

API No. <u>42-283-35990</u> Drilling Permit # <u>824877</u> SWR Exception Case/Docket No. <u>0304422</u> (R37)		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. <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): ATTN MADELON RANEY 500 DALLAS ST SUITE 2300 HOUSTON, TX 77002-0000			
4. Lease Name GARZA B UNIT		5. Well No. 4H					
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 11000		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. 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>3.7</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 95	16. Block	17. Survey I RR CO		18. Abstract No. A-540	19. Distance to nearest lease line: 61 ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: 395.23	
21. Lease Perpendiculars: <u>213</u> ft from the <u>SW</u> line and <u>822</u> ft from the <u>SE</u> line.							
22. Survey Perpendiculars: <u>213</u> ft from the <u>SW</u> line and <u>822</u> ft from the <u>SE</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	330.00	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)							
Remarks [FILER Mar 28, 2017 1:32 PM]: RULE 37 OWN OFFSET ALSO PRO-RATION ACREAGE AND WELL NUMBERS WHERE CHANGED UNDER TRACKING #S 171200, 171210, AND 171219; [RRC STAFF Apr 4, 2017 9:05 AM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Apr 4, 2017 1:44 PM]: Problems identified with this permit are resolved.; [RRC STAFF Apr 4, 2017 1:44 PM]: Revised plat attached.				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>Madelon Raney</u> Name of filer <u>(713)3281000</u> Phone </div> <div> <u>Mar 28, 2017</u> Date submitted <u>madelon.raney@crzo.net</u> E-mail Address (OPTIONAL) </div> </div>			
RRC Use Only							
Data Validation Time Stamp: Apr 4, 2017 2:45 PM('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**

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

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Permit #	824877
Approved Date:	Apr 04, 2017

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 GARZA B UNIT	4. Well No. 4H
Lateral Drainhole Location Information			
5. Field as shown on Form W-1 EAGLEVILLE (EAGLE FORD-1) (Field # 27135700, RRC District 01)			
6. Section	7. Block	8. Survey MC MULLEN & MC GLOIN	9. Abstract 569
		10. County of BHL LA SALLE	
11. Terminus Lease Line Perpendiculars 401 ft. from the S line. and 61 ft. from the NORTH EAST line			
12. Terminus Survey Line Perpendiculars 3514 ft. from the NORTH EAST line. and 1298 ft. from the SOUTH EAST line			
13. Penetration Point Lease Line Perpendiculars 326 ft. from the NORTH EAST line. and 61 ft. from the EAST line			

C.O. SHIVERS
ABSTRACT NO. 1072
SURVEY NO. 936

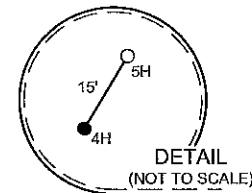
I. RR. CO.
ABSTRACT NO. 540
SURVEY NO. 95

CARRIZO (EAGLE FORD) LLC
OFFSET OPERATOR

CARRIZO (EAGLE FORD) LLC
GARZA B UNIT NO. 4H
SHL ELEV. = 492'
Y = 239,294
X = 1,922,782
LAT. = 28.491235° N
LONG. = 99.240382° W
SEE SHL DETAIL



0 500 1000
1" = 1000 FEET



W.L. SHILLING
ABSTRACT NO. 1743
SURVEY NO. 86

C.M. WOLCKEN
ABSTRACT NO. 1351
SURVEY NO. 654

CARRIZO (EAGLE FORD) LLC
OFFSET OPERATOR

C.O. SHIVERS
ABSTRACT NO. 1072
SURVEY NO. 936

C.C.S.D.
&
R.G.N.R. RR. CO.
ABSTRACT NO. 713
SURVEY NO. 653

CARRIZO (EAGLE FORD) LLC
OFFSET OPERATOR

MCMULLEN
&
MCGLOIN
A-569

LINE TABLE		
LINE	BEARING	DISTANCE
L1	S 05°15'11" E	386.91'
L2	S 19°13'42" E	237.36'
L3	S 19°13'42" E	8227.28

TRACT	LESSOR	ACRES
1	30P MINERALS LTD., ET AL	88.38
2	B. NAYLOR MORTON TRUST ET AL	12.72
2A	B. NAYLOR MORTON TRUST ET AL	10.28
2B	SNOWMASS, INC., ET AL	55.05
3	30P MINERALS LTD., ET AL	83.99
3D	JLH LAND INVEST. CORP, ET AL	8.30
3E	BANK OF AMERICA, TR., ET AL	1.35
3F	30P MINERALS LTD., ET AL	11.94
3G	30P MINERALS LTD., ET AL	1.52
3H	30P MINERALS LTD., ET AL	42.43
3K	30P MINERALS LTD., ET AL	79.27
TOTAL		395.23

MC MULLEN
&
MC GLOIN
A-569

CARRIZO (EAGLE FORD) LLC
GARZA B UNIT NO. 4H
BHL/ LTP
Y = 230,916
X = 1,925,605
LAT. = 28.468209° N
LONG. = 99.231542° W

MC MULLEN
&
MC GLOIN
A-568



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

TOBY G. STOCK
REGISTERED PROFESSIONAL LAND SURVEYOR
STATE OF TEXAS NO. 6412

FSC INC
SURVEYORS+ENGINEERS
550 Bailey Ave., 205 - Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPLS Firm 10193887
www.fscinc.net
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PLAT OF:
A PROPOSED WELL LOCATION FOR:
CARRIZO (EAGLE FORD) LLC
GARZA B UNIT NO. 4H

SITUATED IN THE I. RR. CO. SURVEY, A-540,
THE C.O. SHIVERS SURVEY, A-1072,
THE C.M. WOLCKEN SURVEY, A-1351,
THE C.C.S.D. & R.G.N.R. RR. CO. SURVEY, A-713,
THE MC MULLEN & MC GLOIN SURVEY, A-569,
AND BEING APPROXIMATELY 3.7 MILES NORTHWEST OF
COTULLA, IN LA SALLE COUNTY, TEXAS.

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 ACRES SHOWN ARE BY DEED AND LEASE CALL, EXCEPT WHERE NOTED. THIS IS NOT IN ANY WAY A "BOUNDARY SURVEY".
- MINERAL TRACT INFORMATION WAS PROVIDED BY THE OPERATING COMPANY AND THE UNDERSIGNED SURVEYOR ACCEPTS NO RESPONSIBILITY FOR SAID INFORMATION.

WELL STAKED 03-15-2017
DATE: 03-24-2017
DRAWN BY: JC
CHECKED BY: TS
FIELD CREW: HH/CH
PROJECT NO: 2017030195
SCALE: 1"=1000'
SHEET: 1
REVISION: 2