

API No. <u>42-127-35986</u> Drilling Permit # <u>776984</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 FLAT CREEK UNIT E DIM		5. Well No. 4H					
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 58	16. Block 2	17. Survey T&NO RR CO/ HART, E		18. Abstract No. A-1163	19. Distance to nearest lease line: 100 ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: 354.65	
21. Lease Perpendiculars: <u>764</u> ft from the <u>E</u> line and <u>240</u> ft from the <u>S</u> line. 22. Survey Perpendiculars: <u>327</u> ft from the <u>N</u> line and <u>1826</u> ft from the <u>W</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 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 or Gas Well	9000	1009.00	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)							
Remarks [RRC STAFF Jan 23, 2014 9:23 AM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Jan 23, 2014 2:13 PM]: Problems identified with this permit are resolved.				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>Jan 09, 2014</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: Jan 23, 2014 5:13 PM('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

*This facsimile W-1 was generated electronically from data submitted to the RRC.
A certification of the automated data is available in the RRC's Austin office.*

Permit #	776984
Approved Date:	Jan 23, 2014

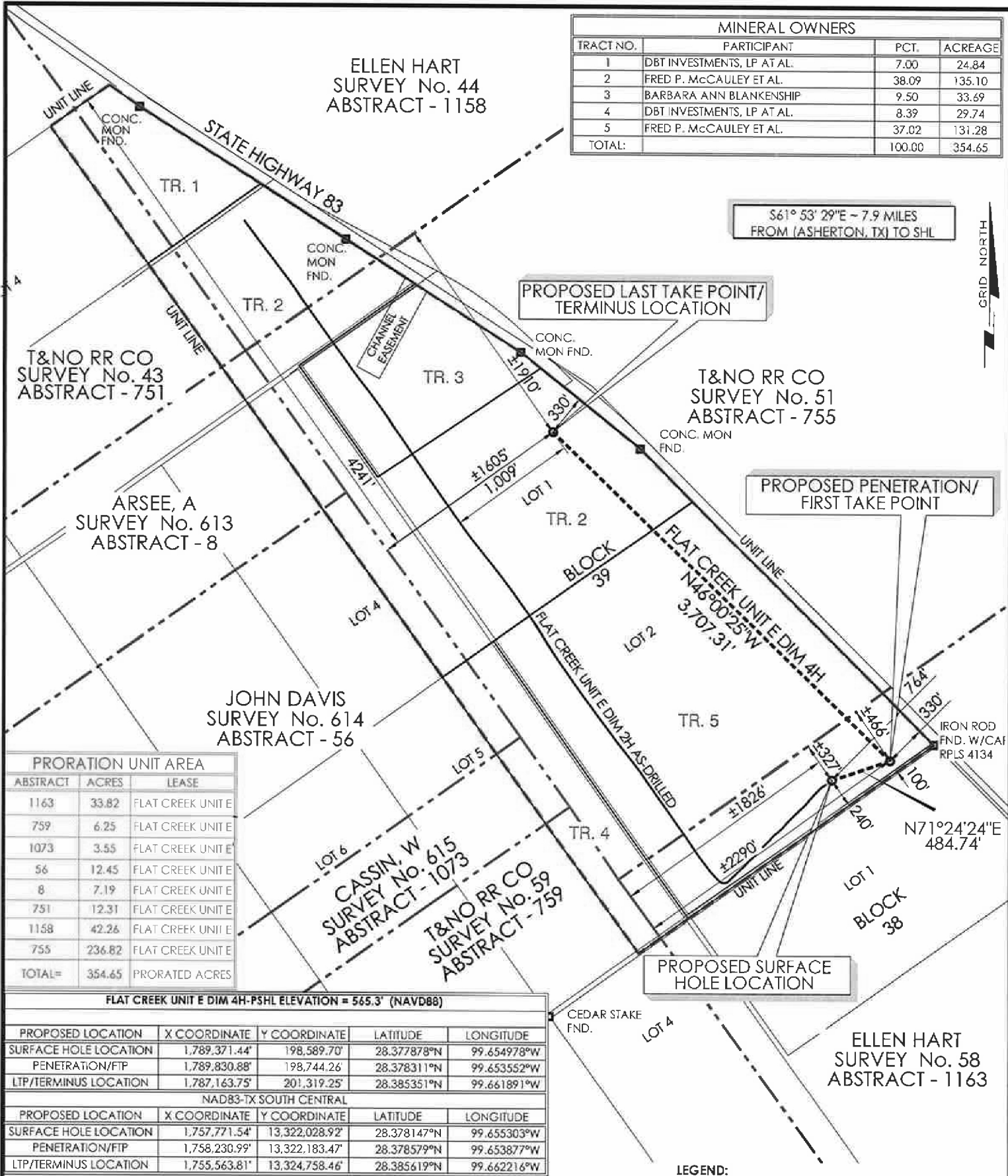
1. RRC Operator No. 147715	2. Operator's Name (exactly as shown on form P-5, Organization Report) CHESAPEAKE OPERATING, INC.	3. Lease Name FLAT CREEK UNIT E DIM	4. Well No. 4H
-------------------------------	--	--	-------------------

