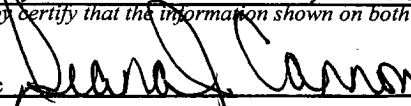


|                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                       |                                                                                                                                                                                                                |                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Submit To Appropriate District Office<br>State Lease - 6 copies<br>Fee Lease - 5 copies<br>District I<br>1625 N. French Dr., Hobbs, NM 88240<br>District II<br>1301 W. Grand Avenue, Artesia, NM 88210<br>District III<br>1000 Rio Brazos Rd., Aztec, NM 87410<br>District IV<br>1220 S. St. Francis Dr., Santa Fe, NM 87505                                                    | <b>State of New Mexico</b><br><b>Energy, Minerals and Natural Resources</b><br><br><b>Oil Conservation Division</b><br><b>1220 South St. Francis Dr.</b><br><b>Santa Fe, NM 87505</b> | Form C-105<br>Revised June 10, 2003                                                                                                                                                                            | WELL API NO.<br>30-015-33399<br><br>5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/><br>State Oil & Gas Lease No. VA2964 |
| <b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                       |                                                                                                                                                                                                                |                                                                                                                                                                             |
| 1a. Type of Well:<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____<br><br>b. Type of Completion:<br>NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF.<br>WELL OVER BACK RESVR. <input type="checkbox"/> OTHER |                                                                                                                                                                                       | 7. Lease Name or Unit Agreement Name<br><br><div style="text-align: right; font-weight: bold;">RECEIVED</div> WILLOW STATE JUL 28 2004<br><div style="text-align: right; font-weight: bold;">OCC-ARTESIA</div> |                                                                                                                                                                             |
| 2. Name of Operator<br><br>MARBOB ENERGY CORPORATION                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                       | 8. Well No.<br><br>2                                                                                                                                                                                           |                                                                                                                                                                             |
| 3. Address of Operator<br><br>PO BOX 227, ARTESIA, NM 88211-0227                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                       | 9. Pool name or Wildcat<br><br>WILLOW LAKE; DELAWARE, SW                                                                                                                                                       |                                                                                                                                                                             |
| 4. Well Location<br><br>Unit Letter <u>0</u> : <u>330</u> Feet From The <u>SOUTH</u> Line and <u>2570</u> Feet From The <u>EAST</u> Line<br><br>Section <u>3</u> Township <u>25S</u> Range <u>28E</u> NMPM <u>EDDY</u> County                                                                                                                                                   |                                                                                                                                                                                       |                                                                                                                                                                                                                |                                                                                                                                                                             |
| 10. Date Spudded<br>5/21/04                                                                                                                                                                                                                                                                                                                                                     | 11. Date T.D. Reached<br>6/2/04                                                                                                                                                       | 12. Date Compl. (Ready to Prod.)<br>7/17/04                                                                                                                                                                    | 13. Elevations (DF& RKB, RT, GR, etc.)<br>2983' GL                                                                                                                          |
| 14. Elev. Casinghead                                                                                                                                                                                                                                                                                                                                                            | 15. Total Depth<br>6425'                                                                                                                                                              |                                                                                                                                                                                                                |                                                                                                                                                                             |
| 16. Plug Back T.D.<br>5968'                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                       | 17. If Multiple Compl. How Many Zones?<br>0 - 6425'                                                                                                                                                            |                                                                                                                                                                             |
| 18. Intervals Drilled By                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                       |                                                                                                                                                                                                                | 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>5650 - 5100' DELAWARE                                                                                  |
| 20. Was Directional Survey Made<br>YES                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                       |                                                                                                                                                                                                                | 21. Type Electric and Other Logs Run<br>GAMMA RAY                                                                                                                           |
| 22. Was Well Cored<br>NO                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                       |                                                                                                                                                                                                                | 23. CASING RECORD (Report all strings set in well)                                                                                                                          |
| Casing Size                                                                                                                                                                                                                                                                                                                                                                     | Weight lb./ft.                                                                                                                                                                        | Depth Set                                                                                                                                                                                                      | Hole Size                                                                                                                                                                   |
| 9 5/8"                                                                                                                                                                                                                                                                                                                                                                          | 36#                                                                                                                                                                                   | 824'                                                                                                                                                                                                           | 12 1/4"                                                                                                                                                                     |
| 5 1/2"                                                                                                                                                                                                                                                                                                                                                                          | 17#                                                                                                                                                                                   | 6016'                                                                                                                                                                                                          | 7 7/8"                                                                                                                                                                      |
| Cementing Record                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                       | Amount Pulled                                                                                                                                                                                                  |                                                                                                                                                                             |
| 550 SX, CIRC                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                       | NONE                                                                                                                                                                                                           |                                                                                                                                                                             |
| 1950 SX, CIRC                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                       | NONE                                                                                                                                                                                                           |                                                                                                                                                                             |
| 24. LINER RECORD                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                       |                                                                                                                                                                                                                |                                                                                                                                                                             |
| Size                                                                                                                                                                                                                                                                                                                                                                            | Top                                                                                                                                                                                   | Bottom                                                                                                                                                                                                         | Sacks Cement                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                       |                                                                                                                                                                                                                |                                                                                                                                                                             |
| 25. TUBING RECORD                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                       | Screen                                                                                                                                                                                                         |                                                                                                                                                                             |
| Size                                                                                                                                                                                                                                                                                                                                                                            | Depth Set                                                                                                                                                                             | Packer Set                                                                                                                                                                                                     |                                                                                                                                                                             |
| 2 7/8"                                                                                                                                                                                                                                                                                                                                                                          | 4345'                                                                                                                                                                                 |                                                                                                                                                                                                                |                                                                                                                                                                             |
| 26. Perforation record (interval, size, and number)<br><br>4 SAND JETTED SHOTS @ EACH OF THE FOLLOWING DEPTHS: 5650', 5375', & 5100' (12 HOLES)                                                                                                                                                                                                                                 |                                                                                                                                                                                       |                                                                                                                                                                                                                |                                                                                                                                                                             |
| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.<br>DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED<br>5650' - 5100' FRAC @ 5650' W/ 300 SX, 5375' W/ 600 SX & 5100' W/ 1010 SX                                                                                                                                                                                                     |                                                                                                                                                                                       |                                                                                                                                                                                                                |                                                                                                                                                                             |
| <b>28 PRODUCTION</b>                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                       |                                                                                                                                                                                                                |                                                                                                                                                                             |
| Date First Production<br>7/17/04                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                       | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>PUMPING                                                                                                                                 |                                                                                                                                                                             |
| Well Status (Prod. or Shut-in)<br>PROD                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                       | Date of Test<br>7/21/04                                                                                                                                                                                        |                                                                                                                                                                             |
| Hours Tested<br>24                                                                                                                                                                                                                                                                                                                                                              | Choke Size                                                                                                                                                                            | Prod'n For Test Period                                                                                                                                                                                         | Oil - Bbl<br>172                                                                                                                                                            |
| Gas - MCF<br>115                                                                                                                                                                                                                                                                                                                                                                | Water - Bbl.<br>100                                                                                                                                                                   | Gas - Oil Ratio                                                                                                                                                                                                |                                                                                                                                                                             |
| Flow Tubing Press.                                                                                                                                                                                                                                                                                                                                                              | Casing Pressure                                                                                                                                                                       | Calculated 24-Hour Rate                                                                                                                                                                                        | Oil - Bbl.                                                                                                                                                                  |
| Gas - MCF                                                                                                                                                                                                                                                                                                                                                                       | Water - Bbl.                                                                                                                                                                          | Oil Gravity - API - (Corr.)                                                                                                                                                                                    |                                                                                                                                                                             |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>SOLD                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                       |                                                                                                                                                                                                                | Test Witnessed By<br>LENDELL HAWKINS                                                                                                                                        |
| 30. List Attachments<br>LOG, DEVIATION SURVEY, DIRECTIONAL SURVEY, GYROSCOPIC SURVEY                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                       |                                                                                                                                                                                                                |                                                                                                                                                                             |
| 31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief                                                                                                                                                                                                                                          |                                                                                                                                                                                       |                                                                                                                                                                                                                |                                                                                                                                                                             |
| Signature<br>                                                                                                                                                                                                                                                                                |                                                                                                                                                                                       | Printed Name<br>DIANA J. CANNON Title<br>PRODUCTION ANALYST Date<br>7/26/04                                                                                                                                    |                                                                                                                                                                             |
| E-mail Address<br>PRODUCTION@MARBOB.COM                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                       |                                                                                                                                                                                                                |                                                                                                                                                                             |

