



RAILROAD COMMISSION OF TEXAS

Form W-2

1701 N. Congress
P.O. Box 12967
Austin, Texas 78701-2967

Status: Approved
Date: 05/18/2022
Tracking No.: 265209

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT,

OPERATOR INFORMATION			
Operator	DIAMONDBACK E&P LLC	Operator	217012
Operator	500 W TEXAS AVE STE 1200 MIDLAND, TX 79701-4203		

WELL INFORMATION			
API	42-003-48407	County:	ANDREWS
Well No.:	4LS	RRC District	08
Lease	UL CARNIOLAN 7-49 H	Field	SPRABERRY (TREND AREA)
RRC Lease	56947	Field No.:	85280300
Location	Section: 8, Block: 7, Survey: UL, Abstract: U193		
Latitude	32	Longitud	-102
This well is 16.6 miles in a NE direction from ANDREWS, which is the nearest town in the			

FILING INFORMATION			
Purpose of	Well Record Only		
Type of	New Well		
Well Type:	Shut-In Producer	Completion or Recompletion	11/09/2021
Type of Permit	Date	Permit No.	
Permit to Drill, Plug Back, or Rule 37 Exception	07/02/2021	870846	
Fluid Injection			
O&G Waste Disposal			
Other:			

COMPLETION INFORMATION			
Spud	10/30/2021	Date of first production after rig	11/09/2021
Date plug back, deepening, drilling operation	10/30/2021	Date plug back, deepening, recompletion, drilling operation	11/09/2021
Number of producing wells on this lease this field (reservoir) including this	4	Distance to nearest well in lease & reservoir	0.0
Total number of acres in	640.00	Elevation	2988 GR
Total depth TVD	9640	Total depth MD	20490
Plug back depth TVD		Plug back depth MD	
Was directional survey made other inclination (Form W-	Yes	Rotation time within surface casing Is Cementing Affidavit (Form W-15)	19.0 Yes
Recompletion or	No	Multiple	No
Type(s) of electric or other log(s)	Other		
Electric Log Other Description:	RCBL/GAMMA RAY		
Location of well, relative to nearest lease of lease on which this well is	2127.0 Feet from the	Off Lease :	Yes
	1142.0 Feet from the	West Line and	
		North Line of the	
		UL CARNIOLAN 7-49 H Lease.	

FORMER FIELD (WITH RESERVOIR) & GAS ID OR OIL LEASE NO.			
Field & Reservoir	Gas ID or Oil Lease	Well No.	Prior Service Type
PACKET:	N/A		

W2:	N/A		
FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:			
GAU Groundwater Protection Determination	Depth	1750.0	Date 07/20/2020
SWR 13 Exception	Depth		

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION		
Date of		Production
Number of hours	24	Choke
Was swab used during this	No	Oil produced prior to
PRODUCTION DURING TEST PERIOD:		
Oil		Gas
Gas - Oil	0	Flowing Tubing
Water		
CALCULATED 24-HOUR RATE		
Oil		Gas
Oil Gravity - API - 60.:		Casing
Water		

CASING RECORD											
Ro	Type of Casing	Casing	Hole	Setting	Multi -	Multi -	Cement	Cement	Slurry	Top of	TOC
		Size (in.)	Size	Depth	Stage Tool	Stage Shoe	Class	Amoun	Volume (cu.	Cement (ft.)	Determined By
1	Surface	11 3/4	14 3/4	1904			C	980	2171.0	SURF	Circulated to Surface ACE
2	Intermediate	8 5/8	11	7050			50:50 H	1130	3648.0	SURF	Circulated to Surface ACE
3	Conventional Production	5 1/2	7 7/8	20481			H	1835	4133.0	1220	Cement Evaluation Log

LINER RECORD									
<u>Ro</u>	<u>Liner Size</u>	<u>Hole Size</u>	<u>Liner Top</u>	<u>Liner Bottom</u>	<u>Cement Class</u>	<u>Cement Amoun</u>	<u>Slurry Volume (cu.)</u>	<u>Top of Cement (ft.)</u>	<u>TOC Determined</u>
N/A									

