
8600.00	0.72	161.60	8598.81	1.79N	50.97E	0.10	46.26	836136.13	718450.48
8700.00	0.65	158.98	8698.80	0.66N	51.37E	0.08	47.07	836136.53	718449.35
8800.00	0.65	164.25	8798.79	0.41S	51.73E	0.06	47.81	836136.86	718448.27
8900.00	0.60	161.47	8898.79	1.45S	52.05E	0.06	48.51	836137.20	718447.23
9000.00	0.53	170.52	8998.78	2.41S	52.29E	0.11	49.11	836137.45	718446.28
9100.00	0.58	177.45	9098.78	3.37S	52.39E	0.08	49.57	836137.55	718445.32
9200.00	0.60	168.80	9198.77	4.39S	52.52E	0.09	50.08	836137.67	718444.30
9300.00	0.82	184.87	9298.77	5.61S	52.56E	0.29	50.60	836137.71	718443.07
9400.00	0.77	201.58	9398.76	6.95S	52.25E	0.24	50.84	836137.40	718441.73
9500.00	1.02	198.88	9498.74	8.42S	51.71E	0.25	50.91	836136.87	718440.27
9600.00	0.83	197.08	9598.73	9.95S	51.21E	0.19	51.05	836136.37	718438.73
9700.00	0.73	189.53	9698.72	11.27S	50.89E	0.14	51.27	836136.05	718437.41
9800.00	0.83	181.28	9798.71	12.63S	50.77E	0.15	51.69	836135.93	718436.06
9900.00	1.13	179.00	9898.70	14.34S	50.77E	0.30	52.35	836135.93	718434.35

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 385.71 on azimuth 115.26 degrees from wellhead.

Vertical section is from S 0.00 W 0.00 on azimuth 112.90 degrees.

Grid is mercator New Mexico East (3001).

