

API No. <u>42-203-35026</u> Drilling Permit # <u>705005</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. 609261		2. Operator's Name (as shown on form P-5, Organization Report) NFR ENERGY, LLC		3. Operator Address (include street, city, state, zip):			
4. Lease Name DINKLE DEEP GU		5. Well No. 1H					
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 12291		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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
SURFACE LOCATION AND ACREAGE INFORMATION							
11. RRC District No. 06		12. County HARRISON		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>4</u> miles in a <u>SW</u> direction from <u>Marshall</u> which is the nearest town in the county of the well site.							
15. Section		16. Block		17. Survey BRITAIN, J W		18. Abstract No. A-78	
				19. Distance to nearest lease line: 330 ft.		20. Number of contiguous acres in lease, pooled unit, or unitized tract: 412.12	
21. Lease Perpendiculars: <u>590</u> ft from the <u>NORTH</u> line and <u>1488</u> ft from the <u>WEST</u> line.							
22. Survey Perpendiculars: <u>227</u> ft from the <u>NORTH</u> line and <u>1281</u> ft from the <u>EAST</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	
06	16032300	CARTHAGE (HAYNESVILLE SHALE)		Gas Well	11291	0.00	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)							
Remarks [FILER Nov 9, 2010 10:14 AM]: First Take point Unit Lines 990' North and 1505' West; [RRC STAFF Nov 10, 2010 2:24 PM]: Manual review ok, density met.				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>Norma Richardson</u> Name of filer </div> <div> <u>Nov 09, 2010</u> Date submitted </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> <u>(832)2429655</u> Phone </div> <div> <u>norma.richardson@nfrenergy.com</u> E-mail Address (OPTIONAL) </div> </div>			
RRC Use Only Data Validation Time Stamp: Nov 10, 2010 2:24 PM ('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.*

**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 # 705005

Approved Date: Nov 10, 2010

1. RRC Operator No. 609261	2. Operator's Name (exactly as shown on form P-5, Organization Report) NFR ENERGY, LLC	3. Lease Name DINKLE DEEP GU	4. Well No. 1H
Lateral Drainhole Location Information			
5. Field as shown on Form W-1 CARTHAGE (HAYNESVILLE SHALE) (Field # 16032300, RRC District 06)			
6. Section	7. Block	8. Survey BRITAIN, J W	9. Abstract 78
10. County of BHL HARRISON			
11. Terminus Lease Line Perpendiculars 330 ft. from the South line. and 495 ft. from the West line			
12. Terminus Survey Line Perpendiculars 1120 ft. from the South line. and 1085 ft. from the East line			
13. Penetration Point Lease Line Perpendiculars 990 ft. from the North line. and 1505 ft. from the West line			

NOTE:
LOCATION IS APPROXIMATELY 4 MILES
SOUTHWEST OF MARSHALL, TX.

PROPOSED SURFACE LOCATION:
DISTANCES FROM NEAREST DESIGNATED LINES:
UNIT LINES: 590' FNL AND 1,488' FWL
SURVEY LINES: 227' FNL AND 1,281' FEL

PROPOSED BOTTOM HOLE LOCATION:
DISTANCES FROM NEAREST DESIGNATED LINES:
UNIT LINES: 200' FSL AND 502' FWL
SURVEY LINES: 1,120' FSL AND 1,085' FEL

