

API No. <u>42-283-32822</u> Drilling Permit # <u>725775</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. 147715		2. Operator's Name (as shown on form P-5, Organization Report) CHESAPEAKE OPERATING, INC.			3. Operator Address (include street, city, state, zip):		
4. Lease Name BROKEN ARROW RANCH LAS		5. Well No. A 5H					
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 type="checkbox"/> Vertical <input checked="" type="checkbox"/> Horizontal (Also File Form W-1H) <input type="checkbox"/> Directional (Also File Form W-1D) <input type="checkbox"/> Sidetrack							
8. Total Depth 12000		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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
SURFACE LOCATION AND ACREAGE INFORMATION							
11. RRC District No. 01		12. County LA SALLE		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>11.24</u> miles in a <u>SE</u> direction from <u>Cotulla</u> which is the nearest town in the county of the well site.							
15. Section 764 1/2	16. Block	17. Survey BUNTON, MRS H		18. Abstract No. A-1520	19. Distance to nearest lease line: <u>100</u> ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: 1277.32	
21. Lease Perpendiculars: <u>1503</u> ft from the <u>W</u> line and <u>3081</u> ft from the <u>S</u> line. 22. Survey Perpendiculars: <u>930</u> ft from the <u>E</u> line and <u>7576</u> ft from the <u>N</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	
01	27135700	EAGLEVILLE (EAGLE FORD-1)		Oil Well	12000	2045.00	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)							
Remarks 				Certificate: I certify that information stated in this application is true and complete, to the best of my knowledge.			
				_____ Name of filer			
RRC Use Only				_____ Date submitted			
				_____ Phone			
Data Validation Time Stamp: Oct 7, 2011 4:07 PM('As Approved' Version)				_____ E-mail Address (OPTIONAL)			
				_____ E-mail Address (OPTIONAL)			

Permit Status: Approved <i>The RRC has not approved this application. Duplication or distribution of information is at the user's own risk.</i>

**RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION**

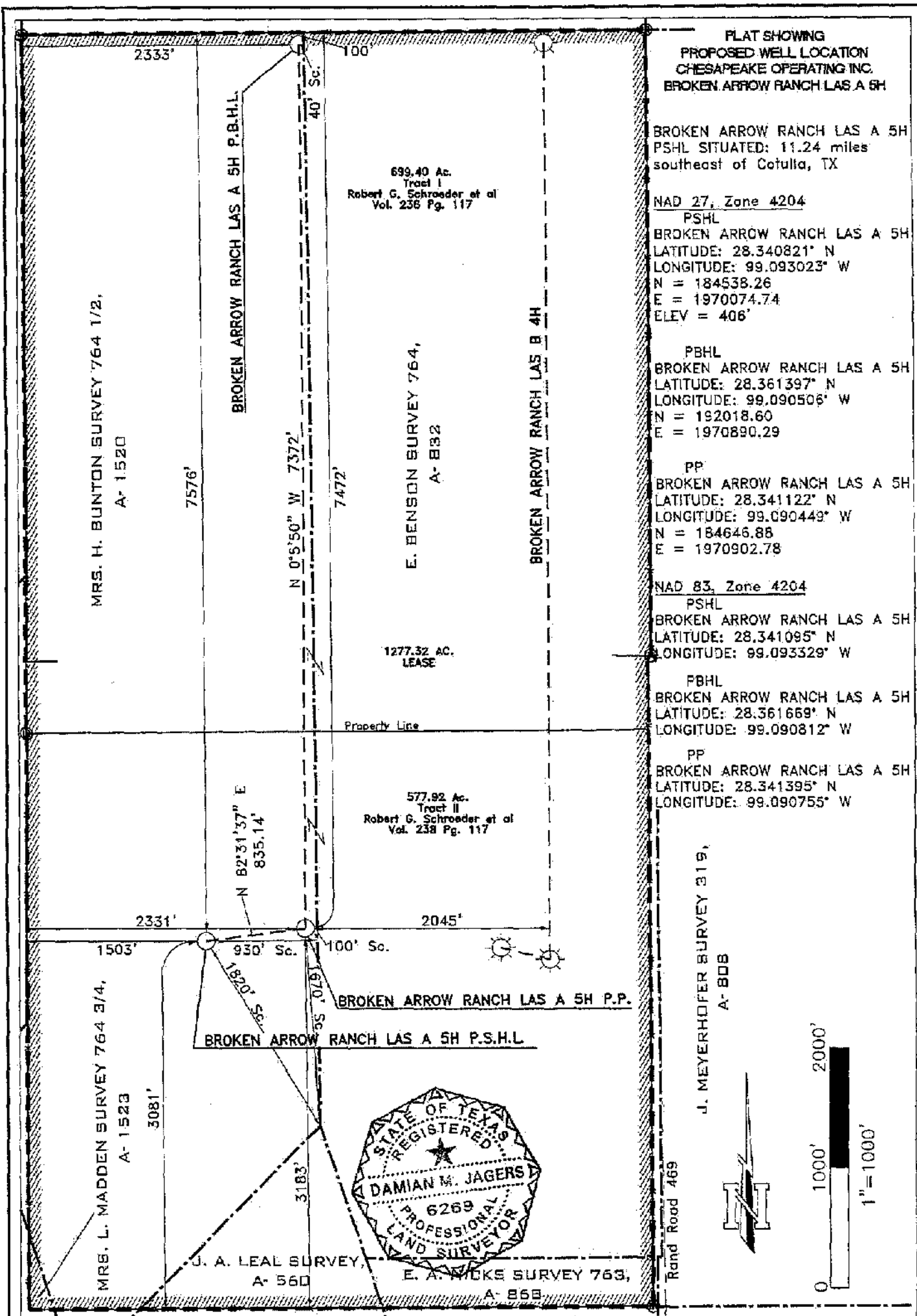
Form W-1H 07/2004
Supplemental Horizontal Well Information

