

API No. <u>42-283-35524</u> Drilling Permit # <u>807450</u> SWR Exception Case/Docket No. <u>0297062</u> (R37)		RAILROAD COMMISSION OF TEXAS OIL & GAS DIVISION APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER <small>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.</small>				FORM W-1 07/2004 Permit Status: Approved	
1. RRC Operator No. <u>135316</u>		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. <u>22H</u>					
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 <u>11000</u>		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. <u>01</u>		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 <u>16</u>	16. Block <u>4</u>	17. Survey I&GN RR CO		18. Abstract No. <u>A-342</u>	19. Distance to nearest lease line: <u>100</u> ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: <u>101.47</u>	
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	
01	27135700	EAGLEVILLE (EAGLE FORD-1)		Oil or Gas Well	11000	165.00	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)							
<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				<u>Certificate:</u> 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>Madelon Raney</u> Name of filer </div> <div> <u>Jun 26, 2015</u> Date submitted </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> <u>(713)3281000</u> Phone </div> <div> <u>madelon.raney@crzo.net</u> E-mail Address (OPTIONAL) </div> </div>			
RRC Use Only Data Validation Time Stamp: Jun 30, 2015 3:43 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
Supplemental Horizontal Well Information

07/2004

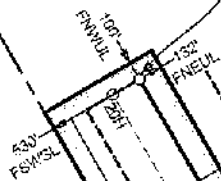
APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER

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Permit #	807450
Approved Date:	Jun 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. 22H
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	
11. Terminus Lease Line Perpendiculars 100 ft. from the NORTH WEST line. and 132 ft. from the NORTH EAST line 12. Terminus Survey Line Perpendiculars 530 ft. from the SOUTH WEST line. and 2531 ft. from the SOUTH EAST line 13. Penetration Point Lease Line Perpendiculars 130 ft. from the NORTH EAST line. and 330 ft. from the SOUTH EAST 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.&G.N.R.R. SURVEY A-333

CARRIZO (EAGLE FORD) LLC
OFFSET OPERATOR

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

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

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'

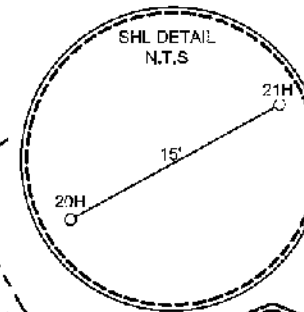
TRACT	LESSOR	ACRES
1	EDWARD P. MIESCH, ET AL	61.47
2	JUANITA GONZALEZ, ET AL	40.00
TOTAL		101.47

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

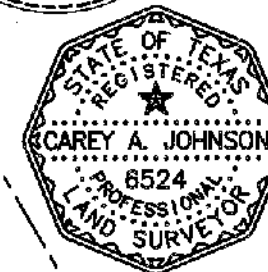
CARRIZO (EAGLE FORD) LLC
OFFSET OPERATOR

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

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
FFW = 529'



0 500 1000
1" = 1000'-EET



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 ACRES 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
TBDLS 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-343