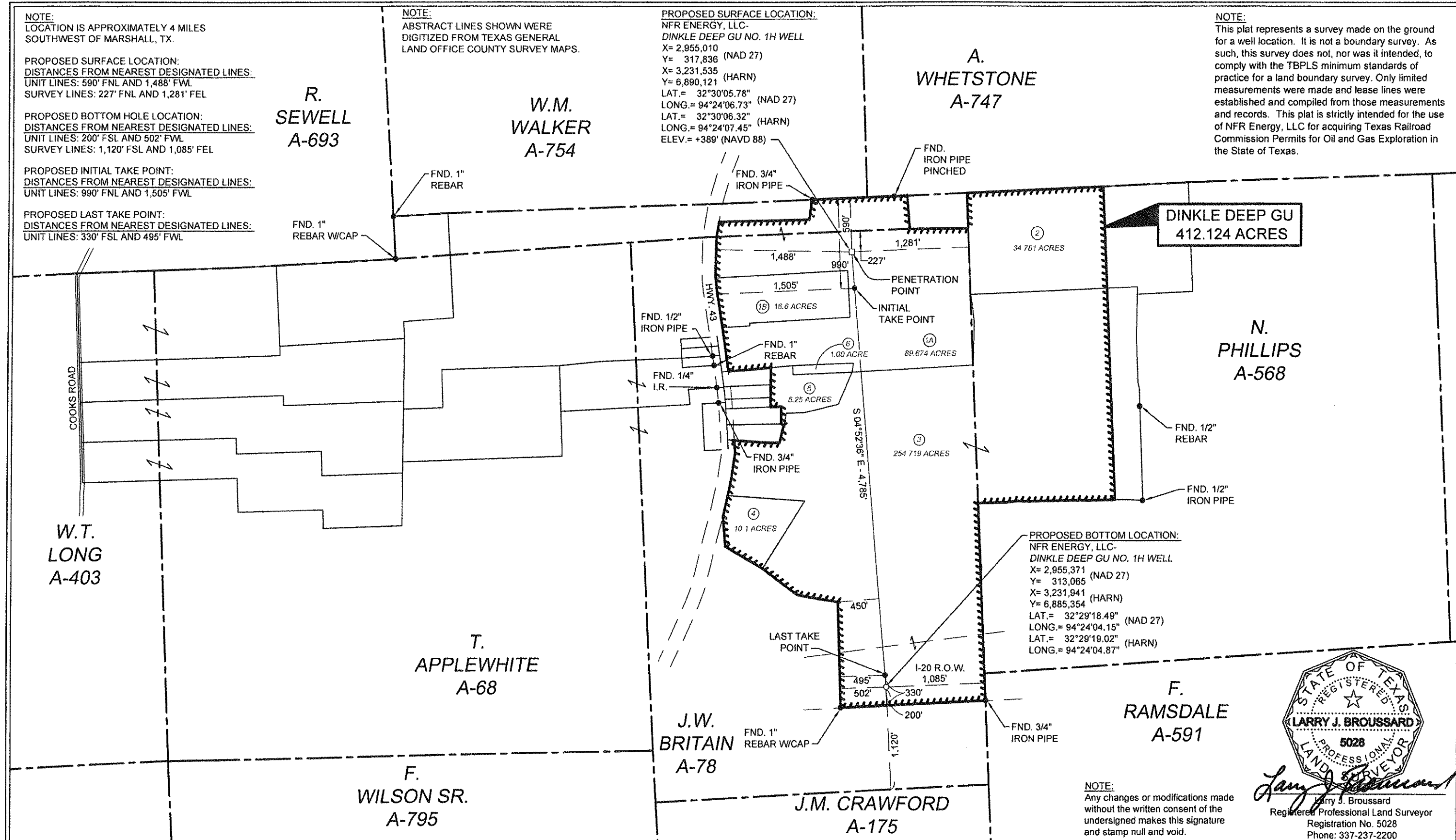
PROPOSED INITIAL TAKE POINT:
DISTANCES FROM NEAREST DESIGNATED LINES:
UNIT LINES: 990' FNL AND 1,505' FWL

PROPOSED LAST TAKE POINT:
DISTANCES FROM NEAREST DESIGNATED LINES:
UNIT LINES: 330' FSL AND 495' FWL

NOTE:
ABSTRACT LINES SHOWN WERE
DIGITIZED FROM TEXAS GENERAL
LAND OFFICE COUNTY SURVEY MAPS.

PROPOSED SURFACE LOCATION:
NFR ENERGY, LLC-
DINKLE DEEP GU NO. 1H WELL
X= 2,955,010
Y= 317,836 (NAD 27)
X= 3,231,535 (HARN)
Y= 6,890,121 (HARN)
LAT.= 32°30'05.78" (NAD 27)
LONG.= 94°24'06.73" (NAD 27)
LAT.= 32°30'06.32" (HARN)
LONG.= 94°24'07.45" (HARN)
ELEV.= +389' (NAVD 88)

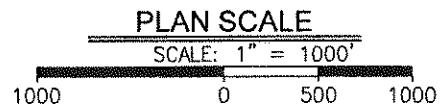
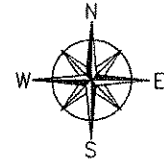
NOTE:
This plat represents a survey made on the ground
for a well location. It is not a boundary survey. As
such, this survey does not, nor was it intended, to
comply with the TBPLS minimum standards of
practice for a land boundary survey. Only limited
measurements were made and lease lines were
established and compiled from those measurements
and records. This plat is strictly intended for the use
of NFR Energy, LLC for acquiring Texas Railroad
Commission Permits for Oil and Gas Exploration in
the State of Texas.



DRAWN BY:	DATE:	REVISED BY:	DATE:
TPF	11-08-10	TPF	11-09-10
CHECKED BY:	DATE:		

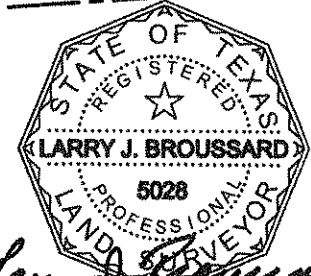


OPERATOR: NFR ENERGY, LLC
DATE: 11-08-10
JOB#: 2096138
FILENAME: T:\2009\2096138\PLATS\2096138_LOCATION_REVISED_UNIT.dwg



NAD 83 TEXAS NORTH CENTRAL ZONE

NOTE:
Any changes or modifications made
without the written consent of the
undersigned makes this signature
and stamp null and void.



Larry J. Broussard
Registered Professional Land Surveyor
Registration No. 5028
Phone: 337-237-2200

NFR ENERGY, LLC
DINKLE DEEP GU NO. 1H WELL
J.W. BRITAIN SURVEY, A-78
HARRISON COUNTY, TEXAS

PREPARED BY: C.H. FENSTERMAKER & ASSOCIATES, INC., LAFAYETTE & NEW ORLEANS, LOUISIANA, & HOUSTON, TEXAS