# 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

| Southeastern New Mexico |                        | Northwestern New Mexico |                  |
|-------------------------|------------------------|-------------------------|------------------|
| T. Anhy                 | T. Canyon              | T. Ojo Alamo            | T. Penn. "B"     |
| T. Salt                 | T. Strawn              | T. Kirtland-Fruitland   | T. Penn. "C"     |
| B. Salt 2305'           | T. Atoka               | 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               | T.               |
| T. Blinebry             | T. Gr. Wash            | T. Morrison             | T.               |
| T. Tubb                 | T. Delaware Sand 2555' | T. Todilto              | T.               |
| T. Drinkard             | T. Bone Springs        | T. Entrada              | T.               |
| T. Abo                  | T.                     | T. Wingate              | T.               |
| T. Wolfcamp             | T.                     | T. Chinle               | T.               |
| T. Penn                 | T.                     | T. Permian              | T.               |
| T. Cisco (Bough C)      | T.                     | T. Penn "A"             | T.               |

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4. from.....to.....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from ..... to ..... feet.

No. 2, from.....to.....feet.....

No. 3, from ..... to ..... feet

## LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To | Thickness<br>In Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |

# L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS

PO BOX 1370 ARTESIA, NEW MEXICO 88211-1370  
(505) 746-4405 746-3518 748-2205

June 15, 2004

JUN 17 2004

Marbob Energy Corporation  
PO Drawer 227  
Artesia, NM 88211-0227

RE: Willow State #2  
330' FSL & 2570' FEL  
Sec. 3, T25S, R28E  
Eddy County, New Mexico

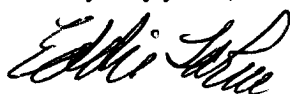
Gentlemen:

The following is a Deviation Survey for the above captioned well.

