

API No. <u>42-389-35110</u> Drilling Permit # <u>812528</u> SWR Exception Case/Docket No. _____		<b>RAILROAD COMMISSION OF TEXAS</b> <b>OIL &amp; GAS DIVISION</b> <b>APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER</b> <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>				<b>FORM W-1</b> 07/2004 Permit Status: <b>Approved</b>	
1. RRC Operator No. <b>092850</b>		2. Operator's Name (as shown on form P-5, Organization Report) <b>BRIGHAM RESOURCES OPERATING, LLC</b>		3. Operator Address (include street, city, state, zip): <b>5914 W COURTYARD SUITE 200</b> <b>AUSTIN, TX 78730-0000</b>			
4. Lease Name <b>JOY 13</b>		5. Well No. <b>1H</b>					
<b>GENERAL INFORMATION</b>							
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 <b>16000</b>		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			
<b>SURFACE LOCATION AND ACREAGE INFORMATION</b>							
11. RRC District No. <b>08</b>		12. County <b>REEVES</b>		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>28</u> miles in a <u>NW</u> direction from <u>Fort Stockton</u> which is the nearest town in the county of the well site.							
15. Section <b>13</b>		16. Block <b>C2</b>		17. Survey <b>PSL/LLOYD, J F</b>		18. Abstract No. <b>A-1242</b>	
				19. Distance to nearest lease line: <b>300</b> ft.		20. Number of contiguous acres in lease, pooled unit, or unitized tract: <b>641</b>	
21. Lease Perpendiculars: <u>250</u> ft from the <u>SOUTH</u> line and <u>467</u> ft from the <u>WEST</u> line. 22. Survey Perpendiculars: <u>250</u> ft from the <u>SOUTH</u> line and <u>467</u> ft from the <u>WEST</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			
<b>FIELD INFORMATION    List all fields of anticipated completion including Wildcat. List one zone per line.</b>							
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	
08	41911500	HOEFS T-K (WOLFCAMP)		Oil Well	16000	0.00	
08	71052900	PHANTOM (WOLFCAMP)		Oil or Gas Well	16000	0.00	
<b>BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)</b>							
<b>Remarks</b> [FILER Dec 7, 2015 9:34 AM]: Please expedite, thank you.				<b>Certificate:</b> 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>Dakota Macksood</u>            Name of filer         </div> <div> <u>Dec 08, 2015</u>            Date submitted         </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> <u>(512)2201200</u>            Phone         </div> <div> <u>dmacksood@brighamresources.net</u>            E-mail Address (OPTIONAL)         </div> </div>			
<b>RRC Use Only</b> Data Validation Time Stamp:    Dec 9, 2015 10:19 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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A certification of the automated data is available in the RRC's Austin office.*

Permit #	812528
Approved Date:	Dec 09, 2015

1. RRC Operator No. 092850	2. Operator's Name (exactly as shown on form P-5, Organization Report) BRIGHAM RESOURCES OPERATING, LLC	3. Lease Name JOY 13	4. Well No. 1H
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**Lateral Drainhole Location Information**

