

API No. 42-121-34306		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. A certification of the automated data is available in the RRC's Austin office.</i>				FORM W-1 07/2004	
Drilling Permit # 748202 SWR Exception Case/Docket No. 0281550 (R37)						Permit Status: Approved	
1. RRC Operator No. 882575		2. Operator's Name (as shown on form P-5, Organization Report) VANTAGE FORT WORTH ENERGY LLC			3. Operator Address (include street, city, state, zip):		
4. Lease Name RILEY-LITTLE BROOK (SA)		5. Well No. 1H					
GENERAL INFORMATION							
6. Purpose of filing (mark ALL appropriate boxes): ☒ New Drill ☐ Recompletion ☐ Reclass ☐ Field Transfer ☐ Re-Enter ☒ Amended ☐ Amended as Drilled (BHL) (Also File Form W-1D)							
7. Wellbore Profile (mark ALL appropriate boxes): ☐ Vertical ☒ Horizontal (Also File Form W-1H) ☐ Directional (Also File Form W-1D) ☐ Sidetrack							
8. Total Depth 9500		9. Do you have the right to develop the minerals under any right-of-way ? ☒ Yes ☐ No		10. Is this well subject to Statewide Rule 36 (hydrogen sulfide area)? ☐ Yes ☒ No			
SURFACE LOCATION AND ACREAGE INFORMATION							
11. RRC District No. 09		12. County DENTON		13. Surface Location ☒ Land ☐ Bay/Estuary ☐ Inland Waterway ☐ Offshore			
14. This well is to be located 0 miles in a Within direction from Denton which is the nearest town in the county of the well site.							
15. Section		16. Block		17. Survey HUIZAR, S		18. Abstract No. A-514	
				19. Distance to nearest lease line: 100 ft.		20. Number of contiguous acres in lease, pooled unit, or unitized tract: 412.16	
21. Lease Perpendiculars: 678 ft from the S line and 1467 ft from the E line.							
22. Survey Perpendiculars: 1635 ft from the N line and 1467 ft from the E line.							
23. Is this a pooled unit? ☐ Yes ☒ No		24. Unitization Docket No:		25. Are you applying for Substandard Acreage Field? ☐ Yes (attach Form W-1A) ☒ 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	
09	65280200	NEWARK, EAST (BARNETT SHALE)		Oil or Gas Well	9500	330.00	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)							
Remarks [FILER Mar 28, 2013 9:56 AM]: All information hereon provided by the operator. This filing amends the TD.: [RRC STAFF Apr 2, 2013 2:01 PM]: Commission Staff expresses no opinion as to whether a 100% ownership interest in each of the leases alone or in combination with a "production sharing agreement" confers the right to drill across lease/unit lines or whether a pooling agreement is also required. However, until that issue is directly addressed and ruled upon by a Texas court of competent jurisdiction it appears that a 100% interest in each of the leases and a production sharing agreement constitute a sufficient colorable claim to the right to drill a horizontal well as proposed to authorize the removal of the regulatory bar and the issuance of a drilling permit by the Commission, assuming the proposed well is in compliance with all other relevant Commission requirements. Issuance of the permit is not an endorsement or approval of the applicant's stated method of allocating production proceeds among component leases or units. All production must be reported to the Commission as production from the lease or pooled unit on which the wellhead is located and reported production volume must be determined by actual measurement of hydrocarbon volumes prior to leaving that tract and may not be based on allocation or estimation. Payment of royalties is a contractual matter between the lessor and lessee. Interpreting the leases and determining whether the proposed proceeds allocation comports with the relevant leases is not a matter within Commission jurisdiction but a matter for the parties to the lease and, if necessary, a Texas court of competent jurisdiction. The foregoing statements are not, and should not be construed as, a final opinion or decision of the Railroad Commission.				Certificate: I certify that information stated in this application is true and complete, to the best of my knowledge.			
				Will Powers, Agent Name of filer (512)9647555 Phone			Mar 28, 2013 Date submitted will@powersenergyconsulting.com E-mail Address (OPTIONAL)
RRC Use Only Data Validation Time Stamp: Apr 3, 2013 8:28 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**