| DEPTH | DEVIATION | DEPTH | DEVIATION |
|-------|-----------|-------|-----------|
| 221'  | 1/4°      | 1408' | 1 3/4°    |
| 484'  | 2°        | 1634' | 2°        |
| 800'  | 3°        | 1759' | 1 1/2°    |
| 944'  | 3°        | 2534' | 1/2°      |
| 971'  | 2°        | 3006' | 1/2°      |
| 1003' | 2°        | 3507' | 1/2°      |
| 1220' | 1 3/4°    | 4007' | 3/4°      |

additional surveys supplied by DD operator

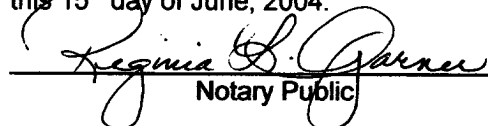
Very truly yours,



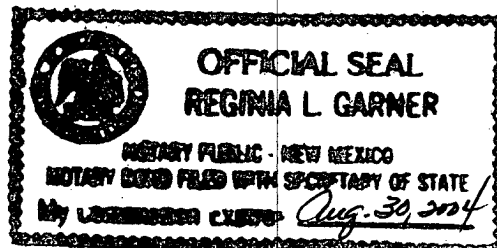
Eddie C. LaRue  
Vice President

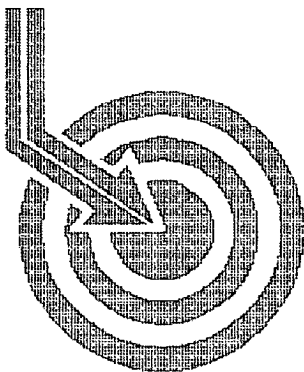
STATE OF NEW MEXICO }  
COUNTY OF EDDY }

The foregoing was acknowledged before me  
this 15<sup>th</sup> day of June, 2004.

  
Notary Public

RECEIVED  
JUL 28 2004  
OCD-ARTESIA





# Scientific Drilling

## MARBOB ENERGY

Field: Willow, SW  
Site: Eddy County, NM  
Well: Willow State #2  
Wellpath: VH - Job #32K0504333  
Survey: 05/27/04

RECEIVED  
JUL 28 2004  
OCD-ARTESIA

This survey is correct to the best of my knowledge  
and is supported by actual field data.

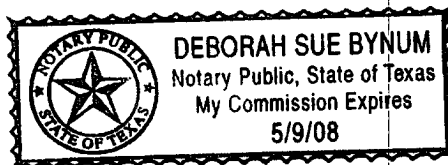
*Scott Needy*

.....Company Representative

Notorized this date 7<sup>th</sup> of June, 2004.

*Deborah Sue Bynum*

Notary Signature  
County of Midland  
State of Texas





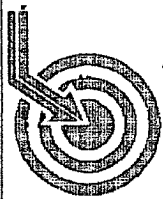
# Scientific Drilling Survey Report

|                                       |                                   |                                          |                   |
|---------------------------------------|-----------------------------------|------------------------------------------|-------------------|
| <b>Company:</b> MARBOB ENERGY         | <b>Date:</b> 6/7/2004             | <b>Time:</b> 17:10:02                    | <b>Page:</b> 1    |
| <b>Field:</b> Willow, SW              | <b>Co-ordinate(NE) Reference:</b> | <b>Site:</b> Eddy County, NM, Grid North |                   |
| <b>Site:</b> Eddy County, NM          | <b>Vertical (TVD) Reference:</b>  | <b>SITE</b> 0.0                          |                   |
| <b>Well:</b> Willow State #2          | <b>Section (VS) Reference:</b>    | <b>Well</b> (0.00N,0.00E,270.49Azi)      |                   |
| <b>Wellpath:</b> VH - Job #32K0504333 | <b>Survey Calculation Method:</b> | <b>Minimum Curvature</b>                 | <b>Db:</b> Sybase |

|                                     |                              |
|-------------------------------------|------------------------------|
| <b>Survey:</b> 05/27/04             | <b>Start Date:</b> 5/27/2004 |
| <b>Company:</b> Scientific Drilling | <b>Engineer:</b> Carter/Webb |
| <b>Tool:</b> Keeper, Keeper Gyro    | <b>Tied-to:</b> From Surface |

