

API No. <u>42-127-34639</u> Drilling Permit # <u>736116</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): ATTN CHRISTIAN COMBS PO BOX 18496 OKLAHOMA CITY, OK 73154			
4. Lease Name FLAT CREEK UNIT A DIM		5. Well No. 2H					
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 9000		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 DIMMIT		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>5.9</u> miles in a <u>SE</u> direction from <u>Asherton</u> which is the nearest town in the county of the well site.							
15. Section 43		16. Block 43		17. Survey T&NO RR CO		18. Abstract No. A-751	
				19. Distance to nearest lease line: 100 ft.		20. Number of contiguous acres in lease, pooled unit, or unitized tract: 396.37	
21. Lease Perpendiculars: <u>1232</u> ft from the <u>W</u> line and <u>362</u> ft from the <u>N</u> line. 22. Survey Perpendiculars: <u>1232</u> ft from the <u>W</u> line and <u>362</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	12018200	BRISCOE RANCH (EAGLEFORD)		Oil Well	9000	0.00	
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.			
				<div style="display: flex; justify-content: space-between;"> <div> <u>Bill Spencer, Consultant</u> Name of filer </div> <div> <u>Mar 14, 2012</u> Date submitted </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> <u>(512)9181062</u> Phone </div> <div> <u>bill@spencerconsulting.org</u> E-mail Address (OPTIONAL) </div> </div>			
RRC Use Only							
Data Validation Time Stamp: Mar 27, 2012 11:07 AM('As Approved' Version)							

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 #	736116
Approved Date:	Mar 27, 2012

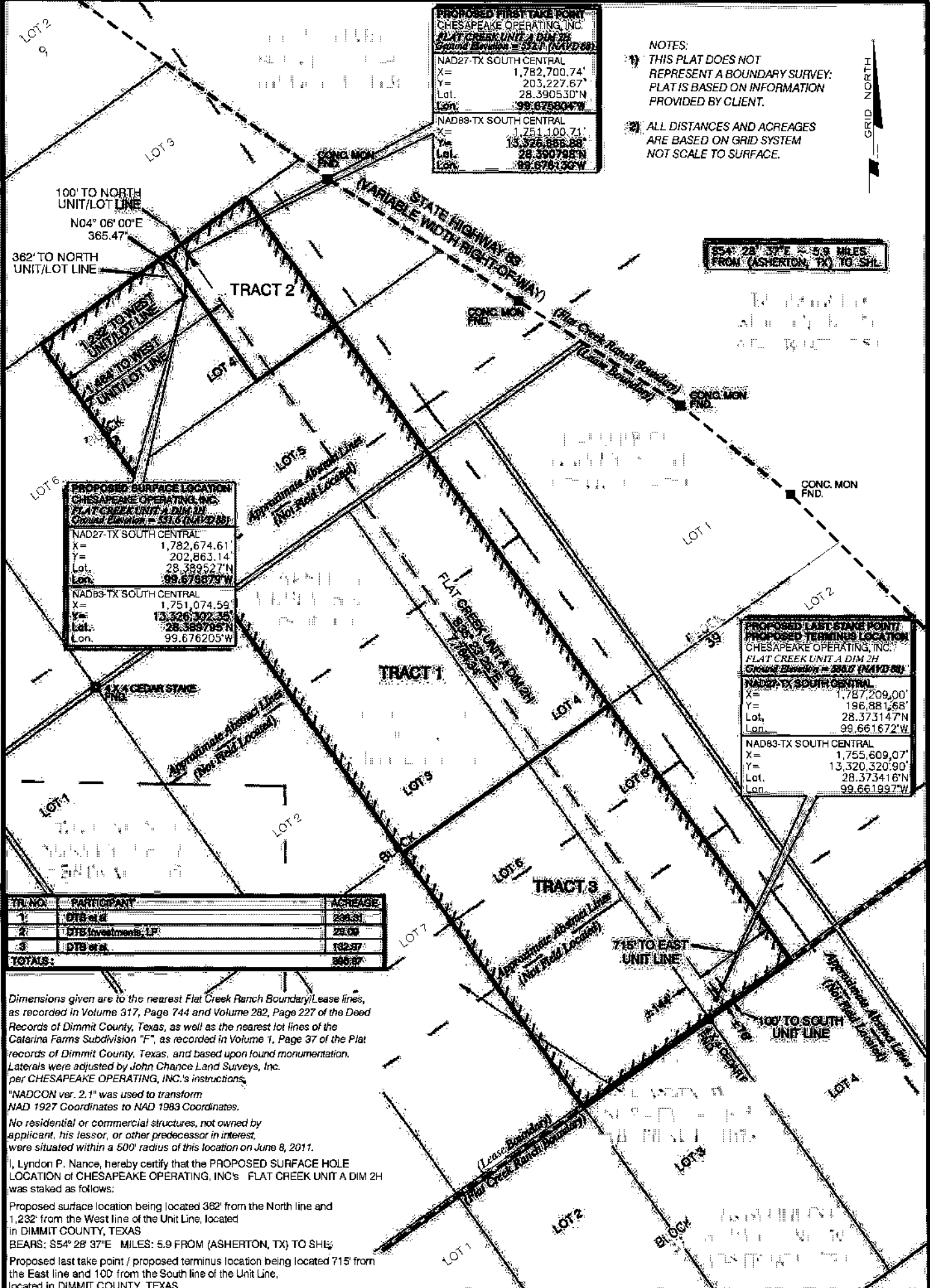
1. RRC Operator No. 147715	2. Operator's Name (exactly as shown on form P-5, Organization Report) CHESAPEAKE OPERATING, INC.	3. Lease Name FLAT CREEK UNIT A DIM	4. Well No. 2H
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Lateral Drainhole Location Information