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

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Permit #	748202
Approved Date:	Apr 03, 2013

1. RRC Operator No. 882575	2. Operator's Name (exactly as shown on form P-5, Organization Report) VANTAGE FORT WORTH ENERGY LLC	3. Lease Name RILEY-LITTLE BROOK (SA)	4. Well No. 1H
Lateral Drainhole Location Information			
5. Field as shown on Form W-1 NEWARK, EAST (BARNETT SHALE) (Field # 65280200, RRC District 09)			
6. Section	7. Block	8. Survey HANEY, J	9. Abstract 515
		10. County of BHL DENTON	
11. Terminus Lease Line Perpendiculars 100 ft. from the N line. and 3157 ft. from the E line			
12. Terminus Survey Line Perpendiculars 2677 ft. from the S line. and 3157 ft. from the E line			
13. Penetration Point Lease Line Perpendiculars 330 ft. from the S line. and 2159 ft. from the E line			

LEGEND

- ◇ SURFACE HOLE LOCATION (SHL)
- PENETRATION POINT (PP)
- BOTTOM HOLE LOCATION (BHL)
- N.T.S. NOT TO SCALE
- LL LEASE LINE
- SL SURVEY LINE (SCALED DISTANCE)
- IP INFLECTION POINT

BORE PATH

"A" = S44°36'W 874'
 "B" = N15°41'W 292'
 "C" = N15°41'W 1362'
 "D" = N10°33'W 3407'

THIS PLAT WAS PREPARED FROM RECORDS FURNISHED TO REPRESENT THE RILEY-LITTLE BROOK (SA) AND THE MINERAL TRACTS WITHIN THAT UNIT FOR THE SOLE PURPOSE OF VANTAGE FORT WORTH ENERGY, LLC, AND DOES NOT REPRESENT A BOUNDARY SURVEY.

SURFACE LOCATION IS 4.3 MILES IN A NORTHWEST DIRECTION FROM DENTON CITY HALL, DENTON, TEXAS.

UNLEASED TRACT

AMENDED
 RILEY-LITTLE BROOK (SA) 1H
 SHL
 678' FSL AND 1467' FEL OF LEASE
 1635' FNL AND 1467' FEL A-514
 NAD27
 N= 571379/ E= 2091232 ELEV= 673'
 LAT.= 33.2369°/ LONG.= 97.2016°
 NAD83
 N= 7135429/ E= 2365375 ELEV= 673'
 LAT.= 33.2370°/ LONG.= 97.2019°

AMENDED
 RILEY-LITTLE BROOK (SA) 1H
 PP
 330' FSL AND 2159' FEL OF LEASE
 1979' FNL AND 2159' FEL A-514
 NAD27
 N= 571043/ E= 2090536
 LAT.= 33.2360°/ LONG.= 97.2039°
 NAD83
 N= 7135087/ E= 2364682
 LAT.= 33.2361°/ LONG.= 97.2042°

AMENDED
 RILEY-LITTLE BROOK (SA) 1H
 BHL
 100' FNL AND 3157' FEL OF LEASE
 2677' FSL AND 3157' FEL A-515
 NAD27
 N= 575714/ E= 2089588
 LAT.= 33.2488°/ LONG.= 97.2069°
 NAD83
 N= 7139749/ E= 2363690
 LAT.= 33.2489°/ LONG.= 97.2072°