## Survey

| MD<br>ft | Incl<br>deg | Azim<br>deg | TVD<br>ft | VS<br>ft | N/S<br>ft | E/W<br>ft | DLS<br>deg/100ft | ClsD<br>ft | ClsA<br>deg |
|----------|-------------|-------------|-----------|----------|-----------|-----------|------------------|------------|-------------|
| 0.0      | 0.00        | 0.00        | 0.0       | 0.0      | 0.0       | 0.0       | 0.00             | 0.0        | 0.00        |
| 100.0    | 0.58        | 116.31      | 100.0     | -0.5     | -0.2      | 0.5       | 0.58             | 0.5        | 116.31      |
| 200.0    | 0.90        | 116.02      | 200.0     | -1.6     | -0.8      | 1.6       | 0.32             | 1.8        | 116.18      |
| 300.0    | 1.31        | 123.37      | 300.0     | -3.3     | -1.8      | 3.3       | 0.43             | 3.7        | 118.35      |
| 400.0    | 1.69        | 133.26      | 399.9     | -5.3     | -3.4      | 5.3       | 0.46             | 6.3        | 122.71      |
| 500.0    | 2.58        | 158.01      | 499.9     | -7.3     | -6.5      | 7.2       | 1.26             | 9.7        | 132.01      |
| 600.0    | 3.95        | 174.94      | 599.7     | -8.5     | -12.0     | 8.4       | 1.66             | 14.6       | 145.17      |
| 700.0    | 3.71        | 176.93      | 699.5     | -9.0     | -18.7     | 8.8       | 0.27             | 20.7       | 154.68      |
| 800.0    | 3.30        | 178.90      | 799.3     | -9.3     | -24.8     | 9.1       | 0.43             | 26.4       | 159.91      |
| 900.0    | 2.76        | 188.52      | 899.2     | -9.0     | -30.1     | 8.8       | 0.74             | 31.3       | 163.74      |
| 1000.0   | 2.09        | 203.75      | 999.1     | -8.0     | -34.1     | 7.7       | 0.92             | 35.0       | 167.32      |
| 1100.0   | 1.13        | 265.59      | 1099.0    | -6.3     | -35.9     | 6.0       | 1.85             | 36.3       | 170.56      |
| 1200.0   | 1.49        | 293.45      | 1199.0    | -4.1     | -35.4     | 3.8       | 0.72             | 35.6       | 173.90      |
| 1300.0   | 1.65        | 290.95      | 1299.0    | -1.5     | -34.4     | 1.2       | 0.17             | 34.4       | 177.93      |
| 1400.0   | 1.86        | 280.75      | 1398.9    | 1.4      | -33.6     | -1.7      | 0.38             | 33.6       | 182.89      |
| 1500.0   | 2.13        | 274.33      | 1498.9    | 4.9      | -33.1     | -5.1      | 0.35             | 33.5       | 188.82      |
| 1600.0   | 2.06        | 271.75      | 1598.8    | 8.5      | -32.9     | -8.8      | 0.12             | 34.1       | 194.95      |
| 1700.0   | 1.69        | 272.24      | 1698.7    | 11.8     | -32.8     | -12.1     | 0.37             | 35.0       | 200.18      |
| 1800.0   | 1.13        | 272.27      | 1798.7    | 14.2     | -32.7     | -14.5     | 0.56             | 35.8       | 203.94      |
| 1900.0   | 0.95        | 272.08      | 1898.7    | 16.1     | -32.6     | -16.3     | 0.18             | 36.5       | 206.60      |
| 2000.0   | 0.79        | 298.78      | 1998.7    | 17.5     | -32.3     | -17.8     | 0.43             | 36.9       | 208.85      |
| 2100.0   | 0.49        | 0.89        | 2098.7    | 18.1     | -31.5     | -18.4     | 0.71             | 36.5       | 210.25      |
| 2200.0   | 0.81        | 60.77       | 2198.7    | 17.5     | -30.8     | -17.8     | 0.70             | 35.5       | 210.01      |
| 2300.0   | 1.06        | 72.31       | 2298.7    | 16.0     | -30.1     | -16.3     | 0.31             | 34.2       | 208.36      |
| 2400.0   | 0.99        | 79.69       | 2398.6    | 14.3     | -29.7     | -14.5     | 0.15             | 33.1       | 206.08      |
| 2500.0   | 0.55        | 97.75       | 2498.6    | 13.0     | -29.6     | -13.2     | 0.49             | 32.4       | 204.04      |
| 2600.0   | 0.12        | 221.33      | 2598.6    | 12.5     | -29.8     | -12.8     | 0.63             | 32.4       | 203.28      |
| 2700.0   | 0.36        | 195.74      | 2698.6    | 12.7     | -30.1     | -13.0     | 0.26             | 32.8       | 203.26      |
| 2800.0   | 0.26        | 250.31      | 2798.6    | 13.0     | -30.5     | -13.2     | 0.30             | 33.3       | 203.48      |
| 2900.0   | 0.27        | 302.11      | 2898.6    | 13.4     | -30.5     | -13.7     | 0.23             | 33.4       | 204.16      |
| 3000.0   | 0.28        | 267.81      | 2998.6    | 13.8     | -30.3     | -14.1     | 0.16             | 33.5       | 204.93      |
| 3100.0   | 0.54        | 302.75      | 3098.6    | 14.5     | -30.1     | -14.7     | 0.35             | 33.5       | 206.10      |
| 3200.0   | 0.59        | 297.35      | 3198.6    | 15.3     | -29.6     | -15.6     | 0.07             | 33.5       | 207.78      |
| 3300.0   | 0.76        | 300.47      | 3298.6    | 16.4     | -29.0     | -16.6     | 0.17             | 33.5       | 209.79      |
| 3400.0   | 0.85        | 302.03      | 3398.6    | 17.6     | -28.3     | -17.8     | 0.09             | 33.4       | 212.19      |
| 3500.0   | 0.84        | 288.80      | 3498.6    | 18.9     | -27.7     | -19.1     | 0.19             | 33.7       | 214.67      |
| 3600.0   | 0.92        | 285.28      | 3598.6    | 20.4     | -27.2     | -20.6     | 0.10             | 34.2       | 217.12      |
| 3700.0   | 1.23        | 287.30      | 3698.6    | 22.2     | -26.7     | -22.4     | 0.31             | 34.9       | 220.01      |
| 3800.0   | 1.26        | 285.82      | 3798.5    | 24.3     | -26.1     | -24.5     | 0.04             | 35.8       | 223.20      |
| 3900.0   | 1.44        | 281.84      | 3898.5    | 26.6     | -25.5     | -26.8     | 0.20             | 37.0       | 226.37      |
| 4000.0   | 1.20        | 280.21      | 3998.5    | 28.8     | -25.1     | -29.0     | 0.24             | 38.4       | 229.18      |
| 4100.0   | 1.29        | 277.73      | 4098.5    | 31.0     | -24.7     | -31.2     | 0.10             | 39.8       | 231.57      |
| 4200.0   | 1.22        | 269.35      | 4198.4    | 33.2     | -24.6     | -33.4     | 0.20             | 41.5       | 233.59      |
| 4300.0   | 0.98        | 266.18      | 4298.4    | 35.1     | -24.7     | -35.3     | 0.25             | 43.1       | 235.04      |
| 4301.0   | 0.98        | 266.14      | 4299.4    | 35.1     | -24.7     | -35.3     | 0.25             | 43.1       | 235.05      |



