

API No. <u>42-419-31354</u> Drilling Permit # <u>669301</u> SWR Exception Case/Docket No. _____		<b>RAILROAD COMMISSION OF TEXAS</b> <b>OIL &amp; GAS DIVISION</b> <b>APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER</b> <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>				<b>FORM W-1</b> 07/2004 Permit Status: <b>Approved</b>	
1. RRC Operator No. <div style="text-align: center;">250595</div>		2. Operator's Name (as shown on form P-5, Organization Report) <div style="text-align: center;">ELLORA OPERATING, L.P.</div>			3. Operator Address (include street, city, state, zip): <div style="text-align: center;">5665 FLATIRON PARKWAY BOULDER, CO 80301</div>		
4. Lease Name <div style="text-align: center;">MYLIN UNIT</div>			5. Well No. <div style="text-align: center;">3H</div>				
GENERAL INFORMATION							
6. Purpose of filing (mark ALL appropriate boxes): <div style="display: flex; justify-content: space-between;"> <span><input checked="" type="checkbox"/> New Drill</span> <span><input type="checkbox"/> Recompletion</span> <span><input type="checkbox"/> Reclass</span> <span><input type="checkbox"/> Field Transfer</span> <span><input type="checkbox"/> Re-Enter</span> </div> <div style="display: flex; justify-content: space-between;"> <span><input checked="" type="checkbox"/> Amended</span> <span><input type="checkbox"/> Amended as Drilled (BHL) (Also File Form W-1D)</span> </div>							
7. Wellbore Profile (mark ALL appropriate boxes): <div style="display: flex; justify-content: space-between;"> <span><input type="checkbox"/> Vertical</span> <span><input checked="" type="checkbox"/> Horizontal (Also File Form W-1H)</span> <span><input type="checkbox"/> Directional (Also File Form W-1D)</span> <span><input type="checkbox"/> Sidetrack</span> </div>							
8. Total Depth <div style="text-align: center;">6543</div>		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. <div style="text-align: center;">06</div>		12. County <div style="text-align: center;">SHELBY</div>		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>1.2</u> miles in a <u>NE</u> direction from <u>DREKA</u> which is the nearest town in the county of the well site.							
15. Section <div style="text-align: center;">LATHAM, J</div>		16. Block <div style="text-align: center;">LATHAM, J</div>		17. Survey <div style="text-align: center;">LATHAM, J</div>		18. Abstract No. <div style="text-align: center;">A-419</div>	
				19. Distance to nearest lease line: <div style="text-align: center;">589 ft.</div>		20. Number of contiguous acres in lease, pooled unit, or unitized tract: <div style="text-align: center;">732.02</div>	
21. Lease Perpendiculars: <u>508</u> ft from the <u>N</u> line and <u>1613</u> ft from the <u>W</u> line. 22. Survey Perpendiculars: <u>3115</u> ft from the <u>SE(RIVER)</u> line and <u>2501</u> ft from the <u>SW</u> line.							
23. Is this a pooled unit? <input checked="" type="checkbox"/> Yes <input 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 <b>List all fields of anticipated completion including Wildcat. List one zone per line.</b>							
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	
06	43940850	HUXLEY (6100)		Gas Well	6340	0.00	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)							
<b>Remarks</b> [FILER Jan 16, 2009 3:08 PM]: RMKS ON W1:*AMEND FOR COMPLETION:REVISE SURFACE LOCATION & ADD 2 LATERALS. *RULE 37(LEASE LINE EXCEPTION)NO LONGER APPLICABLE AS WELL PATH COMPLETED AT LEGAL LOCATION. "AS-DRILLED" PLAT. W-1H AND UPDATED P-12(REVISED UNIT ACREAGE TOTAL & TRACT OWNERSHIP)ATTACHED.				<b>Certificate:</b> 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>&lt; Mail in Application &gt;</u>            Name of filer         </div> <div> <u>Jan 16, 2009</u>            Date submitted         </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>           Phone _____            E-mail Address (OPTIONAL) _____         </div> </div>			
RRC Use Only Data Validation Time Stamp: Jan 29, 2009 8:24 AM( 'As Approved' Version )							

Permit Status: **Approved**

*The RRC has not approved this application.  
Duplication or distribution of information is  
at the user's own risk.*

# RAILROAD COMMISSION OF TEXAS OIL & GAS DIVISION

**Form W-1H**  
Supplemental Horizontal Well Information

07/2004

## APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER

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A certification of the automated data is available in the RRC's Austin office.*