Lateral Drainhole Location Information

5. Field as shown on Form W-1	BRISCOE RANCH (EAGLEFORD) (Field # 12018200, RRC District 01)
-------------------------------	---

6. Section 51	7. Block 2	8. Survey T&NO RR CO	9. Abstract 755	10. County of BHL DIMMIT
------------------	---------------	-------------------------	--------------------	-----------------------------

11. Terminus Lease Line Perpendiculars	330 ft. from the NE line. and 3744 ft. from the SE line			
12. Terminus Survey Line Perpendiculars	1910 ft. from the NW line. and 1605 ft. from the SW line			
13. Penetration Point Lease Line Perpendiculars	100 ft. from the SE line. and 330 ft. from the NE line			



LATERALS AND UNITS 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 1,000' RADIUS OF THIS LOCATION ON MAY 2, 2012.

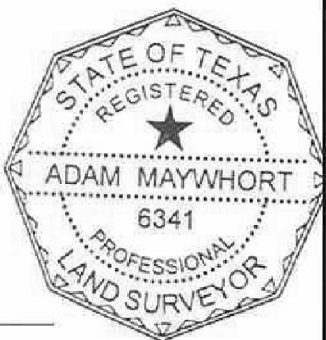
I, ADAM MAYWHORT, HEREBY CERTIFY THAT THE PROPOSED SURFACE HOLE LOCATION OF CHESAPEAKE OPERATING, INC.'S FLAT CREEK UNIT E DIM 4H WAS STAKED AS FOLLOWS:

PROPOSED SURFACE LOCATION BEING LOCATED 240' FROM THE SOUTH LINE AND 764' FROM THE EAST LINE OF THE UNIT LEASE, LOCATED IN DIMMIT COUNTY, TEXAS;

BEARS: S61° 53' 29"E, 7.9 MILES FROM ASHERTON, TX, TO SHL;

PROPOSED LAST TAKE POINT / TERMINUS LOCATION BEING LOCATED 4,241' FROM THE NORTH LINE OF THE UNIT AND 330' FROM THE EAST LINE OF THE UNIT, LOCATED IN DIMMIT COUNTY, TEXAS.

Adam Maywhort
ADAM MAYWHORT
REGISTERED PROFESSIONAL LAND SURVEYOR
TEXAS REGISTRATION NO. 6341



Prof. Mgr.: AM
Revised:
Printed: 1/9/14

CHESAPEAKE OPERATING, INC.

FLAT CREEK UNIT E DIM 4H FLAT CREEK UNIT D (354.65 UNIT ACRES)

ELLEN HART, SURVEY 58, ABSTRACT 1163
DIMMIT COUNTY, TEXAS

JOHN CHANCE
LAND SURVEYS, INC.

11013 OSGOOD ST., SAN ANTONIO, TX 78233



TX BPLS FIRM #10051205

GEODETIC DATUM: NAD27 & NAD83

ZONE: TEXAS SOUTH CENTRAL

GRID UNITS: US SURVEY FOOT

SCALE

IN FEET

0 1,000'

Job No.: 13-0613

Date: 05/02/12

Drawn: AJP

Chart: Of:

Dwgfile: L:\2013\130613\CAD\130613

1 1