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|---|------------------------|--|--|--|---|---|--|
| API No. <u>42-211-34053</u> Drilling Permit # <u>648625</u> SWR Exception Case/Docket No. _____ | | RAILROAD COMMISSION OF TEXAS OIL & GAS DIVISION APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER <i>This facsimile W-1 was generated electronically from data submitted to the RRC.</i> <i>A certification of the automated data is available in the RRC's Austin office.</i> | | | | FORM W-1 07/2004 Permit Status: Approved | |
| 1. RRC Operator No. <u>681486</u> | | 2. Operator's Name (as shown on form P-5, Organization Report) PROTEGE ENERGY LLC | | | 3. Operator Address (include street, city, state, zip): | | |
| 4. Lease Name HARDIN 77 | | 5. Well No. <u>4</u> | | | | | |
| GENERAL INFORMATION | | | | | | | |
| 6. Purpose of filing (mark ALL appropriate boxes): <input checked="" type="checkbox"/> New Drill <input type="checkbox"/> Recompletion <input type="checkbox"/> Reclass <input type="checkbox"/> Field Transfer <input type="checkbox"/> Re-Enter <input type="checkbox"/> Amended <input type="checkbox"/> Amended as Drilled (BHL) (Also File Form W-1D) | | | | | | | |
| 7. Wellbore Profile (mark ALL appropriate boxes): <input checked="" type="checkbox"/> Vertical <input type="checkbox"/> Horizontal (Also File Form W-1H) <input type="checkbox"/> Directional (Also File Form W-1D) <input type="checkbox"/> Sidetrack | | | | | | | |
| 8. Total Depth <u>14000</u> | | 9. Do you have the right to develop the minerals under any right-of-way ? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | 10. Is this well subject to Statewide Rule 36 (hydrogen sulfide area)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | |
| SURFACE LOCATION AND ACREAGE INFORMATION | | | | | | | |
| 11. RRC District No. <u>10</u> | | 12. County HEMPHILL | | 13. Surface Location <input checked="" type="checkbox"/> Land <input type="checkbox"/> Bay/Estuary <input type="checkbox"/> Inland Waterway <input type="checkbox"/> Offshore | | | |
| 14. This well is to be located <u>14</u> miles in a <u>SW</u> direction from <u>CANADIAN</u> which is the nearest town in the county of the well site. | | | | | | | |
| 15. Section <u>77</u> | 16. Block <u>A2</u> | 17. Survey H&GN RR CO | | 18. Abstract No. <u>A-124</u> | 19. Distance to nearest lease line: <u>660</u> ft. | 20. Number of contiguous acres in lease, pooled unit, or unitized tract: <u>640</u> | |
| 21. Lease Perpendiculars: <u>660</u> ft from the <u>NORTH</u> line and <u>1980</u> ft from the <u>WEST</u> line. 22. Survey Perpendiculars: <u>660</u> ft from the <u>NORTH</u> line and <u>1980</u> ft from the <u>WEST</u> line. | | | | | | | |
| 23. Is this a pooled unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | 24. Unitization Docket No: | | 25. Are you applying for Substandard Acreage Field? <input type="checkbox"/> Yes (attach Form W-1A) <input checked="" type="checkbox"/> No | | | |
| FIELD INFORMATION List all fields of anticipated completion including Wildcat. List one zone per line. | | | | | | | |
| 26. RRC District No. | 27. Field No. | 28. Field Name (exactly as shown in RRC records) | | 29. Well Type | 30. Completion Depth | 31. Distance to Nearest Well in this Reservoir | |
| 10 | 60462500 | MENDOTA, NW. (GRANITE WASH) | | Oil or Gas Well | 11400 | 2166.00 | |
| 10 | 40311200 | HEMPHILL (GRANITE WASH.) | | Oil or Gas Well | 10350 | 2166.00 | |
| 10 | 83452300 | SHREIKEY, E. (MORROW UPPER) | | Gas Well | 12280 | 2166.00 | |
| 10 | 00024001 | WILDCAT | | Oil or Gas Well | 12400 | 2166.00 | |
| 32. Number of Wells on this lease in this Reservoir | | | | | | | |
| BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS <div style="display: flex; justify-content: space-between;"> <div style="width: 55%;"> Remarks [FILER Oct 29, 2007 3:41 PM]: Leave permit open; plan to downhole commingle. </div> <div style="width: 40%;"> Certificate: I certify that information stated in this application is true and complete, to the best of my knowledge. <div style="display: flex; justify-content: space-between;"> <div> <u>Jody Boyd Ms, Ms, Operations Tech</u> Name of filer <u>(918)7283092</u> Phone </div> <div> <u>Oct 29, 2007</u> Date submitted <u>jboyd@protege-energy.com</u> E-mail Address (OPTIONAL) </div> </div> </div> </div> | | | | | | | |
| RRC Use Only Data Validation Time Stamp: Nov 5, 2007 1:07 PM('As Approved' Version) | | | | | | | |