Scientific  
Drilling

Field: Willow, SW  
Site: Eddy County, NM  
Well: Willow State #2  
Wellpath: VH - Job #32K0504333  
Survey: 05/27/04

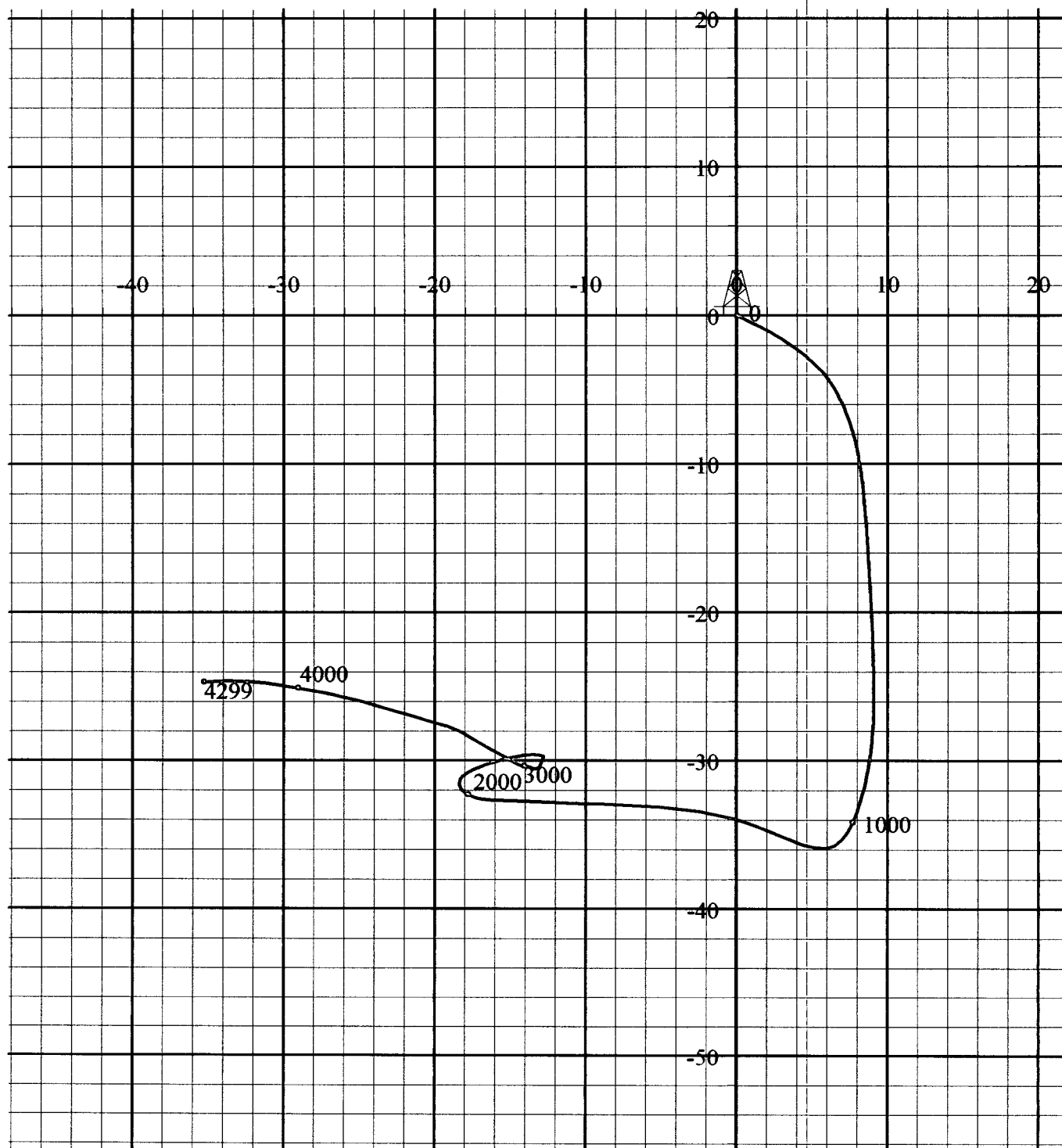


Azimuths to Grid North  
True North: 0.00°  
Magnetic North: 0.00°

Magnetic Field  
Strength: 0nT  
Dip Angle: 0.00°  
Date: 6/7/2004  
Model: igrf2000