TUBING RECORD			
<u>Ro</u>	<u>Size (in.)</u>	<u>Depth</u>	<u>Size (ft.)</u>
		<u>Packer Depth (ft.)/Type</u>	
		/	
N/A			

PRODUCING/INJECTION/DISPOSAL INTERVAL			
<u>Ro</u>	<u>Open hole?</u>	<u>From (ft.)</u>	<u>To (ft.)</u>
		L	
N/A			

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC.			
Was hydraulic fracturing treatment		No	
Is well equipped with a downhole sleeve?		If yes, actuation pressure	
No			
Production casing test pressure (PSIG) during hydraulic fracturing		Actual maximum pressure (PSIG) during fracturin	
Has the hydraulic fracturing fluid disclosure been		No	
<u>Ro</u>	<u>Type of Operation</u>	<u>Amount and Kind of Material Used</u>	<u>Depth Interval (ft.)</u>

FORMATION RECORD					
Formations	Encountere	Depth TVD	Depth MD	Is formation	Remarks
YATES	Yes	3141.0	3141.0	Yes	
SEVEN RIVERS	Yes	3369.0	3371.0	Yes	
QUEEN	Yes	3831.0	3837.0	Yes	
GRAYBURG	Yes	4272.0	4282.0	Yes	
SAN ANDRES - CO2 FLOOD, HIGH FLOWS, H2S, CORROSIVE	Yes	4721.0	4736.0	Yes	
HOLT	No			No	NOT PRESENT
GLORIETA	Yes	5814.0	5840.0	Yes	
CLEARFORK	Yes	6869.0	6902.0	Yes	
TUBB	No			No	NOT PRESENT
PERMIAN DETRITAL	No			No	NOT PRESENT
LEON	No			No	NOT PRESENT
WICHITA ALBANY	No			No	NOT PRESENT
SPRABERRY	Yes	8443.0	8477.0	Yes	
DEAN	No			No	BELOW TD
WOLFCAMP	No			No	BELOW TD
CANYON	No			No	BELOW TD
PENNSYLVANIAN	No			No	BELOW TD
STRAWN	No			No	BELOW TD
DEVONIAN	No			No	BELOW TD
SILURIAN	No			No	BELOW TD
FUSSELMAN	No			No	BELOW TD
MCKEE	No			No	BELOW TD
ELLENBURGER	No			No	BELOW TD
PRECAMBRIAN (UNDIFFERENTIATED)	No			No	BELOW TD
Do the producing interval of this well produce H2S with a concentration in excess of 100 ppm					No
Is the completion being downhole commingled			No		

REMARKS
WRO - TUBING NOT SET. WELL NOT COMPLETED. P16 WILL BE SUBMITTED WITH IP. KOP - 9044

RRC REMARKS	
PUBLIC COMMENTS: [RRC Staff 2022-03-24 15:59:38.089] Unperfed WRO packet. EDL = 0 feet, max acres = 0	
CASING RECORD :	
TUBING RECORD: WRO - TUBING NOT SET. WELL NOT COMPLETED. P16 WILL BE SUBMITTED WITH IP. KOP - 9044	
PRODUCING/INJECTION/DISPOSAL INTERVAL :	
ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC. :	
POTENTIAL TEST DATA:	

OPERATOR'S CERTIFICATION			
Printed	Suzanne Dorchester	Title:	Regulatory Analyst II
Telephone	(432) 221-7433	Date	03/21/2022



RAILROAD COMMISSION OF TEXAS

Form W-

1701 N. Congress
P.O. Box 12967
Austin, Texas 78701-2967
CEMENTING REPORT

Operator Information

Operator Name: DIAMONDBACK E&P LLC Cementer Name: WEST TEXAS CEMENTERS, LLC

Operator P-5 No: 217012 Cementer P-5 No: 910261
Address: 500 W TEXAS AVE STE 1200 MIDLAND TX 79701 Address: P O BOX 6105 MCALLEN TX 78502
Date: 11/03/2021 Date: 11/03/2021