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

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Permit #	725775
Approved Date:	Oct 07, 2011

1. RRC Operator No. 147715	2. Operator's Name (exactly as shown on form P-5, Organization Report) CHESAPEAKE OPERATING, INC.	3. Lease Name BROKEN ARROW RANCH LAS	4. Well No. A 5H
Lateral Drainhole Location Information			
5. Field as shown on Form W-1 EAGLEVILLE (EAGLE FORD-1) (Field # 27135700, RRC District 01)			
6. Section 764 1/2	7. Block	8. Survey BUNTON, MRS H	9. Abstract 1520
10. County of BHL LA SALLE			
11. Terminus Lease Line Perpendiculars 100 ft. from the N line. and 2333 ft. from the W line			
12. Terminus Survey Line Perpendiculars 100 ft. from the N line. and 40 ft. from the E line			
13. Penetration Point Lease Line Perpendiculars 2331 ft. from the W line. and 3183 ft. from the S line			



**FLAT SHOWING
PROPOSED WELL LOCATION
CHESAPEAKE OPERATING INC.
BROKEN ARROW RANCH LAS A 5H**

**BROKEN ARROW RANCH LAS A 5H
PSHL SITUATED: 11.24 miles
southeast of Cotulla, TX**

NAD 27, Zone 4204
PSHL
BROKEN ARROW RANCH LAS A 5H
LATITUDE: 28.340821° N
LONGITUDE: 99.093023° W
N = 184538.26
E = 1970074.74
ELEV = 406'

PBHL
BROKEN ARROW RANCH LAS A 5H
LATITUDE: 28.361397° N
LONGITUDE: 99.090506° W
N = 192018.60
E = 1970890.29

PP
BROKEN ARROW RANCH LAS A 5H
LATITUDE: 28.341122° N
LONGITUDE: 99.090449° W
N = 184646.88
E = 1970902.78

NAD 83, Zone 4204
PSHL
BROKEN ARROW RANCH LAS A 5H
LATITUDE: 28.341095° N
LONGITUDE: 99.093329° W

PBHL
BROKEN ARROW RANCH LAS A 5H
LATITUDE: 28.361669° N
LONGITUDE: 99.090812° W

PP
BROKEN ARROW RANCH LAS A 5H
LATITUDE: 28.341395° N
LONGITUDE: 99.090755° W

NOTE: This Plat does not, in anyway represent a "Boundary Survey", and does not comply with the current T.B.P.L.S. Minimum Standards of Procedures for Boundary Surveys. Acreage shown herein were furnished by others. The information contained on this plat is intended for the sole use of CHESAPEAKE OPERATING INC.

I, Damian M. Jaggers do hereby certify that the above described well location was staked on the ground under my supervision, as shown.

Damian M. Jaggers Oct. 5, 2011
DAMIAN M. JAGGERS
REGISTERED PROFESSIONAL LAND SURVEYOR
TEXAS REGISTRATION NO. 6269