Grid coordinates in feet and computed using the Clarke - 1866 spheroid

Presented by Baker Hughes INTEQ

TMBR/SHARP DRILLING INC.
HILBURN #3, slot #1
LEA COUNTY, NEW MEXICO

SURVEY LISTING Page 3
Your ref : MWD
Last revised : 19-Dec-2001

Measured Depth	Inclin Degrees	Azimuth Degrees	True Vert Depth	RECTANGULAR COORDINATES	Dogleg Deg/100ft	Vert Sect	GRID Easting	COORDS Northing	
9934.00	1.15	180.10	9932.69	15.01S	50.78F	0.09	52.62	836135.93	718433.67
9970.00	0.80	168.30	9968.69	15.62S	50.83E	1.12	52.90	836135.98	718433.07
10001.00	1.70	172.20	9999.68	16.29S	50.94E	2.91	53.26	836136.09	718432.40
10032.00	2.50	165.20	10030.66	17.40S	51.17E	2.71	53.91	836136.33	718431.29
10063.00	2.60	159.50	10061.63	18.71S	51.59E	0.88	54.80	836136.74	718429.98
10094.00	3.08	151.50	10092.59	20.10S	52.23E	2.00	55.94	836137.39	718428.59
10125.00	3.96	150.70	10123.53	21.77S	53.15E	2.84	57.44	836138.31	718426.92
10156.00	4.66	140.90	10154.44	23.68S	54.47E	3.27	59.39	836139.63	718425.01
10188.00	5.10	146.20	10186.33	25.87S	56.08E	1.97	61.73	836141.24	718422.82
10219.00	5.70	153.90	10217.19	28.39S	57.53F	3.03	64.04	836142.63	718420.29
10250.00	6.20	147.30	10248.02	31.19S	59.11E	2.73	66.59	836144.26	718417.50
10282.00	6.60	141.60	10279.82	34.08S	61.19E	2.34	69.63	836146.34	718414.61
10313.00	7.00	133.10	10310.61	36.77S	63.67E	3.49	72.96	836148.83	718411.92
10344.00	8.00	126.70	10341.34	39.35S	66.78E	4.20	76.83	836151.93	718409.34
10375.00	8.80	122.60	10372.01	41.92S	70.51E	3.22	81.26	836155.66	718406.77
10407.00	9.40	120.20	10403.61	44.55S	74.83E	2.22	86.27	836159.98	718404.14
10438.00	9.70	119.10	10434.18	47.09S	79.30E	1.13	91.37	836164.45	718401.60
10469.00	10.40	118.80	10464.70	49.71S	84.03E	2.26	96.75	836169.19	718398.98
10501.00	11.00	118.40	10496.14	52.55S	89.25E	1.89	102.66	836174.40	718396.13
10532.00	11.40	116.60	10526.55	55.33S	94.59E	1.71	108.67	836179.74	718393.35
10563.00	11.50	116.00	10556.94	58.06S	100.11E	0.50	114.81	836185.26	718390.63
10595.00	11.60	117.70	10588.29	60.95S	105.82F	1.11	121.20	836190.98	718387.73
10626.00	11.90	117.30	10618.64	63.87S	111.42E	1.00	127.49	836196.56	718384.82
10657.00	12.40	118.40	10648.94	66.92S	117.19E	1.78	133.99	836202.34	718381.77
10689.00	12.70	119.80	10680.18	70.30S	123.26E	1.34	140.90	836208.42	718378.39
10719.00	13.40	120.90	10709.40	73.72S	129.11E	2.48	147.62	836214.26	718374.96
10750.00	13.50	123.30	10739.55	77.55S	135.22E	1.83	154.74	836220.37	718371.13
10781.00	14.20	125.10	10769.65	81.73S	141.35E	2.65	162.01	836226.51	718366.96
10813.00	14.70	125.80	10800.64	86.36S	147.86E	1.66	169.81	836233.01	718362.33
10844.00	15.10	127.50	10830.60	91.12S	154.25E	1.91	177.55	836239.40	718357.57
10876.00	15.40	128.90	10861.47	96.32S	160.86E	1.48	185.67	836246.02	718352.36
10907.00	15.60	130.40	10891.34	101.61S	167.24E	1.45	193.60	836252.39	718347.08
10939.00	15.70	128.90	10922.16	107.12S	173.89E	1.30	201.86	836259.04	718341.57
10978.00	16.30	131.10	10959.65	114.03S	182.12E	2.19	212.14	836267.27	718334.66
11010.00	16.10	129.70	10990.38	119.82S	188.92E	1.37	220.65	836274.07	718328.87
11041.00	16.00	126.10	11020.17	125.08S	195.67E	3.23	228.92	836280.83	718323.61
11072.00	16.30	122.60	11049.95	129.94S	202.79E	3.29	237.37	836287.95	718318.75
11104.00	16.30	121.20	11080.66	134.69S	210.42E	1.23	246.24	836295.57	718314.00
11136.00	16.70	117.70	11111.34	139.15S	218.33E	3.35	255.27	836303.48	718309.54
11167.00	16.30	113.80	11141.07	142.97S	226.25E	3.80	264.06	836311.41	718305.71
11199.00	15.90	110.30	11171.81	146.31S	234.47E	3.28	272.92	836319.63	718302.38
11231.00	15.90	106.80	11202.59	149.10S	242.78E	3.00	281.66	836327.93	718299.59
11262.00	15.80	104.00	11232.41	151.34S	250.94E	2.49	290.05	836336.09	718297.34
11294.00	16.40	99.90	11263.16	153.17S	259.62E	4.02	298.76	836344.77	718295.51
11325.00	16.00	97.70	11292.93	154.50S	268.16E	2.36	307.15	836353.32	718294.19
11340.00	15.90	95.90	11323.70	155.54S	276.89E	1.58	315.60	836362.05	718293.15
11388.00	15.90	96.30	11353.51	156.44S	285.34E	0.35	323.73	836370.49	718292.24
11419.00	16.08	96.70	11383.31	157.41S	293.82E	0.68	331.92	836378.98	718291.28
11451.00	16.00	96.30	11414.06	158.41S	302.61E	0.43	340.40	836387.76	718290.28
11482.00	15.80	95.90	11443.88	159.31S	311.05E	0.74	348.53	836396.21	718289.37

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 385.71 on azimuth 115.26 degrees from wellhead.

Vertical section is from S 0.00 W 0.00 on azimuth 112.90 degrees.

Grid is mercator - New Mexico East (3001).