West(-)/East(+) [10ft/in]

South(-)/North(+) [10ft/in]



# PathFinder Energy Services

## Survey Report

Page 1  
Job No: J-WT-0405-0058  
Date: 6/4/2004  
Time: 1:04 pm  
Wellpath ID: willowsv  
Date Created: 5/27/2004  
Last Revision: 6/4/2004

*Calculated using the Minimum Curvature Method  
Computed using PDS VER2.2.6  
Vertical Section Plane: 270.49 deg.*

Survey Reference: WELLHEAD  
Vertical Section Reference: USER DEFINED  
Closure Reference: WELLHEAD  
TVD Reference: WELLHEAD

Marbob Energy Corp.  
Willow State # 2  
L & M # 1  
Eddy County, New Mexico  
willowstate2

| Measured<br>Depth<br>(ft)       | Incl<br>(deg.) | Drift<br>Dir.<br>(deg.) | TVD<br>(ft) | Vertical<br>Section<br>(ft) | T O T A L<br>Rectangular Offsets<br>(ft) (ft) |         | DLS<br>(dg/100ft) | Build<br>Rate<br>(dg/100ft) |
|---------------------------------|----------------|-------------------------|-------------|-----------------------------|-----------------------------------------------|---------|-------------------|-----------------------------|
| Tie Into SDI Gyro               |                |                         |             |                             |                                               |         |                   |                             |
| 4301.00                         | 0.98           | 266.14                  | 4299.41     | 35.09                       | 24.67 S                                       | 35.30W  | 0.00              | 0.00                        |
| Start of Pathfinder MWD Surveys |                |                         |             |                             |                                               |         |                   |                             |
| 4334.00                         | 1.49           | 274.65                  | 4332.40     | 35.80                       | 24.65 S                                       | 36.01W  | 1.64              | 1.55                        |
| 4364.00                         | 3.78           | 288.45                  | 4362.37     | 37.13                       | 24.31 S                                       | 37.34W  | 7.87              | 7.63                        |
| 4396.00                         | 7.03           | 286.69                  | 4394.22     | 40.01                       | 23.41 S                                       | 40.21W  | 10.17             | 10.16                       |
| 4427.00                         | 10.99          | 286.78                  | 4424.83     | 44.67                       | 22.01 S                                       | 44.86W  | 12.77             | 12.77                       |
| 4458.00                         | 15.39          | 286.95                  | 4455.01     | 51.46                       | 19.96 S                                       | 51.63W  | 14.19             | 14.19                       |
| 4490.00                         | 20.22          | 286.69                  | 4485.47     | 60.84                       | 17.13 S                                       | 60.99W  | 15.10             | 15.09                       |
| 4521.00                         | 24.80          | 284.75                  | 4514.10     | 72.30                       | 13.94 S                                       | 72.42W  | 14.97             | 14.77                       |
| 4552.00                         | 28.84          | 281.33                  | 4541.76     | 85.95                       | 10.81 S                                       | 86.04W  | 13.95             | 13.03                       |
| 4584.00                         | 32.45          | 280.36                  | 4569.29     | 101.99                      | 7.75 S                                        | 102.06W | 11.39             | 11.28                       |
| 4616.00                         | 36.05          | 280.54                  | 4595.73     | 119.73                      | 4.48 S                                        | 119.77W | 11.25             | 11.25                       |
| 4647.00                         | 39.48          | 280.89                  | 4620.23     | 138.41                      | 0.95 S                                        | 138.42W | 11.09             | 11.06                       |
| 4678.00                         | 42.03          | 280.18                  | 4643.72     | 158.33                      | 2.74 N                                        | 158.31W | 8.36              | 8.23                        |
| 4708.00                         | 44.58          | 278.60                  | 4665.55     | 178.66                      | 6.09 N                                        | 178.61W | 9.24              | 8.50                        |
| 4740.00                         | 47.13          | 277.37                  | 4687.83     | 201.42                      | 9.28 N                                        | 201.35W | 8.43              | 7.97                        |
| 4771.00                         | 50.12          | 276.40                  | 4708.32     | 224.54                      | 12.06 N                                       | 224.44W | 9.93              | 9.65                        |
| 4802.00                         | 53.02          | 275.61                  | 4727.59     | 248.71                      | 14.60 N                                       | 248.59W | 9.57              | 9.35                        |
| 4833.00                         | 55.66          | 274.65                  | 4745.66     | 273.81                      | 16.85 N                                       | 273.68W | 8.88              | 8.52                        |
| 4865.00                         | 57.95          | 274.12                  | 4763.18     | 300.52                      | 18.89 N                                       | 300.37W | 7.29              | 7.16                        |
| 4896.00                         | 60.32          | 273.94                  | 4779.08     | 327.08                      | 20.76 N                                       | 326.92W | 7.66              | 7.65                        |
| 4927.00                         | 63.93          | 274.91                  | 4793.57     | 354.41                      | 22.88 N                                       | 354.23W | 11.97             | 11.65                       |
| 4958.00                         | 68.06          | 274.65                  | 4806.18     | 382.65                      | 25.24 N                                       | 382.45W | 13.34             | 13.32                       |
| 4990.00                         | 72.55          | 273.50                  | 4816.96     | 412.71                      | 27.37 N                                       | 412.49W | 14.43             | 14.03                       |
| 5022.00                         | 77.65          | 272.63                  | 4825.19     | 443.59                      | 29.02 N                                       | 443.36W | 16.15             | 15.94                       |