5. Field as shown on Form W-1	BRISCOE RANCH (EAGLEFORD) (Field # 12018200, RRC District 01)
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6. Section 59	7. Block 2	8. Survey T & NO RR Co	9. Abstract 759	10. County of BHL DIMMIT
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11. Terminus Lease Line Perpendiculars 100 ft. from the S line. and 715 ft. from the E line
12. Terminus Survey Line Perpendiculars 76 ft. from the S line. and 144 ft. from the W line
13. Penetration Point Lease Line Perpendiculars 100 ft. from the N line. and 1464 ft. from the W line



PROPOSED FIRST TAKE POINT CHESAPEAKE OPERATING, INC. FLAT CREEK UNIT A DIM 2H Ground Boundary = 330.7' (NAD 83)	
NAD27-TX SOUTH CENTRAL	
X=	1,782,700.74'
Y=	203,227.67'
Lat.	28.390530°N
Lon.	99.675804°W
NAD83-TX SOUTH CENTRAL	
X=	1,751,100.71'
Y=	13,326,855.88'
Lat.	28.390798°N
Lon.	99.676130°W

- NOTES:
- 1) THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY. PLAT IS BASED ON INFORMATION PROVIDED BY CLIENT.
 - 2) ALL DISTANCES AND ACREAGES ARE BASED ON GRID SYSTEM NOT SCALE TO SURFACE.

S54° 28' 37"E ~ 5.9 MILES FROM (ASHERTON, TX) TO SHL

PROPOSED SURFACE LOCATION CHESAPEAKE OPERATING, INC. FLAT CREEK UNIT A DIM 2H Ground Boundary = 330.7' (NAD 83)	
NAD27-TX SOUTH CENTRAL	
X=	1,782,674.61'
Y=	202,863.14'
Lat.	28.389527°N
Lon.	99.675873°W
NAD83-TX SOUTH CENTRAL	
X=	1,751,074.59'
Y=	13,326,302.35'
Lat.	28.389785°N
Lon.	99.676205°W

PROPOSED LAST TAKE POINT / PROPOSED TERMINUS LOCATION CHESAPEAKE OPERATING, INC. FLAT CREEK UNIT A DIM 2H Ground Boundary = 330.7' (NAD 83)	
NAD27-TX SOUTH CENTRAL	
X=	1,787,209.00'
Y=	196,881.68'
Lat.	28.373147°N
Lon.	99.661672°W
NAD83-TX SOUTH CENTRAL	
X=	1,755,609.07'
Y=	13,320,320.90'
Lat.	28.373416°N
Lon.	99.661997°W

TR. NO.	PARTICIPANT	ACREAGE
1	DTS and	298.51
2	DTS Investments, LP	25.08
3	DTS and	132.57
TOTALS:		456.16

Dimensions given are to the nearest Flat Creek Ranch Boundary/Lease lines, as recorded in Volume 317, Page 744 and Volume 282, Page 227 of the Deed Records of Dimmit County, Texas, as well as the nearest lot lines of the Catarina Farms Subdivision "F", as recorded in Volume 1, Page 37 of the Plat records of Dimmit County, Texas, and based upon found monumentation. Laterals were adjusted by John Chance Land Surveys, Inc. per CHESAPEAKE OPERATING, INC.'s instructions.

"NADCON ver. 2.1" was used to transform NAD 1927 Coordinates to NAD 1983 Coordinates.

No residential or commercial structures, not owned by applicant, his lessor, or other predecessor in interest, were situated within a 500' radius of this location on June 8, 2011.

I, Lyndon P. Nance, hereby certify that the PROPOSED SURFACE HOLE LOCATION of CHESAPEAKE OPERATING, INC.'s FLAT CREEK UNIT A DIM 2H was staked as follows:

Proposed surface location being located 362' from the North line and 1,232' from the West line of the Unit Line, located in DIMMIT COUNTY, TEXAS

BEARS: S54° 28' 37"E MILES: 5.9 FROM (ASHERTON, TX) TO SHL

Proposed last take point / proposed terminus location being located 715' from the East line and 100' from the South line of the Unit Line, located in DIMMIT COUNTY, TEXAS.



LYNDON P. NANCE
REGISTERED PROFESSIONAL LAND SURVEYOR
TEXAS REGISTRATION NO. 6206

Proj. Mgr.: LPN
Revised: 3/14/12
Printed: 3/14/12

Chesapeake Operating, Inc.

FLAT CREEK UNIT A DIM 2H LOCATION
FLAT CREEK UNIT A DIM 2H (396.37 ACRES)
LOT 4, BLOCK 43, CATARINA SUBDIVISION "F"
DIMMIT COUNTY, TEXAS

JOHN CHANCE
LAND SURVEYS, INC.

GEODETC DATUM: NAD27 & NAD83 ZONE: TEXAS SOUTH CENTRAL GRID: UNITS: US SURVEY FEET		SCALE IN FEET 0 1,000'	
Job No.: 11-0151	Date: 10/31/11	Drawn: EGO	Check: Of
Original: L:\2011\11051\CAD\DT10151A			