Grid coordinates in FEET and computed using the Clarke - 1866 spheroid

Presented by Baker Hughes INTEQ

TMBR/SHARP DRILLING INC.
HILBURN #3, slot #1
LEA COUNTY, NEW MEXICO

SURVEY LISTING Page 4
Your ref : MW11
Last revised : 19-Dec-2001

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	
11514.00	15.90	95.90	11474.66	160.21S	319.75E	0.31	356.89	836404.90	718288.47
11545.00	15.50	96.70	11504.51	161.13S	328.08E	1.47	364.93	836413.24	718287.56
11577.00	15.00	98.80	11535.38	162.26S	336.42E	2.33	373.05	836421.58	718286.42
11627.00	14.26	102.37	11583.76	164.57S	348.83E	2.33	385.38	836433.99	718284.11

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 385.71 on azimuth 115.26 degrees from wellhead.
Vertical section is from S 0.00 W 0.00 on azimuth 112.90 degrees.
Grid is meridian New Mexico East (3001).
Grid coordinates in UTM and computed using the Clarke - 1866 spheroid
Presented by Baker Hughes INTEQ

TMBR/SHARP DRILLING INC.
HILBURN #3, slot #1
LEA COUNTY, NEW MEXICO

SURVEY LISTING Page 5
Your ref : MWD
Last revised : 19-Dec-2001

				<u>Comments in wellpath</u>
MD	IVD	Rectangular Coords.		<u>Comment</u>
11627.00	11583.76	164.575	348.83E	PROJ TO BIT

NO targets associated with this wellpath

19-Dec-2001

BAKER HUGHES INTEQ
MINIMUM CURVATURE SURVEY CALCULATIONS
DIRDRIL Version 3.2
For
TIMBER SHARP DRILLING
HILBURN #3
UNITS in FEET

MEASURED DEPTH	DIRECTION DRIFT	AZIMUTH	QUADRANT	TVD	VERTICAL SECTION	DLS	NORTH SOUTH	EAST WEST
10781.00	14.20	125.10	S54.90E	10769.65	163.29	2.65	81.73S	141.36E
10813.00	14.70	125.80	S54.20E	10800.64	171.24	1.66	86.37S	147.87E
10844.00	15.10	127.50	S52.50E	10830.60	179.15	1.91	91.12S	154.26E
10876.00	15.40	128.90	S51.10E	10861.47	187.48	1.48	96.33S	160.87E
10907.00	15.60	130.40	S49.60E	10891.34	195.65	1.45	101.62S	167.25E
10939.00	15.70	128.90	S51.10E	10922.16	204.16	1.30	107.12S	173.90E
10978.00	16.30	131.10	S48.90E	10959.65	214.74	2.19	114.04S	182.13E
11010.00	16.10	129.70	S50.30E	10990.38	223.52	1.37	119.82S	188.93E
11041.00	16.00	126.10	S53.90E	11020.17	232.01	3.23	125.08S	195.69E
11072.00	16.30	122.60	S57.40E	11049.95	240.60	3.29	129.95S	202.80E
11104.00	16.30	121.20	S58.80E	11080.66	249.58	1.23	134.69S	210.43E
11136.00	16.70	117.70	S62.30E	11111.34	258.66	3.35	139.16S	218.34E
11167.00	16.30	113.80	S66.20E	11141.07	267.44	3.80	142.98S	226.26E
11199.00	15.90	110.30	S69.70E	11171.81	276.22	3.28	146.31S	234.48E
11231.00	15.90	106.80	S73.20E	11202.59	284.81	3.00	149.10S	242.79E
11262.00	15.80	104.00	S76.00E	11232.41	293.00	2.49	151.35S	250.95E
11294.00	16.40	99.90	S80.10E	11263.16	301.43	4.02	153.18S	259.63E
11325.00	16.00	97.70	S82.30E	11292.93	309.50	2.36	154.51S	268.17E
11357.00	15.90	95.90	S84.10E	11323.69	317.58	1.58	155.55S	276.90E
11388.00	15.90	96.30	S83.70E	11353.51	325.35	0.35	156.45S	285.35E
11419.00	16.08	96.70	S83.30E	11383.31	333.18	0.68	157.42S	293.83E
11451.00	16.00	96.30	S83.70E	11414.06	341.29	0.43	158.42S	302.62E
11482.00	15.80	95.90	S84.10E	11443.88	349.05	0.74	159.32S	311.06E
11514.00	15.90	95.90	S84.10E	11474.66	357.03	0.31	160.22S	319.76E
11545.00	15.50	96.70	S83.30E	11504.50	364.72	1.47	161.14S	328.09E
11577.00	15.00	98.80	S81.20E	11535.38	372.51	2.33	162.27S	336.43E
»11627.00	14.26	102.37	S77.63E	11583.76	384.41	2.33	164.58S	348.84E