Well Information

District No: 08 County: ANDREWS
Well No: 4LS API No: 00348407 Drilling Permit No: 870846
Lease Name: UL CARNIOLAN 7-49 H Field Name: SPRABERRY (TREND AREA)

Lease No: N/A Field No: 85280300

Casing Cementing Data

Type of casing: Surface Cementing Date : 10/31/2021
Drilled hole size (in.): 14 3/4
Size of casing in O.D.(in): 11 3/4 Depth of drilled hole (ft.): 1922
Hrs. waiting on cement before drill-out: 24 No. of centralizers used : 17
Est. % wash-out or hole enlargement: 20 Top of liner (ft.): N/A
Calculated top of cement (ft.): 0 Setting depth liner (ft.) : N/A
Was cement circulated to ground surface (or bottom of cellar) Setting depth shoe (ft): 1904
outside casing? [Yes] Casing weight (lbs/ft) and grade: 42/J-55
Multiple parallel strings: No DV tool not opened: No

Slurry

Slurry # 1 * No. of Sacks: 715 * Class: CLASS C * Additives: REMARKS * Volume (cu. ft.) 1816 * Height (ft.) 4184
Slurry # 2 * No. of Sacks: 265 * Class: CLASS C * Additives: REMARKS * Volume (cu. ft.) 355 * Height (ft.) 816

Cementing to Squeeze, Plug Back or Plug and Abandon

Remarks

- 1)100% CLASS C+5% SALT+2% SMS+0.25PPS POL-E-FLAKE+0.005GPS
2)100% CLASS C+1% CACI2+0.005GPS

Cementer Certification: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision and that the cementing data and facts presented on both sides of this form are true, correct and complete, to the best of my knowledge. This certification covers cementing data only.

Company Representative: Melissa Burrola Representative's Title: Admin Assistant
Phone Number: (432) 220-0100

Operator Certification: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report and that data and facts presented on both sides of this form are true, correct and complete, to the best of my knowledge. This certification covers all well data.
Operator Representative: TERRIE GAINES Representative's Title: REGULATORY TECH II
Phone Number: (432) 245-6049



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Operator Information

Operator Name: DIAMONDBACK E&P LLC Cementer Name: WEST TEXAS CEMENTERS, LLC

Operator P-5 No: 217012 Cementer P-5 No: 910261
Address: 500 W TEXAS AVE STE 1200 MIDLAND TX 79701 Address: P O BOX 6105 MCALLEN TX 78502
Date: 11/05/2021 Date: 11/03/2021

Well Information

District No: 08 County: ANDREWS
Well No: 4LS API No: 00348407 Drilling Permit No: 870846
Lease Name: UL CARNIOLAN 7-49 H Field Name: SPRABERRY (TREND AREA)

Lease No: N/A Field No: 85280300

Casing Cementing Data

Type of casing: Intermediate Cementing Date : 11/02/2021
Drilled hole size (in.): 11
Size of casing in O.D.(in): 8 5/8 Depth of drilled hole (ft.): 7070
Hrs. waiting on cement before drill-out: 24 No. of centralizers used : 36
Est. % wash-out or hole enlargement: 20 Top of liner (ft.): N/A
Calculated top of cement (ft.): 0 Setting depth liner (ft.) : N/A
Was cement circulated to ground surface (or bottom of cellar) Setting depth shoe (ft): 7050
outside casing? [Yes] Casing weight (lbs/ft) and grade: 32 J-55
Multiple parallel strings: No DV tool not opened: No

Slurry

Slurry # 1 * No. of Sacks: 970 * Class: 50 50 H * Additives: REMARKS 1 * Volume (cu. ft.) 3453 * Height (ft.) 13576
Slurry # 2 * No. of Sacks: 160 * Class: CLASS H * Additives: REMARKS 2 * Volume (cu. ft.) 195 * Height (ft.) 773

