

API No. <u>42-283-35461</u>	RAILROAD COMMISSION OF TEXAS OIL & GAS DIVISION	FORM W-1 07/2004
Drilling Permit # <u>805638</u>	APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER	Permit Status: Approved
SWR Exception Case/Docket No. <u>0296504 (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. 135316	2. Operator's Name (as shown on form P-5, Organization Report) CARRIZO (EAGLE FORD) LLC	3. Operator Address (include street, city, state, zip): 500 DALLAS ST SUITE 2300 HOUSTON, TX 77002-0000
4. Lease Name MIESCH A UNIT		5. Well No. 20H

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"/> 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 11000	9. Do you have the right to develop the minerals under any right-of-way ?	10. Is this well subject to Statewide Rule 36 (hydrogen sulfide area)?	
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

SURFACE LOCATION AND ACREAGE INFORMATION			
11. RRC District No. 01	12. County LA SALLE	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 16	16. Block 4	17. Survey I&GN RR CO	18. Abstract No. A-342
			19. Distance to nearest lease line: 100 ft.
			20. Number of contiguous acres in lease, pooled unit, or unitized tract: 75.89
21. Lease Perpendiculars: <u>1603</u> ft from the <u>SE OFF LSE</u> line and <u>776</u> ft from the <u>SW OFF LSE</u> line.			
22. Survey Perpendiculars: <u>1603</u> ft from the <u>SOUTH EAST</u> line and <u>776</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	0.00	1

BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)	
<u>Remarks</u> [FILER Apr 15, 2015 2:01 PM]: PLEASE NOTE NPZ AND RULE 37 OWN OFF SET; [RRC STAFF Apr 20, 2015 3:19 PM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Apr 30, 2015 9:57 AM]: Problems identified with this permit are resolved.	<u>Certificate:</u> I certify that information stated in this application is true and complete, to the best of my knowledge. <div style="text-align:right;"> <u>Madelon Raney</u> <u>Apr 15, 2015</u> Name of filer Date submitted </div> <div style="text-align:right;"> <u>(713)3281000</u> <u>madelon.raney@crzo.net</u> Phone E-mail Address (OPTIONAL) </div>
RRC Use Only Data Validation Time Stamp: Apr 30, 2015 10:03 AM('As Approved' Version)	

**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 # **805638**
Approved Date: **Apr 30, 2015**

1. RRC Operator No. 135316	2. Operator's Name (exactly as shown on form P-5, Organization Report) CARRIZO (EAGLE FORD) LLC	3. Lease Name MIESCH A UNIT	4. Well No. 20H
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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 7	7. Block 4	8. Survey I&GN RR CO	9. Abstract 333	10. County of BHL LA SALLE
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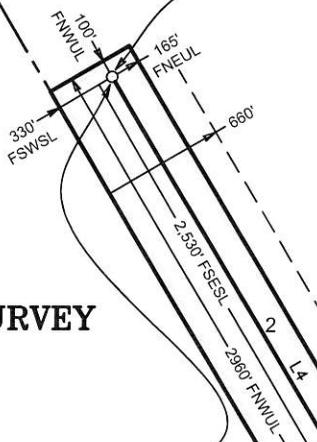
11.	Terminus Lease Line Perpendiculars 100 ft. from the NORTH WEST line. and 165 ft. from the NORTH EAST line
12.	Terminus Survey Line Perpendiculars 330 ft. from the SOUTH WEST line. and 2530 ft. from the SOUTH EAST line
13.	Penetration Point Lease Line Perpendiculars 165 ft. from the NORTH EAST line. and 330 ft. from the SOUTH EAST line

CARRIZO (EAGLE FORD) LLC
 MIESCH 'A' UNIT NO. 20H BHL
 Y = 260,408
 X = 1,897,275
 LAT. = 28.549139° N
 LONG. = 99.319966° W

CARRIZO (EAGLE FORD) LLC
 OFFSET OPERATOR

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

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



NO PERF ZONE

LTP
 Y = 257,939
 X = 1,898,719

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

CARRIZO (EAGLE FORD) LLC
 OFFSET OPERATOR

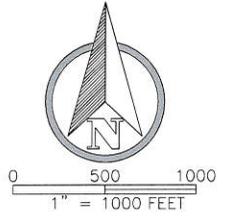
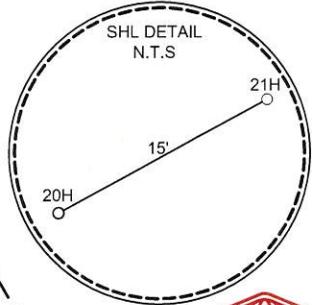
**I.&G.N.R.R. SURVEY
 A-341**

CARRIZO (EAGLE FORD) LLC
 MIESCH 'A' UNIT NO. 20H SHL
 Y = 255,266
 X = 1,900,798
 LAT. = 28.535023° N
 LONG. = 99.308951° W
 ELEV = 532'

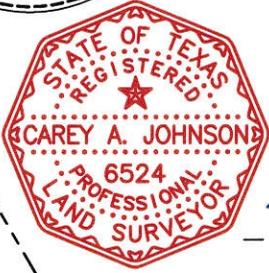
POP/FTP
 Y = 255,014
 X = 1,900,429

LINE	BEARING	DISTANCE
L1	S 28°28'32" W	521.04'
L2	N 30°19'03" W	238.15'
L3	N 30°19'03" W	3388.59'
L4	N 30°19'03" W	2860.24'

TRACT	LESSOR	ACRES
1	EDWARD P. MIESCH, ET AL	46.00
2	JUANITA GONZALEZ, ET AL (83.3333%)	29.89
TOTAL		75.89



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' NO PERF
 - - - 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 88
- 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. 20H**

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
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 TBPLS Firm No. 10193887
 www.franksurveying.com
 LAND SURVEYING/ENERGY/GIS SERVICES

DATE: 04-10-15
 DRAWN BY: HJ
 CHECKED BY: ML
 FIELD CREW: CL
 PROJECT NO: 2015030286
 SCALE: 1" = 1000'
 SHEET: 1 OF 1
 REVISION: NO

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