Permit # **669301**

Approved Date: **Jan 29, 2009**

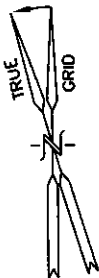
1. RRC Operator No. <b>250595</b>	2. Operator's Name (exactly as shown on form P-5, Organization Report) <b>ELLORA OPERATING, L.P.</b>	3. Lease Name <b>MYLIN UNIT</b>	4. Well No. <b>3H</b>
<b>Lateral Drainhole Location Information</b>			
5. Field as shown on Form W-1 <b>HUXLEY (6100) (Field # 43940850, RRC District 06)</b>			
6. Section	7. Block	8. Survey <b>DUNN, W H</b>	9. Abstract <b>148</b>
10. County of BHL <b>SHELBY</b>			
11. Terminus Lease Line Perpendiculars <b>4004</b> ft. from the <b>N</b> line. and <b>734</b> ft. from the <b>W</b> line			
12. Terminus Survey Line Perpendiculars <b>86</b> ft. from the <b>N(RIVER)</b> line. and <b>1723</b> ft. from the <b>Ext. W</b> line			
13. Penetration Point Lease Line Perpendiculars <b>847</b> ft. from the <b>N</b> line. and <b>605</b> ft. from the <b>W</b> line			
5. Field as shown on Form W-1 <b>HUXLEY (6100) (Field # 43940850, RRC District 06)</b>			
6. Section	7. Block	8. Survey <b>DUNN, W H</b>	9. Abstract <b>148</b>
10. County of BHL <b>SHELBY</b>			
11. Terminus Lease Line Perpendiculars <b>2902</b> ft. from the <b>SE</b> line. and <b>699</b> ft. from the <b>W</b> line			
12. Terminus Survey Line Perpendiculars <b>2392</b> ft. from the <b>N(RIVER)</b> line. and <b>931</b> ft. from the <b>SW</b> line			
13. Penetration Point Lease Line Perpendiculars <b>847</b> ft. from the <b>N</b> line. and <b>605</b> ft. from the <b>W</b> line			
5. Field as shown on Form W-1 <b>HUXLEY (6100) (Field # 43940850, RRC District 06)</b>			
6. Section	7. Block	8. Survey <b>DUNN, W H</b>	9. Abstract <b>148</b>
10. County of BHL <b>SHELBY</b>			
11. Terminus Lease Line Perpendiculars <b>1279</b> ft. from the <b>SE</b> line. and <b>589</b> ft. from the <b>W</b> line			
12. Terminus Survey Line Perpendiculars <b>4288</b> ft. from the <b>N(RIVER)</b> line. and <b>57</b> ft. from the <b>SW</b> line			
13. Penetration Point Lease Line Perpendiculars <b>847</b> ft. from the <b>N</b> line. and <b>605</b> ft. from the <b>W</b> line			

**\*\* NOTES \*\***

This plat does not represent a boundary survey.  
Acreages shown hereon are deed called or  
calculated from deeds furnished by others.  
Monumentation shown hereon was found.  
Surface Location ties are shown from the  
Surface Location as proposed.  
The Bearing Base is "GRID", N.A.D. 83' Datum,  
Tx. Central Zone, Convergence: +03'17"15".5  
at the Surface Location.

- |                          |                                   |
|--------------------------|-----------------------------------|
| 1 - CALLED 13.4305 ACRES | THE PATTERSON FAMILY LIVING TRUST |
| 2 - CALLED 25.79 ACRES   | BETTY MCLAUGHLIN, et al           |
| 3 - CALLED 19.40 ACRES   | KELLY O'REAR                      |
| 4 - CALLED 3.48 ACRES    | VIRGINIA HELPINSTILL, et al       |
| 5 - CALLED 20.64 ACRES   | TAYLOR DAVID JOHNSON              |
| 6 - CALLED 54.80 ACRES   | ALEXANDER K. MCRAE                |
| 7 - CALLED 50.61 ACRES   | FRANK E. PARKER, et al            |

N.A.D. 83' DATUM/TEXAS CENTRAL ZONE +03'17"15".5  
\*\* SURFACE LOCATION WELL 3H \*\*  
N: 10635820.93  
E: 4280786.67  
LAT.: 31'41"28".73  
LONG.: 93'57'01".79



**JOHN LATHAM**  
A-419

ELLORA OPERATING, LP  
O'REAR UNIT 1-H

ELLORA OPERATING, LP  
O'REAR UNIT 2-H

**WM. PIERPOINT**  
A-558

N.A.D. 27' DATUM/TEXAS CENTRAL ZONE

- \*\* SURFACE LOCATION WELL 3H \*\*  
N: 793236.45  
E: 3984308.05  
LAT.: 31'41"28".10  
LONG.: 93'57'01".10  
\*\* PENETRATION POINT WELL 3H \*\*  
N: 792974.80  
E: 3983264.13  
LAT.: 31'41"26".11  
LONG.: 93'57'13".34  
\*\* TERMINUS LOCATION 1 \*\*  
N: 787416.03  
E: 3983081.73  
LAT.: 31'40"31".29  
LONG.: 93'57'19".13  
\*\* TERMINUS LOCATION 2 \*\*  
N: 785519.50  
E: 3983027.86  
LAT.: 31'40"12".58  
LONG.: 93'57'21".01  
\*\* TERMINUS LOCATION 3 \*\*  
N: 789427.74  
E: 3982992.47  
LAT.: 31'40"51".22  
LONG.: 93'57'18".83