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|-----------|---|-----------|-----------|--------------|-------------|---------------------------|---------------|---------------|-----------|--------------|
| COMPANY | PROTEGE ENERGY LLC | | LEASE | HARDIN 77 | | WELL NO. | 4 | | | |
| SECTION | 77 | BLOCK NO. | A-2 | | SURVEY NAME | H.& G.N. | | LOCATION | 660 FNL | 1980 FWL |
| COUNTY | HEMPHILL | | STATE | TEXAS | | TOPOGRAPHY AND VEGETATION | ROUGH PASTURE | | | |
| LATITUDE | 35°44'55.4" | | LONGITUDE | 100°30'58.6" | | NAD27 | DIGTESS No. | 3544301003100 | ELEVATION | 2686' NGVD29 |
| DIRECTION | APPROXIMATELY 14 MILES SOUTHWEST OF CANADIAN, TEXAS | | | | | | DATE STAKED | 10/23/07 | | |

FNC COR
 SEC 78
 SEC 77
 SEC 76
 5290.5'
 N 00°34'50" W
 1980'
 NAD-27
 TEXAS NORTH
 X = 2,291,898
 Y = 637,914
 660'
 SURFACE LOCATION
 2166'
 HARDIN #2
 HARDIN #3
 HARDIN 77
 SWD #1
 HARDIN #1
 COUNTY ROAD "W"
 5286.8'
 N 89°48'55" W
 Scale 1" = 1000'
 5/8" I.R. FND
 SEC 59
 SEC 60
 SEC 77
 SEC 61
 80d NAIL FND
 S 89°50'24" E 5303.3'
 S 00°24'06" E 5292.6'

1. The above DOES NOT represent a true Boundary Survey. The footages and brqs shown are from lines of occupation which may not be actual Property Lines.
2. BEARINGS are based on Geodetic Azimuth. Unless otherwise noted.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD
NOTES OF ACTUAL SURVEYS MADE BY MYSELF OR OTHERS UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST
OF MY KNOWLEDGE AND BELIEF.