Cementing to Squeeze, Plug Back or Plug and Abandon

Remarks

- 50% B_Poz+50% ClassH+10% Gel+5% SALT+5PPS Plexcrete STE+1.8% SM5+0.5% R-1300+3PPS Gilsonite+0.25PPS Pol-E-Flake+0.005GPS NoFoam VIA
100% Class H+5% SALT+0.2% SMS+0.35% C-20+0.005GPS NoFoam VIA

Cementer Certification: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision and that the cementing data and facts presented on both sides of this form are true, correct and complete, to the best of my knowledge. This certification covers cementing data only.

Company Representative: Melissa Burrola Representative's Title: Admin Assistant
Phone Number: (432) 220-0100

Operator Certification: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report and that data and facts presented on both sides of this form are true, correct and complete, to the best of my knowledge. This certification covers all well data.
Operator Representative: Danny Miles Representative's Title: Regulatory Tech III
Phone Number: (432) 245-6058



RAILROAD COMMISSION OF TEXAS

Form W-

1701 N. Congress

P.O. Box 12967

Austin, Texas 78701-2967

CEMENTING REPORT

Operator Information

Operator Name: DIAMONDBACK E&P LLC Cementer Name: WEST TEXAS CEMENTERS, LLC

Operator P-5 No: 217012 Cementer P-5 No: 910261

Address: 500 W TEXAS AVE STE 1200 MIDLAND TX 79701 Address: P O BOX 6105 MCALLEN TX 78502

Date: 11/16/2021 Date: 11/12/2021

Well Information

District No: 08 County: ANDREWS

Well No: 4LS API No: 00348407 Drilling Permit No: 870846

Lease Name: UL CARNIOLAN 7-49 H Field Name: SPRABERRY (TREND AREA)

Lease No: N/A Field No: 85280300

Casing Cementing Data

Type of casing: Production Cementing Date : 11/09/2021

Drilled hole size (in.): 7 7/8

Size of casing in O.D.(in): 5 1/2 Depth of drilled hole (ft.): 20490

Hrs. waiting on cement before drill-out: 24 No. of centralizers used : 70

Est. % wash-out or hole enlargement: 20 Top of liner (ft.): N/A

Calculated top of cement (ft.): 1220 Setting depth liner (ft.) : N/A

Was cement circulated to ground surface (or bottom of cellar) Setting depth shoe (ft): 20481

outside casing? [No] Casing weight (lbs/ft) and grade: 17 P-110-CY

Multiple parallel strings: No DV tool not opened: No

Slurry

Slurry # 1 * No. of Sacks: 440 * Class: H * Additives: Remark #1 * Volume (cu. ft.) 1566 * Height (ft.) 7057

Slurry # 2 * No. of Sacks: 1395 * Class: H * Additives: Remark #2 * Volume (cu. ft.) 2567 * Height (ft.) 14759

Cementing to Squeeze, Plug Back or Plug and Abandon

Remarks

- 1. 50% B_Poz+50% Class H+10% Gel+5% Salt+5PPS Plexcrete STE+1.8% SMS+0.55% R-1300+3PPS Gilsonite+0.25PPS Pol E Flake
2. 50% B_Poz +50% Class H+6% Gel+5PPS Plexcrete STE+0.25% SMS+0.05% SuspendaCem 6302+0.5% C-20+0.5% C-478

Cementer Certification: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision and that the cementing data and facts presented on both sides of this form are true, correct and complete, to the best of my knowledge. This certification covers cementing data only.

Company Representative: Terri Creech Representative's Title: Administrative Assistant

Phone Number: (432) 220-0100

Operator Certification: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report and that data and facts presented on both sides of this form are true, correct and complete, to the best of my knowledge. This certification covers all well data.

Operator Representative: Danny Miles Representative's Title: Regulatory Tech III

Phone Number: (432) 245-6058

Tracking No.: 265209

This facsimile L-1 was generated electronically from data submitted to the RRC.

