

API No. <u>42-283-35524</u>	<b>RAILROAD COMMISSION OF TEXAS OIL &amp; GAS DIVISION</b>	<b>FORM W-1</b> 07/2004
Drilling Permit # <u>807450</u>	<b>APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER</b>	Permit Status: <b>Approved</b>
SWR Exception Case/Docket No. <u>0297062 (R37)</u>	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.	

1. RRC Operator No. <b>135316</b>	2. Operator's Name (as shown on form P-5, Organization Report) <b>CARRIZO (EAGLE FORD) LLC</b>	3. Operator Address (include street, city, state, zip): <b>500 DALLAS ST SUITE 2300 HOUSTON, TX 77002-0000</b>
4. Lease Name <b>MIESCH A UNIT</b>		5. Well No. <b>22H</b>

**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 <b>11000</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		

**SURFACE LOCATION AND ACREAGE INFORMATION**

11. RRC District No. <b>01</b>	12. County <b>LA SALLE</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>8</u> miles in a <u>NW</u> direction from <u>COTULLA</u> which is the nearest town in the county of the well site.				
15. Section <b>16</b>	16. Block <b>4</b>	17. Survey <b>I&amp;GN RR CO</b>	18. Abstract No. <b>A-342</b>	19. Distance to nearest lease line: <b>100</b> ft.
20. Number of contiguous acres in lease, pooled unit, or unitized tract: <b>101.47</b>				
21. Lease Perpendiculars: <u>1602</u> ft from the <u>SE OFF LSE</u> line and <u>805</u> ft from the <u>SW OFF LSE</u> line.				
22. Survey Perpendiculars: <u>1602</u> ft from the <u>SOUTH EAST</u> line and <u>805</u> ft from the <u>SOUTH WEST</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	32. Number of Wells on this lease in this Reservoir
01	27135700	EAGLEVILLE (EAGLE FORD-1)	Oil or Gas Well	11000	165.00	2

**BOTTOMHOLE LOCATION INFORMATION** is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)

<p><u>Remarks</u> [FILER Jun 26, 2015 2:00 PM]: TO REMOVE NPZ UNIT IS FULLY LEASED FILE RULE 37 OWN OFFSET, UNIT SIZE CHANGED AND WELL WAS RE-SURVEYED</p>	<p style="text-align: center;"><u>Certificate:</u></p> <p>I certify that information stated in this application is true and complete, to the best of my knowledge.</p> <p style="text-align: center;"><u>Madelon Raney</u> <span style="float: right;"><u>Jun 26, 2015</u></span></p> <p>Name of filer <span style="float: right;">Date submitted</span></p> <p><u>(713)3281000</u> <span style="float: right;"><u>madelon.raney@crzo.net</u></span></p> <p>Phone <span style="float: right;">E-mail Address (OPTIONAL)</span></p>
<p>RRC Use Only Data Validation Time Stamp: Jun 30, 2015 3:43 PM( 'As Approved' Version )</p>	

**RAILROAD COMMISSION OF TEXAS  
OIL & GAS DIVISION**

Form W-1H 07/2004  
Supplemental Horizontal Well Information

Permit Status: **Approved**

The RRC has not approved this application. Duplication or distribution of information is at the user's own risk.

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

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Permit #	807450
Approved Date: Jun 30, 2015	

1. RRC Operator No. <b>135316</b>	2. Operator's Name (exactly as shown on form P-5, Organization Report) <b>CARRIZO (EAGLE FORD) LLC</b>	3. Lease Name <b>MIESCH A UNIT</b>	4. Well No. <b>22H</b>
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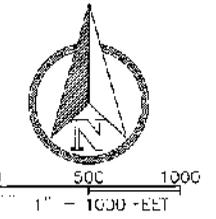
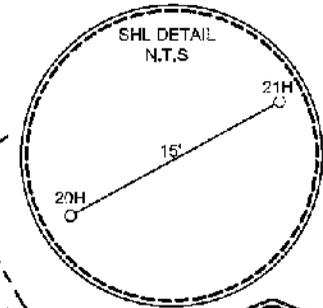
**Lateral Drainhole Location Information**

