

API No. <u>42-003-47995</u> Drilling Permit # <u>849185</u> SWR Exception Case/Docket No. _____	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. 217012	2. Operator's Name (as shown on form P-5, Organization Report) DIAMONDBACK E&P LLC	3. Operator Address (include street, city, state, zip): 500 W TEXAS AVE STE 1200 MIDLAND, TX 79701-4203
4. Lease Name UL BLK 6 DDU A		5. Well No. 4007WA

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 10940	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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

SURFACE LOCATION AND ACREAGE INFORMATION			
11. RRC District No. 08	12. County ANDREWS	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>21.5</u> miles in a <u>NE</u> direction from <u>ANDREWS</u> which is the nearest town in the county of the well site.			
15. Section 40	16. Block 6	17. Survey UL	18. Abstract No. A-U181
		19. Distance to nearest lease line: 100 ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: 2800
21. Lease Perpendiculars: <u>2114</u> ft from the <u>W</u> line and <u>4217</u> ft from the <u>S</u> line.		22. Survey Perpendiculars: <u>3434</u> ft from the <u>W</u> line and <u>1577</u> ft from the <u>S</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
08	85280300	SPRABERRY (TREND AREA)	Oil or Gas Well	9940	55.00	12

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

Remarks
 [FILER Jan 24, 2019 3:04 PM]: WELL COUNT IS 12. THE 4009WA WAS FILED AFTER THIS APPLICATION AND NOT INCLUDED IN THE WELL COUNT, HOWEVER, IT IS INCLUDED ON THE P-16.; [RRC STAFF Jan 25, 2019 11:32 AM]: Terminus survey info corrected per plat and RRC GIS. All wells being permitted in this group shown on P-16. Well count on W-1 reflects order of submittal.

Certificate:

I certify that information stated in this application is true and complete, to the best of my knowledge.

Vicki Edwards, Regulatory Specialist Jan 24, 2019
 Name of filer Date submitted

(432)2217418 vedwards@diamondbackenergy.com
 Phone E-mail Address (OPTIONAL)

RRC Use Only Data Validation Time Stamp: Jan 28, 2019 1:57 PM('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

*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.*

Permit # **849185**
Approved Date: **Jan 28, 2019**

1. RRC Operator No. 217012	2. Operator's Name (exactly as shown on form P-5, Organization Report) DIAMONDBACK E&P LLC	3. Lease Name UL BLK 6 DDU A	4. Well No. 4007WA
--------------------------------------	--	--	------------------------------

Lateral Drainhole Location Information

5. Field as shown on Form W-1 **SPRABERRY (TREND AREA) (Field # 85280300, RRC District 08)**

6. Section 26	7. Block 6	8. Survey UL	9. Abstract	10. County of BHL ANDREWS
-------------------------	----------------------	------------------------	-------------	-------------------------------------

11. Terminus Lease Line Perpendiculars 1044 ft. from the W line. and 50 ft. from the N line
12. Terminus Survey Line Perpendiculars 1595 ft. from the E line. and 50 ft. from the N line
13. Penetration Point Lease Line Perpendiculars 2114 ft. from the W line. and 4217 ft. from the S line

**RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION
SWR #13 Formation Data**

ANDREWS (003) County

Formation	Shallow Top	Deep Top	Remarks	Geological Order	Effective Date
YATES	2,500	3,200		1	12/17/2013
SEVEN RIVERS	3,000	3,000		2	12/17/2013
QUEEN	3,600	4,800		3	12/17/2013
GRAYBURG	3,100	5,000		4	12/17/2013
SAN ANDRES	3,700	5,300	CO2 flood, high flows, H2S, corrosive	5	12/17/2013
HOLT	5,000	5,500		6	12/17/2013
GLORIETA	5,100	6,000		7	12/17/2013
TUBB	6,100	6,300		8	12/17/2013
CLEARFORK	5,600	7,600		9	12/17/2013
PERMIAN DETRITAL	7,800	7,900		10	12/17/2013
LEON	7,900	7,900		11	12/17/2013
WICHITA ALBANY	6,500	8,100		12	12/17/2013
SPRABERRY	7,300	8,600		13	12/17/2013
DEAN	9,200	9,500		14	12/17/2013
WOLFCAMP	7,500	9,900		15	12/17/2013
CANYON	8,600	10,200		16	12/17/2013
PENNSYLVANIAN	8,700	10,200		17	12/17/2013
MCKEE	8,300	10,600		18	12/17/2013
STRAWN	8,800	11,000		19	12/17/2013
FUSSELMAN	8,400	11,900		20	12/17/2013
DEVONIAN	7,600	12,500		21	12/17/2013
SILURIAN	8,000	12,500		22	12/17/2013
ELLENBURGER	7,900	13,900		23	12/17/2013

The above list may not be all inclusive, and may also include formations that do not intersect all wellbores. Formation "TOP" information listed reflects an estimated range based on geologic variances across the county. To clarify, the "Deep Top" is not the bottom of the formation; it is the deepest depth at which the "TOP" of the formation has been or might be encountered. This is a dynamic list subject to updates and revisions. It is the operator's responsibility to make sure that at the time of spudding the well the most current list is being referenced. Refer to the RRC website at the following address for the most recent information.
<http://www.rrc.texas.gov/oil-gas/compliance-enforcement/rule-13-geologic-formation-info>

