

API No. <u>42-127-36049</u> Drilling Permit # <u>778021</u> SWR Exception Case/Docket No. _____		RAILROAD COMMISSION OF TEXAS OIL & GAS DIVISION APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER <small>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.</small>				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 REGULATORY COMPLIANCE PO BOX 18496 OKLAHOMA CITY, OK 73154-0496		
4. Lease Name FLAT CREEK UNIT B 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 checked="" 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>6.5</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/CATARINA SUBDIVISION F LOT 4		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: 293.94	
21. Lease Perpendiculars: <u>1259</u> ft from the <u>NE (OFF LEASE)</u> line and <u>1446</u> ft from the <u>SE (OFF LEASE)</u> line. 22. Survey Perpendiculars: <u>1259</u> ft from the <u>NE</u> line and <u>1446</u> ft from the <u>SE</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	
01	12018200	BRISCOE RANCH (EAGLEFORD)			Oil or Gas Well	9000	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)							
<u>Remarks</u> [FILER Sep 23, 2014 10:20 AM]: Amended for Off lease penetration point, Chesapeake has the right to penetrate the reservoir off lease					<u>Certificate:</u> 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 <u>(512)9181062</u> Phone </div> <div> <u>Sep 23, 2014</u> Date submitted <u>bill@spencerconsulting.org</u> E-mail Address (OPTIONAL) </div> </div>		
RRC Use Only Data Validation Time Stamp: Oct 6, 2014 8:13 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.
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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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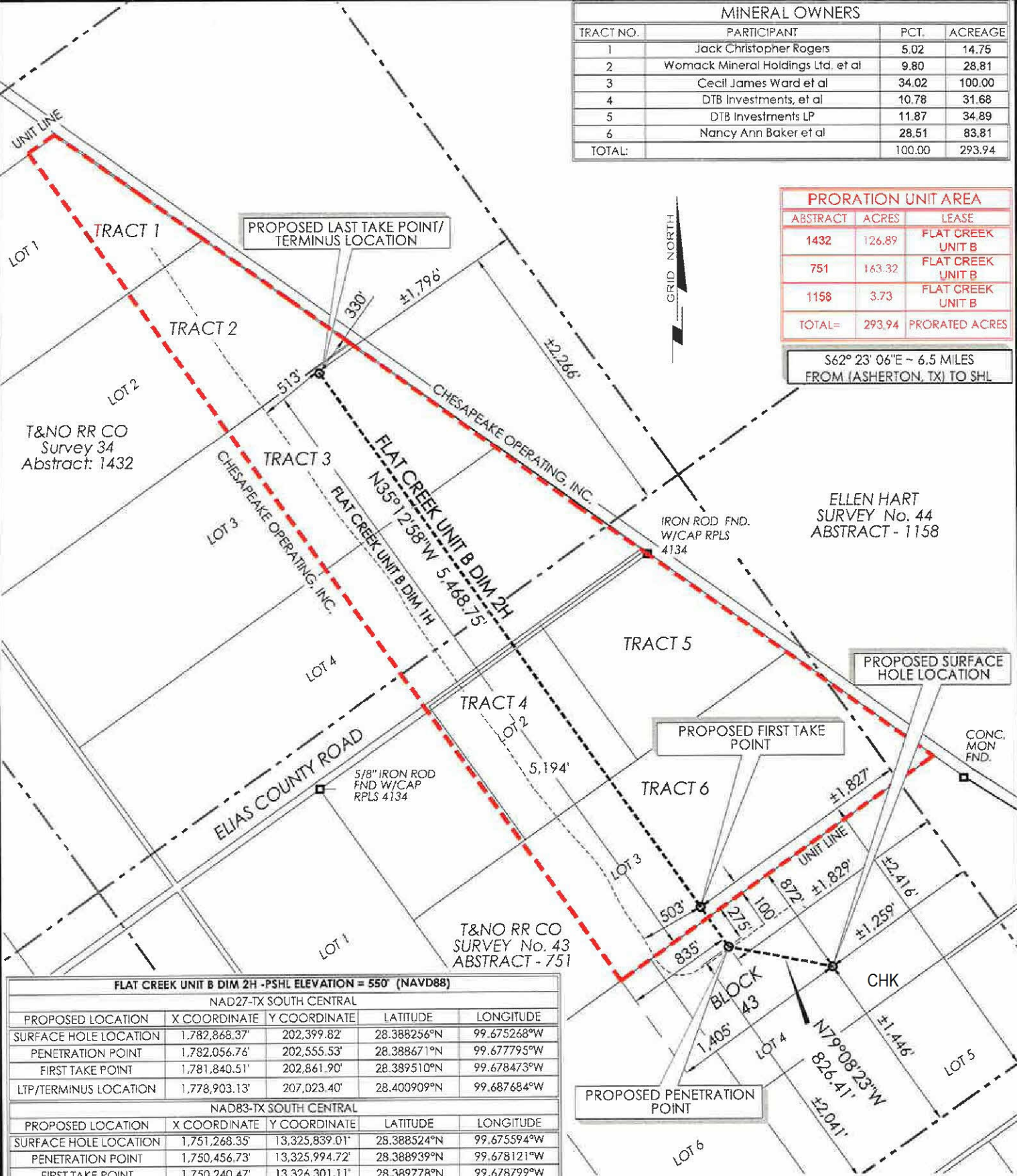
Permit #	778021
Approved Date:	Oct 06, 2014