5. Field as shown on Form W-1 **EAGLEVILLE (EAGLE FORD-1) (Field # 27135700, RRC District 01)**

6. Section <b>7</b>	7. Block <b>4</b>	8. Survey <b>I&amp;GN RR CO</b>	9. Abstract <b>333</b>	10. County of BHL <b>LA SALLE</b>
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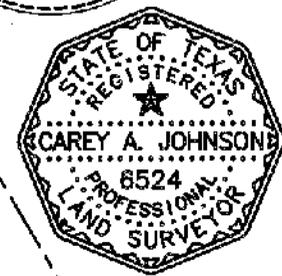
11.	Terminus Lease Line Perpendiculars <b>100</b> ft. from the <b>NORTH WEST</b> line. and <b>132</b> ft. from the <b>NORTH EAST</b> line
12.	Terminus Survey Line Perpendiculars <b>530</b> ft. from the <b>SOUTH WEST</b> line. and <b>2531</b> ft. from the <b>SOUTH EAST</b> line
13.	Penetration Point Lease Line Perpendiculars <b>130</b> ft. from the <b>NORTH EAST</b> line. and <b>330</b> ft. from the <b>SOUTH EAST</b> line

CARRIZO (EAGLE FORD) LLC  
 MIESCH 'A' UNIT NO. 22H LT 2/BHL  
 Y = 260,509  
 X = 1,397,448  
 LAT. = 28.549169° N  
 LONG. = 99.319869° W



I HEREBY STATE THAT THIS PLAT SHOWS THE SUBJECT SURFACE LOCATION AS STAKED ON THE GROUND.

CAREY A. JOHNSON  
 REGISTERED PROFESSIONAL LAND SURVEYOR  
 STATE OF TEXAS NO. 6524



----- 330' BUFFER

**GENERAL NOTES**

- COORDINATES SHOWN ARE BASED ON TEXAS PLANE COORDINATE SYSTEM OF NAD 27, TEXAS SOUTH CENTRAL ZONE (4204)
- VERTICAL DATUM IS NAVD 83
- LATITUDE AND LONGITUDE ARE NAD 27 AS SHOWN
- AREA, DISTANCES, AND COORDINATES ARE "GRID".
- UNITS ARE UNITED STATES SURVEY FOOT.
- ALL LEASE AND TRACT INFORMATION SHOWN HERE ON IS DONE SO BY LIMITED DEED RECORD INFORMATION ONLY. ALL ACREAGES SHOWN ARE BY DEED AND LEASE CALL, EXCEPT WHERE NOTED. THIS IS NOT IN ANY WAY A "BOUNDARY SURVEY".

**PLAT OF:**  
 A PROPOSED WELL LOCATION FOR:  
**CARRIZO (EAGLE FORD) LLC**  
 MIESCH 'A' UNIT NO. 22H  
 SITUATED IN THE I. & G. N. RR. CO. SURVEY, A-342,  
 THE I. & G. N. RR. CO. SURVEY, A-333 AND  
 BEING EIGHT MILES NORTHWEST OF COTULLA,  
 LA SALLE COUNTY, TEXAS.

**FRANK**  
 SURVEYING COMPANY INC  
 550 Bailey Ave., 205 - Fort Worth, TX 76107  
 Ph: 817.349.9800 - Fax: 979.732.5271  
 TSPS Firm No. 10193887  
 www.franksurveying.com  
 LAND SURVEYING/ENERGY/GIS SERVICES

DATE: 06-12-15  
 DRAWN BY: HJ  
 CHECKED BY: ML  
 FIELD CREW: CL  
 PROJECT NO: 2015050614  
 SCALE: 1" = 1000'  
 SHEET: 1 OF 1  
 REVISION: NO

**I.&G.N.R.R. SURVEY  
 A-334**

**I.&G.N.R.R. SURVEY  
 A-333**

**I.&G.N.R.R. SURVEY  
 A-342**

**I.&G.N.R.R. SURVEY  
 A-341**

CARRIZO (EAGLE FORD) LLC  
 OFFSET OPERATOR

CARRIZO (EAGLE FORD) LLC  
 OFFSET OPERATOR

CARRIZO (EAGLE FORD) LLC  
 MIESCH 'A' UNIT NO. 22H SHL  
 Y = 255,280  
 X = 1,900,824  
 LAT. = 28.535061° N  
 LONG. = 99.308869° W  
 F1 FV = 529'

POP/FTP  
 Y = 255,118  
 X = 1,900,803

LINE	BEARING	DISTANCE
L1	S 15°15'11" W	384.91'
L2	N 30°19'03" W	236.42'
L3	N 30°19'03" W	6250.31'

TRACT	LESSOR	ACRES
1	EDWARD P. MIESCH, ET AL	61.47
2	JUANITA GONZALEZ, ET AL	40.00
<b>TOTAL</b>		<b>101.47</b>