GROUNDWATER PROTECTION DETERMINATION

Form GW-2



Groundwater Advisory Unit

Date Issued: 04 January 2016**GAU Number:** 148173

Attention: AJAX RESOURCES, LLC
 3355 WEST ALABAMA SUITE
 HOUSTON, TX 77098

API Number:
County: ANDREWS
Lease Name: UNIVERSITY 6-40 UNIT

Operator No.: 000597

Lease Number:
Well Number: 105LS
Total Vertical Depth: 10000
Latitude: 32.458091
Longitude: -102.217266
Datum: NAD27

Purpose: New Drill**Location:** Survey-UL; Abstract-U181; Block-6; Section-40

To protect usable-quality groundwater at this location, the Groundwater Advisory Unit of the Railroad Commission of Texas recommends:

The interval from the land surface to a depth of 300 feet, and the zone from 1400 to 1750 feet must be protected.

This recommendation is applicable for all wells drilled in this Section 40 on this lease.

Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. This recommendation is for normal drilling, production, and plugging operations only. It does not apply to saltwater disposal operation into a nonproductive zone (RRC Form W-14).

This determination is based on information provided when the application was submitted on 01/03/2016. If the location information has changed, you must contact the Groundwater Advisory Unit, and submit a new application if necessary. If you have questions, please contact us at 512-463-2741 or gau@rrc.texas.gov.

Groundwater Advisory Unit, Oil and Gas Division

Form GW-2 P.O. Box 12967 Austin, Texas 78771-2967 512-463-2741 Internet address: www.rrc.texas.gov
 Rev. 02/2014

TRACT	UL LEASE #	ACREAGE
1	108431	320 AC.
2	114968	320 AC.
3	108921	160 AC.
4	114970	80 AC.
5	107920	160 AC.
6	114966	80 AC.
7	108920	80 AC.
8	114973	240 AC.
9	108922	240 AC.
10	114975	160 AC.
11	108923	80 AC.
12	114980	240 AC.
13	93270	240 AC.
14	82633	80 AC.
15	96951	80 AC.
16	96951	80 AC.
17	82635	80 AC.
18	113207	80 AC.
TOTAL ACRES = 2,800 AC.		



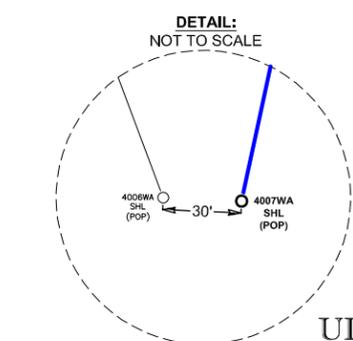
Survey Date: 11/30/18
 Surveyed By: RM/TO
 Drawn by: AM/CL
 Checked by: CL/SS/AA
 Job #: 170008.336

AN RRC WELL LOCATION PLAT FOR:
DIAMONDBACK E&P LLC
UL BLK 6 DDU A 4007WA
 SITUATED IN THE U.L. SURVEYS SECTION 40, A-U181,
 SECTION 31, A-U172 & SECTION 26 A-U169 OF BLOCK 6,
 APPROXIMATELY 21.5 MILES NORTHEAST OF ANDREWS IN ANDREWS COUNTY, TEXAS.

engineers | architects | surveyors
LNV
 801 NAVIGATION SUITE 900
 CORPUS CHRISTI, TX 78408
 WWW.LNVINC.COM
 PHONE: (361) 885-1984
 FAX: (361) 885-1986

I HEREBY STATE THAT THIS PLAT SHOWS
 THE SUBJECT LOCATION AS STAKED ON THE
 GROUND 11/30/18.

SALVADOR A. SALAS
 REGISTERED PROFESSIONAL LAND SURVEYOR
 LICENSE NO. 6612



LINE	LATERAL	BEARING	DISTANCE
L1	SHL(POP) TO FTP	N 00°25'20" W	1,189.74'
L2	FTP TO TRACT	N 12°30'37" W	1,219.78'
L3	TRACT TO TRACT	N 12°30'37" W	1,320.22'
L4	TRACT TO TRACT	N 12°30'37" W	1,320.22'
L5	TRACT TO TRACT	N 12°30'37" W	2,640.44'
L6	TRACT TO TRACT	N 12°30'37" W	1,320.22'
L7	TRACT TO TRACT	N 12°30'37" W	1,320.13'
L8	TRACT TO TRACT	N 12°30'37" W	1,320.13'
L9	TRACT TO LTP	N 12°30'37" W	2,540.27'
L10	LTP TO BHL	N 12°30'37" W	50.00'
FTP TO LTP TOTAL = 13,001.41'			

SCALE: 1" = 2000 FEET

- NOTE:**
- COORDINATES SHOWN ARE BASED ON NAD27 TEXAS STATE PLANE COORDINATE SYSTEM, TEXAS NORTH CENTRAL ZONE.
 - ALL LEASE, LATERAL, AND TRACT INFORMATION WAS PROVIDED BY DIAMONDBACK E&P LLC.
 - THIS PLAT IS A COMBINATION OF OFFICE AND ON THE GROUND SURVEY.
 - THIS PLAT IS PREPARED FOR TEXAS RAILROAD COMMISSION PERMITTING PURPOSES ONLY AND SHOULD NOT BE CONSTRUED AS A BOUNDARY SURVEY.