# PathFinder Energy Services

## Survey Report

Page 2  
Date: 6/4/2004  
Wellpath ID: willowsv

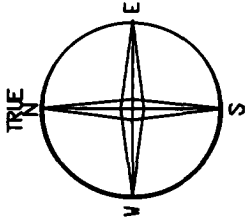
| Measured<br>Depth<br>(ft) | Incl<br>(deg.) | Drift<br>Dir.<br>(deg.) | TVD<br>(ft) | Vertical<br>Section<br>(ft) | T O T A L<br>Rectangular Offsets<br>(ft) (ft) |          | DLS<br>(dg/100ft) | Build<br>Rate<br>(dg/100ft) |
|---------------------------|----------------|-------------------------|-------------|-----------------------------|-----------------------------------------------|----------|-------------------|-----------------------------|
| 5053.00                   | 82.48          | 271.92                  | 4830.53     | 474.10                      | 30.24 N                                       | 473.86W  | 15.74             | 15.58                       |
| 5084.00                   | 85.91          | 269.64                  | 4833.67     | 504.94                      | 30.65 N                                       | 504.69W  | 13.26             | 11.06                       |
| 5115.00                   | 87.67          | 268.49                  | 4835.40     | 535.88                      | 30.15 N                                       | 535.64W  | 6.78              | 5.68                        |
| 5146.00                   | 88.37          | 268.93                  | 4836.47     | 566.84                      | 29.45 N                                       | 566.61W  | 2.67              | 2.26                        |
| 5176.00                   | 90.92          | 269.73                  | 4836.66     | 596.83                      | 29.10 N                                       | 596.61W  | 8.91              | 8.50                        |
| 5207.00                   | 91.54          | 269.64                  | 4836.00     | 627.82                      | 28.93 N                                       | 627.60W  | 2.02              | 2.00                        |
| 5269.00                   | 91.89          | 269.73                  | 4834.14     | 689.79                      | 28.59 N                                       | 689.57W  | 0.58              | 0.56                        |
| 5331.00                   | 90.31          | 269.20                  | 4832.95     | 751.77                      | 28.01 N                                       | 751.55W  | 2.69              | -2.55                       |
| 5394.00                   | 90.92          | 269.99                  | 4832.27     | 814.75                      | 27.56 N                                       | 814.55W  | 1.58              | 0.97                        |
| 5457.00                   | 90.22          | 269.11                  | 4831.65     | 877.74                      | 27.07 N                                       | 877.54W  | 1.78              | -1.11                       |
| 5520.00                   | 89.43          | 267.88                  | 4831.84     | 940.70                      | 25.41 N                                       | 940.52W  | 2.32              | -1.25                       |
| 5581.00                   | 89.96          | 267.62                  | 4832.16     | 1001.63                     | 23.02 N                                       | 1001.47W | 0.97              | 0.87                        |
| 5645.00                   | 86.26          | 265.77                  | 4834.27     | 1065.44                     | 19.33 N                                       | 1065.31W | 6.46              | -5.78                       |
| 5708.00                   | 87.41          | 267.00                  | 4837.75     | 1128.18                     | 15.37 N                                       | 1128.09W | 2.67              | 1.83                        |
| 5738.00                   | 87.76          | 267.18                  | 4839.02     | 1158.10                     | 13.85 N                                       | 1158.03W | 1.31              | 1.17                        |
| 5770.00                   | 88.02          | 266.83                  | 4840.19     | 1190.02                     | 12.18 N                                       | 1189.96W | 1.36              | 0.81                        |
| 5801.00                   | 89.08          | 267.62                  | 4840.98     | 1220.96                     | 10.68 N                                       | 1220.91W | 4.26              | 3.42                        |
| 5831.00                   | 89.78          | 269.02                  | 4841.28     | 1250.94                     | 9.80 N                                        | 1250.90W | 5.22              | 2.33                        |
| 5894.00                   | 91.98          | 274.65                  | 4840.31     | 1313.88                     | 11.81 N                                       | 1313.83W | 9.59              | 3.49                        |
| 5957.00                   | 92.59          | 275.96                  | 4837.80     | 1376.61                     | 17.63 N                                       | 1376.51W | 2.29              | 0.97                        |
| 6020.00                   | 92.33          | 275.88                  | 4835.09     | 1439.27                     | 24.12 N                                       | 1439.11W | 0.43              | -0.41                       |
| 6083.00                   | 94.18          | 276.40                  | 4831.52     | 1501.86                     | 30.85 N                                       | 1501.65W | 3.05              | 2.94                        |
| 6145.00                   | 93.65          | 274.12                  | 4827.28     | 1563.49                     | 36.52 N                                       | 1563.24W | 3.77              | -0.85                       |
| 6208.00                   | 91.63          | 273.07                  | 4824.38     | 1626.33                     | 40.47 N                                       | 1626.04W | 3.61              | -3.21                       |
| 6271.00                   | 90.48          | 272.10                  | 4823.22     | 1689.28                     | 43.31 N                                       | 1688.97W | 2.39              | -1.83                       |
| 6334.00                   | 91.28          | 271.48                  | 4822.25     | 1752.25                     | 45.27 N                                       | 1751.93W | 1.61              | 1.27                        |
| 6365.00                   | 91.80          | 271.31                  | 4821.42     | 1783.24                     | 46.03 N                                       | 1782.91W | 1.76              | 1.68                        |
| Projected to TD           |                |                         |             |                             |                                               |          |                   |                             |
| 6425.00                   | 91.80          | 271.31                  | 4819.53     | 1843.20                     | 47.40 N                                       | 1842.86W | 0.00              | 0.00                        |