Instructions

When to File Form L-1:

- with Forms G-1, W-2, and GT-1 for new and deepened gas, oil, and geothermal wells
- with Form W-3 for plugged dry holes
- when sending in a log which was held under a request for confidentiality and the period for confidentiality has not yet expired.

When is Form L-1 NOT required:

- with Forms W-2, G-1, and GT-1 filed for injection wells, disposal wells, water supply wells, service wells, re-test wells, re-classifications, and plugbacks of oil, gas or geothermal wells
- with Form W-3 for plugging of other than a dry hole

Where to File Form L-1:

- with the appropriate Commission district office

Filling out Form L-1:

- Section I and the signature section must be filled out for all wells
- complete only the appropriate part of Section II

Type of log required:

- any wireline survey run for the purpose of obtaining lithology, porosity, or resistivity information
- no more than one such log is required but it must be of the subject well
- if such log is NOT run on the subject well, do NOT substitute any other type of log; just select Section II, Part A below

SECTION I. IDENTIFICATION

Operator Name: DIAMONDBACK E&P LLC	District No. 08	Completion Date: 11/09/2021
Field Name SPRABERRY (TREND AREA)	Drilling Permit No. 870846	
Lease Name UL CARNIOLAN 7-49 H	Lease/ID No. 56947	Well No. 4LS
County ANDREWS	API No. 42- 003-48407	

SECTION II. LOG STATUS (Complete either A or B)

☐ A. BASIC ELECTRIC LOG NOT RUN

☒ B. BASIC ELECTRIC LOG RUN. (Select one)

- ☒ 1. Confidentiality is requested and a copy of the header for each log that has been run on the well is attached.
- ☐ 2. Confidentiality already granted on basic electric log covering this interval (applicable to deepened wells only).
- ☐ 3. Basic electric log covering this interval already on file with Commission (applicable to deepened wells only).
- ☐ 4. Log attached to (select one):

☐ (a) Form L-1 (this form). If the company/lease name on log is different from that shown in Section I, please enter name on log here: _____

Check here if attached log is being submitted after being held confidential. ☐

☐ (b) Form P-7, Application for Discovery Allowable and New Field Designation.

☐ (c) Form W-4, Application for Multiple Completion:

Lease or ID No(s). _____

Well No(s). _____

Suzanne Dorchester

Signature

DIAMONDBACK E&P LLC

Name (print)

Regulatory Analyst II

Title

(432) 221-7433

Phone

03/21/2022

Date

-FOR RAILROAD COMMISSION USE ONLY-



Radial Cement Bond Gamma Ray / CCL Log

Company Diamondback Energy LLC.
Well UL Carniolan 7-49 H 4LS
Field Sprayberry (Trend Area)
County Andrews
State Texas

Company Diamondback Energy LLC.
Well UL Carniolan 7-49 H 4LS
Field Sprayberry (Trend Area)
County Andrews
State Texas

Location: API # : 42-003-48407
2127' FWL & 1142' FNL
UL Survey
Section 8 BLK. 7 Abst. U193

Other Services
4.60"
Gauge Ring

Permanent Datum Ground Level Elevation 2988.3'
Log Measured From Kelly Bushing 30' A.P.D.
Drilling Measured From Kelly Bushing

Elevation
K.B. 3018.3
D.F. 3018.3
G.L. 2988.3

Date	12-20-2021	12-21-2021
Run Number	One	Two
Depth Driller	20490'	20490'
Depth Logger	9716'	9716'
Bottom Logged Interval	9709'	9709'
Top Log Interval	Surface	500'
Open Hole Size	7 7/8"	7 7/8"
Type Fluid	Water	Water
Density / Viscosity	8.4	8.4
Max. Recorded Temp.	---	---
Estimated Cement Top	1220'	1220'
Time Well Ready	7:30	8:00
Time Logger on Bottom	10:45	11:30
Equipment Number	W206	W206
Location	Midland Tx.	Midland Tx.
Recorded By	Merrell Reed	Merrell Reed
Witnessed By	Buddy	Buddy