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 B DIM	4. Well No. 2H
Lateral Drainhole Location Information			
5. Field as shown on Form W-1 BRISCOE RANCH (EAGLEFORD) (Field # 12018200, RRC District 01)			
6. Section 34	7. Block 2	8. Survey T&NO RR CO / DICKENS, P	9. Abstract 1432
		10. County of BHL DIMMIT	
11. Terminus Lease Line Perpendiculars 330 ft. from the NE line. and 5194 ft. from the SE line			
12. Terminus Survey Line Perpendiculars 1796 ft. from the NE line. and 2266 ft. from the SE line			
13. Penetration Point Lease Line Perpendiculars 1829 ft. from the NE (offlease) line. and 2041 ft. from the SE Offlease line			

MINERAL OWNERS			
TRACT NO.	PARTICIPANT	PCT.	ACREAGE
1	Jack Christopher Rogers	5.02	14.75
2	Womack Mineral Holdings Ltd. et al	9.80	28.81
3	Cecil James Ward et al	34.02	100.00
4	DTB Investments, et al	10.78	31.68
5	DTB Investments LP	11.87	34.89
6	Nancy Ann Baker et al	28.51	83.81
TOTAL:		100.00	293.94

PRORATION UNIT AREA		
ABSTRACT	ACRES	LEASE
1432	126.89	FLAT CREEK UNIT B
751	143.32	FLAT CREEK UNIT B
1158	3.73	FLAT CREEK UNIT B
TOTAL=	293.94	PRORATED ACRES

S62° 23' 06"E ~ 6.5 MILES
FROM (ASHERTON, TX) TO SHL



FLAT CREEK UNIT B DIM 2H - PSHL ELEVATION = 550' (NAVD88)				
NAD27-TX SOUTH CENTRAL				
PROPOSED LOCATION	X COORDINATE	Y COORDINATE	LATITUDE	LONGITUDE
SURFACE HOLE LOCATION	1,782,868.37'	202,399.82'	28.388256°N	99.675268°W
PENETRATION POINT	1,782,056.76'	202,555.53'	28.388671°N	99.677795°W
FIRST TAKE POINT	1,781,840.51'	202,861.90'	28.389510°N	99.678473°W
LTP/TERMINUS LOCATION	1,778,903.13'	207,023.40'	28.400909°N	99.687684°W
NAD83-TX SOUTH CENTRAL				
PROPOSED LOCATION	X COORDINATE	Y COORDINATE	LATITUDE	LONGITUDE
SURFACE HOLE LOCATION	1,751,268.35'	13,325,839.01'	28.388524°N	99.675594°W
PENETRATION POINT	1,750,456.73'	13,325,994.72'	28.388939°N	99.678121°W
FIRST TAKE POINT	1,750,240.47'	13,326,301.11'	28.389778°N	99.678799°W
LTP/TERMINUS LOCATION	1,747,303.03'	13,330,462.59'	28.401176°N	99.688010°W

LATERALS AND UNITS WERE ADJUSTED BY JOHN CHANCE LAND SURVEYS, INC. PER CHESAPEAKE OPERATING, INC. 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 JANUARY 21, 2014.

I, ROBERT A. PRICE, HEREBY CERTIFY THAT THE PROPOSED SURFACE HOLE LOCATION OF CHESAPEAKE OPERATING, INC.'S FLAT CREEK UNIT B DIM 2H WAS STAKED AS FOLLOWS:

PROPOSED SURFACE LOCATION BEING LOCATED 872' FROM THE SOUTH LINE AND 1,405' FROM THE WEST LINE OF THE UNIT LEASE, LOCATED IN DIMMIT COUNTY, TEXAS;

BEARS: S62° 23' 06"E, 6.5 MILES FROM ASHERTON, TX, TO SHL;

PROPOSED LAST TAKE POINT / TERMINUS LOCATION BEING LOCATED 5,194' FROM THE SOUTH LINE AND 330' FROM THE EAST LINE OF THE UNIT LEASE, LOCATED IN DIMMIT COUNTY, TEXAS

ROBERT A. PRICE
REGISTERED PROFESSIONAL LAND SURVEYOR
TEXAS REGISTRATION NO. 5917



Proj. Mgr.: RC
Revised: 9/19/14
Printed: 9/19/14

- LEGEND:
- = MONUMENT FOUND
 - 1-37 ■ = EXISTING GAS & OIL WELLS
 - ▲ = EXISTING WATER WELLS
 - = ABSTRACT LINE
 - - - = PROPOSED LATERAL
 - - - = PROPOSED UNIT LINE
 - { } = RECORD INFORMATION
 - = PROPOSED TAKE POINTS

- NOTES:
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY; PLAT IS BASED ON INFORMATION PROVIDED BY CLIENT.
 - ALL DISTANCES AND ACREAGE ARE BASED ON GRID SYSTEM NOT SCALED TO SURFACE.
 - ALL GAS, OIL AND WATER WELLS SHOWN ON THIS PLAT ARE OBTAINED FROM GIS DATABASES DEVELOPED BY OTHERS.

CHESAPEAKE OPERATING, INC.

FLAT CREEK UNIT B DIM 2H
FLAT CREEK UNIT B DIM 2H (293.94 UNIT ACRES)
T & NO RR CO., SURVEY 43, ABSTRACT 751
DIMMIT COUNTY, TEXAS

JOHN CHANCE

LAND SURVEYS, INC.
200 DULLES DR., LAFAYETTE, LA 70506-3001



TX BPLS FIRM #10051202

GEODETIC DATUM: NAD27 & NAD83
ZONE: TEXAS SOUTH CENTRAL
GRID UNITS: US SURVEY FOOT

SCALE
IN FEET 0 1,000'

Job No.: 13-0604 Date: 01-21-14 Drwn: JRT/AJP/MSS Chart: Of: 1 1
Dwgfile: L:\2013\130604SA\130604C\130604.D