MarBob Energy  
Willow State #2  
L&M #1

Eddy, Co. NM  
Sec. 3-T25S-R28E Eddy, NM  
Wellplan #2

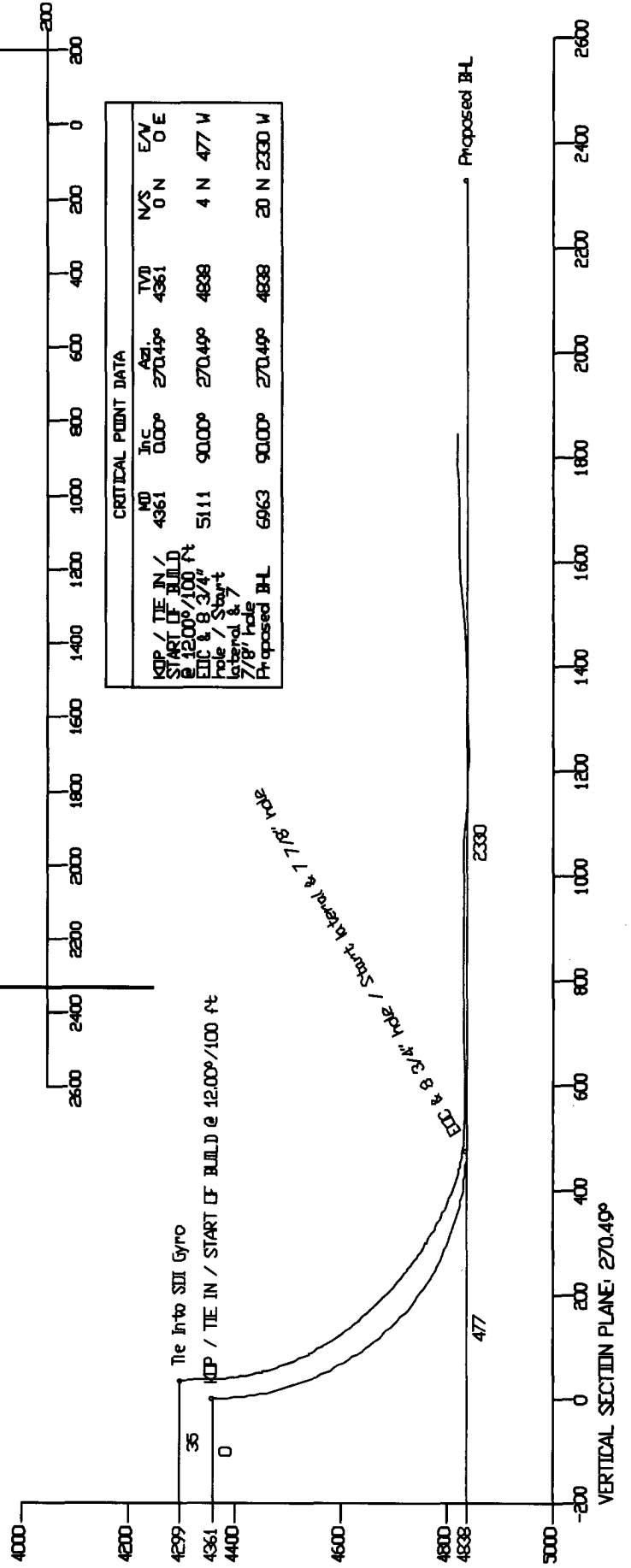
6/4/2004 1:06 pm



HORIZONTAL VIEW  
SCALE 200 FT. / DIVISION  
SURVEY REF. WELLHEAD

| PROPOSED IHL |           |
|--------------|-----------|
| TVD          | 4838.00   |
| MD           | 6963.15   |
| VS           | 2330.09   |
| N/S          | 20.00 N   |
| E/W          | 2330.00 W |

VERTICAL VIEW  
SCALE 200 FT. / DIVISION  
TVD REF. WELLHEAD  
VERTICAL SECTION REF. WELLHEAD



| CRITICAL POINT DATA                              |      |        |         |      |             |
|--------------------------------------------------|------|--------|---------|------|-------------|
| KOP / TIE IN / START OF BUILD @ 12.00°/100 ft    | MD   | InC    | Azi     | TVD  | E/W         |
| EDIC @ 8 3/4" hole / Start lateral @ 7 7/8" hole | 4361 | 0.00°  | 270.49° | 4361 | 0 N 0 E     |
| Proposed IHL                                     | 5111 | 90.00° | 270.49° | 4838 | 4 N 477 W   |
| Proposed IHL                                     | 6963 | 90.00° | 270.49° | 4838 | 20 N 2330 W |