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record		Size	Wgt/Ft	Top	Bottom		
Surface String							
Intermediate String							
Production String		5 1/2"	17#	Surface	20481'		
Liner							
Short Joints		8885-8905					

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Radial Cement Bond Log Ran Using 30' KB
Ran RCBL With 4.60" Gauge Ring
Below Tools With No Issues

Marker Joint @ 8885-8905

*Note Run Two 1500# Pressure Pass

Thank You for Choosing Underdog Wireline, Midland, TX. (432) 288-0395

CERTIFICATE OF COMPLIANCE
AND TRANSPORTATION AUTHORITY

P-4

This facsimile P-4 was generated electronically from data submitted to the RRC.
A certification of the automated data is available in the RRC's Austin office.

Tracking No.: 265209

1. Field name exactly as shown on proration schedule SPRABERRY (TREND AREA)		2. Lease name as shown on proration schedule UL CARNIOLAN 7-49 H					
3. Current operator name exactly as shown on P-5 Organization Report DIAMONDBACK E&P LLC		4. Operator P-5 no. 217012	5. Oil Lse/Gas ID no 56947	6. County ANDREWS	7. RRC district 08		
8. Operator address including city, state, and zip code 500 W TEXAS AVE STE 1200 MIDLAND, TX 79701-4203		9. Well no(s) (see instruction E) 4LS					
		10. Classification <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A)			11. Effective Date 11/09/2021		
12. Purpose of Filing. (Complete section a or b below.) (See instructions B and G) a. Change of: <input type="checkbox"/> operator <input type="checkbox"/> oil or condensate gatherer <input type="checkbox"/> gas gatherer <input type="checkbox"/> gas purchaser <input type="checkbox"/> gas purchaser system code <input type="checkbox"/> field name from: _____ Docket #: _____ <input type="checkbox"/> lease name from: _____ <hr/> b. New RRC Number for: <input checked="" type="checkbox"/> oil lease <input type="checkbox"/> gas well Due to: <input type="checkbox"/> new completion or recompletion <input type="checkbox"/> reclass oil to gas <input type="checkbox"/> reclass gas to oil <input type="checkbox"/> other well (specify) _____ <input type="checkbox"/> consolidation <input type="checkbox"/> unitization <input type="checkbox"/> field transfer <input type="checkbox"/> subdivision (oil lease only)							
13. Authorized GAS WELL GAS or CASINGHEAD GAS Gatherer(s) and/or Purchaser(s). (See instruction G).							
Gatherer	Purchaser	Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s) As Indicated in Columns to the Left (Attach an additional sheet in same format if more space is needed)			Purchaser's RRC Assigned System Code	Percent of Take	Full-well stream
14. Authorized OIL or CONDENSATE Gatherer(s). (See instruction G).							
Name of OIL or CONDENSATE Gatherer(s) - List Highest Volume Gatherer First (Attach an additional sheet in same format if more space is needed)						Percent of Take	
N/A							
RRC USE ONLY: Reviewer's initials: <u>RRC Staff</u> Approval date: <u>05/18/2022</u>							
15. PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING. Being the PREVIOUS OPERATOR, I certify that operating responsibility for the well(s) designated in this filing, located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.							
Name of Previous Operator _____ Name (print) _____ Title _____				Signature <input type="checkbox"/> Authorized Employee of previous operator <input type="checkbox"/> Authorized agent of previous operator (see instruction G) _____ Date _____ Phone with area code _____			
16. CURRENT OPERATOR CERTIFICATION. By signing this certificate as the Current Operator, I certify that all statements on this form are true and correct and I acknowledge responsibility for the regulatory compliance of the subject lease including plugging of well(s) pursuant to Rule 14. I further acknowledge that I assume responsibility for the physical operation, control, and proper plugging of each well designated in this filing. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.							
DIAMONDBACK E&P LLC Name (print) Regulatory Analyst II Title SDorchester@DiamondbackEnergy.com E-mail Address (optional)				Suzanne Dorchester Signature <input checked="" type="checkbox"/> Authorized Employee of current operator <input type="checkbox"/> Authorized agent of current operator (see instruction G) 03/21/2022 Date (432) 221-7433 Phone with area code			