**T. J. McKEE**  
A-473

ELLORA OPERATING, LP  
MURPHY SOUTH UNIT

**WM. H. DUNN**  
A-148

NUMBER	DIRECTION	DISTANCE
T1	N 79°44' W	164'
T2	N 76°28' W	282'
T3	N 73°21' W	594'
T4	S 04°21' W	528'
T5	S 02°38' W	798'
T6	S 02°29' W	3228'
T7	S 00°14' W	1537'
T8	S 05°20' W	952'
T9	S 02°13' W	3704'
T10	S 00°44' W	1897'
T11	S 01°14' E	909'
T12	S 05°24' W	791'
T13	S 07°10' W	1362'
T14	S 03°27' W	506'
T15	S 00°12' E	904'

**F. WEAVER**  
A-1176

MYLIN UNIT 3H  
TERMINUS LOCATION 1  
12,344' MD

MYLIN UNIT 3H  
TERMINUS LOCATION 2  
14,248' MD

**WM. ELGIN**  
A-194

**ASA BIGGS**  
A-59

AS DRILLED PLAT  
ELLORA OPERATING, L.P.  
MYLIN UNIT #3H  
SHELBY COUNTY, TEXAS  
SCALE: 1" = 1000'

- |                          |                                    |
|--------------------------|------------------------------------|
| 8 - CALLED 115.00 ACRES  | USA - TXNM 115032                  |
| 9 - CALLED 21.56 ACRES   | RUSTY JONES, et al                 |
| 10 - CALLED 12.00 ACRES  | J. T. CANTWELL, et al              |
| 11 - CALLED 13.39 ACRES  | UVA DELL TAMPLIN                   |
| 12 - CALLED 12.50 ACRES  | OZELL CLARK, et al                 |
| 13 - CALLED 12.60 ACRES  | ALMA JONES, et al                  |
| 14 - CALLED 40.280 ACRES | DONALD W. SAMPLE, et al            |
| 15 - CALLED 23.90 ACRES  | RONALD G. SAMPLE, et al            |
| 16 - CALLED 10.503 ACRES | STEPHEN CURTIS CROSBY, et al       |
| 17 - CALLED 1.61 ACRES   | ROGER L. BEATHARD, et al           |
| 18 - CALLED 108.00 ACRES | HOMER R. ROCKHOLD, et al           |
| 19 - CALLED 49.41 ACRES  | MILDRED BENTON, et al              |
| 20 - CALLED 3.60 ACRES   | WINONA PERKINS MARTIN, et al       |
| 21 - CALLED 25.80 ACRES  | GARY DEAN MCKEY, et al             |
| 22 - CALLED 2.06 ACRES   | SHIRLEY REYNOLDS HARRINGTON        |
| 23 - CALLED 1.00 ACRES   | EARL WAGSTAFF, et al               |
| 24 - CALLED 5.00 ACRES   | MARSHALL GARLAND REYNOLDS          |
| 25 - CALLED 12.720 ACRES | FRANCES REYNOLDS BYRD, et al       |
| 26 - CALLED 12.720 ACRES | SHIRLEY REYNOLDS HARRINGTON, et al |
| 27 - CALLED 9.7 ACRES    | DANIEL J. HARRINGTON, et ux        |
| 28 - CALLED 17.52 ACRES  | CHARLES GLENN BRAGG, et al         |
| 29 - CALLED 13.93 ACRES  | RICKIE D. SIMS, et ux              |
| 30 - CALLED 5.23 ACRES   | BILLY F. WHITE, et al              |
| 31 - CALLED 7.81 ACRES   | CLAUSSELLE OWENS, et al            |
| 32 - CALLED 0.44 ACRES   | SHIRLEY SIMS SUTTON, et al         |
| 33 - CALLED 2.61 ACRES   | GREGG BLACKSTOCK                   |
| 34 - CALLED 1.38 ACRES   | ROGER WAGSTAFF, et al              |
| 35 - CALLED 0.30 ACRES   | ROGER WAGSTAFF, et ux              |
| 36 - CALLED 1.00 ACRES   | EARL WAGSTAFF, et al               |
| 37 - CALLED 0.30 ACRES   | DANIEL J. HARRINGTON, et ux        |
- 732.0235 TOTAL CALLED ACRES IN UNIT & DRUG UNIT

I hereby certify that the contents hereon are true and correct  
to the best of my knowledge.

Randy M. Verret, Manager-Business & Regulatory Affairs

1000 0 1000  
Scale: 1" = 1000'

Surface Location is located  
Northeast 1.2 miles from Dreka  
"PATROON NORTH" Quadrangle