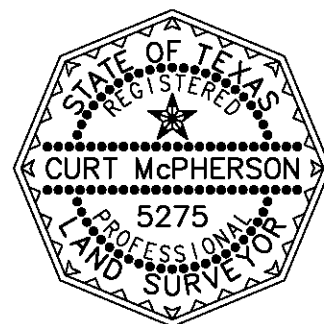
SIGNED: _____ DATED: 10/24/07



311 MAIN STREET
CANADIAN, TEXAS 79014
806-323-9773

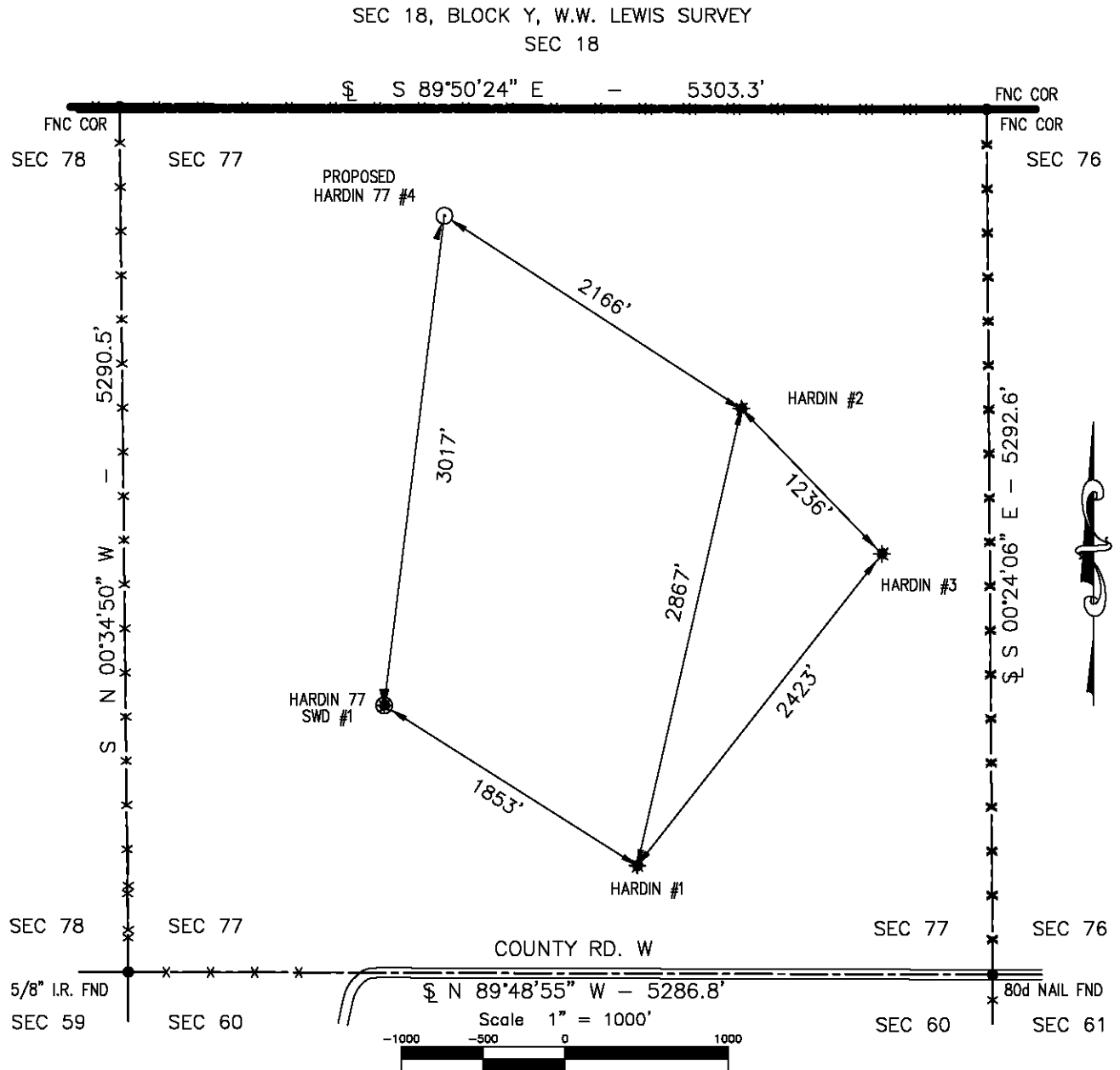


| | |
|-----------|-----------------|
| FIELD: | CMc,GPS |
| DRAWN: | MLS |
| DATE: | 10/23/07 |
| CHECKED: | JRD |
| REVISION: | RETAKE 10/23/07 |



| | |
|---------|-------------|
| JOB NO. | 207-683-1.1 |
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HARDIN LEASE



APEX
SURVEYING & MAPPING, INC.
TEXAS * OKLAHOMA * KANSAS

1619 S KENTUCKY B-202
AMARILLO, TEXAS 79102
806-353-7231

311 MAIN STREET
CANADIAN, TEXAS 79014
806-323-9773



| | |
|-----------|----------|
| FIELD: | CBM, GPS |
| DRAWN: | JRD |
| DATE: | 10/04/07 |
| CHECKED: | JRD |
| REVISION: | |

JOB NO. 207-683-5