5. Field as shown on Form W-1	PHANTOM (WOLFCAMP) (Field # 71052900, RRC District 08)
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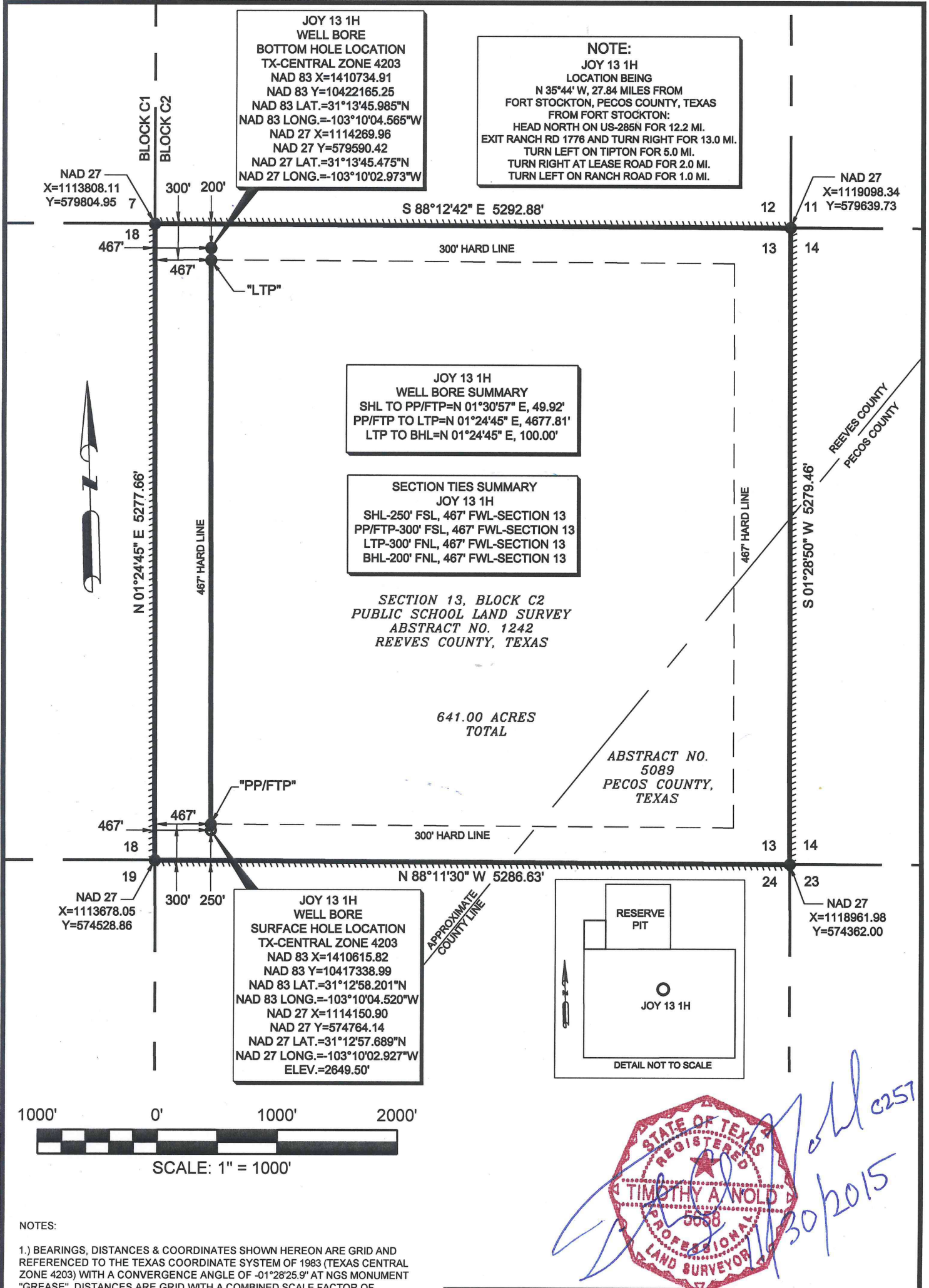
6. Section 13	7. Block C2	8. Survey PSL/LLOYD, J F	9. Abstract 1242	10. County of BHL REEVES
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11. Terminus Lease Line Perpendiculars 200 ft. from the North line. and 467 ft. from the West line
12. Terminus Survey Line Perpendiculars 200 ft. from the North line. and 467 ft. from the West line
13. Penetration Point Lease Line Perpendiculars 300 ft. from the South line. and 467 ft. from the West line

5. Field as shown on Form W-1	HOEFS T-K (WOLFCAMP) (Field # 41911500, RRC District 08)
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6. Section 13	7. Block C2	8. Survey PSL/LLOYD, J F	9. Abstract 1242	10. County of BHL REEVES
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NOTES:

1.) BEARINGS, DISTANCES & COORDINATES SHOWN HEREON ARE GRID AND REFERENCED TO THE TEXAS COORDINATE SYSTEM OF 1983 (TEXAS CENTRAL ZONE 4203) WITH A CONVERGENCE ANGLE OF -01°28'25.9" AT NGS MONUMENT "GREASE". DISTANCES ARE GRID WITH A COMBINED SCALE FACTOR OF 0.99975544.

2.) LATITUDE & LONGITUDE ARE NAD 83 & 27 GEOGRAPHIC.

3.) THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT AND THE REVIEW OF THE ABSTRACT OF TITLE. THERE MAY BE EASEMENTS AND/OR COVENANTS AFFECTING THIS PROPERTY AND HAVE BEEN SPECIFICALLY OMITTED. VESTING DOCUMENTS NOT FURNISHED FOR THIS SURVEY.

REV.	DATE	BY:	DESCRIPTION	CHK

PROJECT NO. 1511024



8205 Camp Bowie West, Suite 204  
Fort Worth, Texas 76116  
(817) 529-1180 ~ Fax (817) 529-1181  
TBPLS FIRM # 10193740

<b>Brigham Resources</b> Operating			
<b>WELL LOCATION STAKING PLAT</b> <b>JOY 13 1H</b>			
Situating in SECTION 13, BLOCK C2 PUBLIC SCHOOL LAND SURVEY ABSTRACT NO. 1242 REEVES COUNTY, TEXAS			
DRAWN BY: ST	DATE: 11-23-15	DWG. NO.	REV.
CHECKED BY: TAN	DATE: 11-23-15	1511024 JOY 13 1H RRC PERMIT PLAT	0
SCALE: 1"=1000'	APP.:	PAGE 1 OF 1	