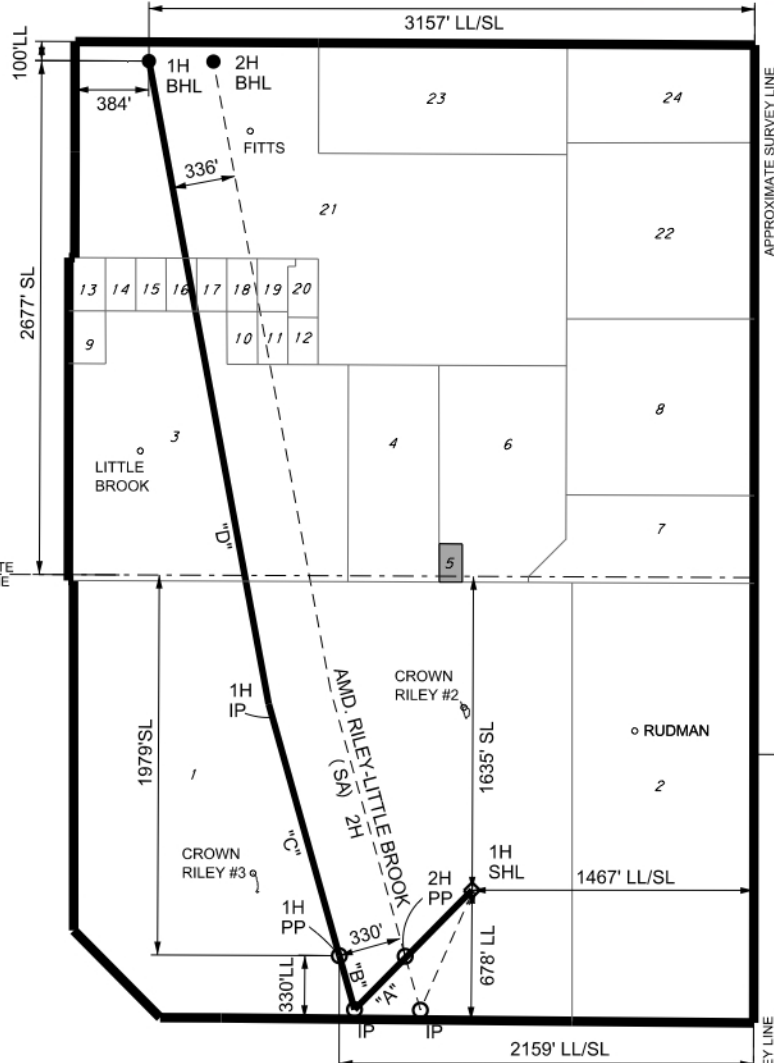
LEASE SUMMARY

TOTAL LEASED	412.161 ACRES
TOTAL UNLEASED	0.551 ACRES
TOTAL UNIT	412.712 ACRES

1" = 1000'

VANTAGE AND ENERVEST OFFSET OPERATING PARTNERS

J. HANEY SURVEY A-515



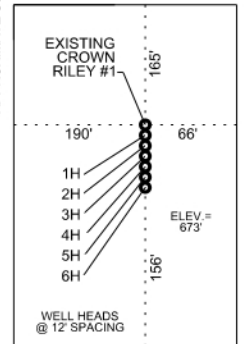
R. WHITLOCK SURVEY A-1403

W. BRYUM SURVEY A-148

S. HUIZAR SURVEY A-514

WELL LOCATION PLAT
 VANTAGE FORT WORTH ENERGY, LLC
 AMENDED RILEY-LITTLE BROOK (SA) 1H

SITUATED IN THE
 J. HANEY SURVEY, ABSTRACT NUMBER 515;
 AND THE S. HUIZAR SURVEY, ABSTRACT NUMBER 514;
 DENTON COUNTY, TEXAS



PAD DETAIL
 N.T.S.



5751 KROGER DR. STE. 185 | KELLER, TX 76244 | 817-562-3350
 JOB# VAN12002 SURRRR

JOB # VAN12002

DRAWN BY: CAG

CHECKED BY: WB

DATE: 3-14-13

PAGE 1 OF 2

\$ DATE \$

\$ TIME \$