BOTTOM HOLE LOCATION

Closure Distance 385.72 Feet
 Closure Direction S64.74E
 Closure Azimuth 115.26°

Page 1

VERTICAL SECTION CALCULATED ON PLANE OF 119.98 °

(») DENOTES EXTRAPOLATED OR INTERPOLATED STATION - NOT AN ACTUAL SURVEY

Permian Resources, Inc.
Hilburn Well No. 3

Directional Proposed Well Plan

Azimuth 90.00 with reference 0.00 N, 0.00 W from slot #1

TMBR/SHARP DRILLING INC.
HILBURN #3

slot #1

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 Plan Dec20
Our ref : prop3149
License :

Date printed : 21-Dec-2001
Date created : 19-Dec-2001
Last revised : 20-Dec-2001

Field is centred on n32 58 13.000,w103 14 15
Structure is centred on n32 58 13.000,w103 14 15

Slot location is n32 58 13.000,w103 14 15.000
Slot Grid coordinates are N 718448.687, E 836085.155
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

TMBR/SHARP DRILLING INC.
HILBURN #3, slot #1
LEA COUNTY, NEW MEXICO

PROPOSAL LISTING Page 1
Your ref : Pilot Plan Dec20
Last revised : 20-Dec-2001

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
9450.00	0.89	200.04	9448.75	7.63S	51.99E	0.00	51.03	836137.15	718441.06
9500.00	2.70	99.31	9498.73	8.19S	53.02E	6.00	52.00	836138.18	718440.50
9600.00	8.62	87.52	9598.20	8.25S	62.84E	6.00	61.77	836148.00	718440.44
9700.00	14.60	85.32	9696.11	6.89S	82.91E	6.00	81.88	836168.07	718441.79
9800.00	20.60	84.39	9791.39	4.14S	113.01E	6.00	112.10	836198.17	718444.54
9900.00	26.59	83.87	9882.98	0.03S	152.81E	6.00	152.11	836237.96	718448.66
9964.24	30.45	83.63	9939.42	3.31N	183.29E	6.00	182.78	836268.45	718452.00
10000.00	30.45	83.63	9970.25	5.32N	201.30E	0.00	200.90	836286.46	718454.01
10500.00	30.45	83.63	10401.30	33.43N	453.11E	0.00	454.23	836538.26	718482.11
11000.00	30.45	83.63	10832.34	61.53N	704.92E	0.00	707.57	836790.07	718510.22
11500.00	30.45	83.63	11263.39	89.63N	956.72E	0.00	960.91	837041.88	718538.32
11506.50	30.45	83.63	11269.00	90.00N	960.00E	0.00	964.21	837045.15	718538.69
11600.00	30.63	82.85	11349.53	95.59N	1007.17E	0.47	1011.70	837092.33	718544.28
11666.83	30.76	82.30	11407.00	100.00N	1041.00E	0.47	1045.79	837126.15	718548.69

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 1045.79 on azimuth 84.51 degrees from wellhead.
Vertical section is from N 0.00 W 0.00 on azimuth 84.54 degrees.
Grid is mercator - New Mexico East (3001).
Grid coordinates in FEET and computed using the Clarke - 1866 spheroid
Presented by Baker Hughes INTEQ

TMBR/SHARP DRILLING INC.
HILBURN #3, slot #1
LEA COUNTY, NEW MEXICO

PROPOSAL LISTING Page 2
Your ref : Pilot Plan Dec20
Last revised : 20-Dec-2001

				<u>Comments in wellpath</u>
MD	TVD	Rectangular Coords.		Comment
11506.50	11269.00	90.00N	960.00E	Top Of Strawn

<u>Targets associated with this wellpath</u>				
Target name	Geographic Location	T.V.D.	Rectangular Coordinates	Revised
Top Of Strawn		11269.00	90.00N 960.00E	20-Dec-2001