GROUNDWATER PROTECTION DETERMINATION

Form GW-2



Groundwater Advisory Unit

Date Issued: 20 July 2020**GAU Number:** 278382**Attention:** DIAMONDBACK E&P LLC
500 W TEXAS AVE STE 1200
MIDLAND, TX 79701**API Number:** 00348257
County: ANDREWS
Lease Name: UL CARNIOLAN 7-49 A**Operator No.:** 217012**Lease Number:**
Well Number: 1LS
Total Vertical Depth: 13000
Latitude: 32.404150
Longitude: -102.279722
Datum: NAD27**Purpose:** New Production Well**Location:** Survey-UL; Abstract-U193; Block-7; Section-8

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 275 feet, and the zone from 1300 to 1750 feet must be protected.

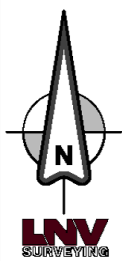
This recommendation is applicable for all wells drilled in this section 8.

Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. Unless stated otherwise, this recommendation is for normal drilling, production, and plugging operations only.

This determination is based on information provided when the application was submitted on 07/17/2020. 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



UL
A-U140
SEC. 36
BLK. 5

UL
A-U177
SEC. 36
BLK. 6

A-U178
SEC. 37
BLK. 6

UL
A-U141
SEC. 37
BLK. 5

UL
A-U186
SEC. 48
BLK. 6

UL
A-U187
SEC. 49
BLK. 6

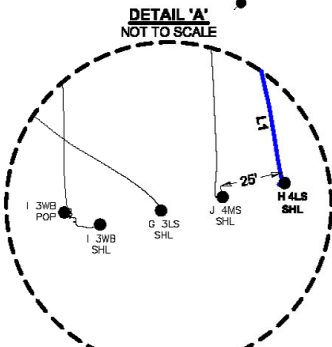
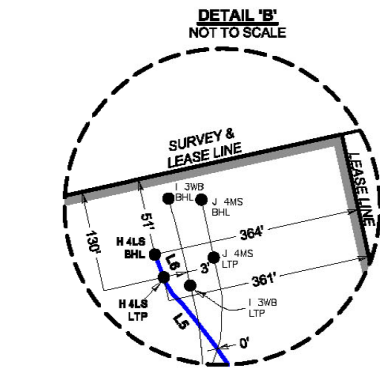
UL
A-U191
SEC. 6
BLK. 7

UL
A-U192
SEC. 7
BLK. 7

UL
A-U219
SEC. 1
BLK. 8

UL
A-U193
SEC. 8
BLK. 7

UL
A-U230
SEC. 12
BLK. 8



LINE	LATERAL	DISTANCE
L1	SHL TO POP	502.10'
L2	POP TO FTP	781.58'
L3	FTP TO LEASE	2,503.51'
L4	LEASE TO LEASE	2,840.01'
L5	LEASE TO LTP	5,149.53'
L6	LTP TO BHL	79.00'
FTP TO LTP TOTAL =		10,283.05'

500 0 500 1000
SCALE: 1" = 1000 FEET

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

I HEREBY STATE THAT THIS PLAT SHOWS THE SUBJECT WELL LOCATION AS STAKED ON THE GROUND. THIS SHOULD NOT BE CONSIDERED A BOUNDARY SURVEY.



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



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801 NAVIGATION, SUITE 300
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WWW.LNVINC.COM

TYPE: FIRM NO. F-388
TDPLS: FIRM NO. 10128000

AN AS-DRILLED PLAT FOR:
DIAMONDBACK E&P LLC
UL CARNIOLAN 7-49 H 4LS

SITUATED IN THE UL SURVEYS, SECTION 8, A-U193, & SECTION 7, A-U192, OUT OF BLOCK 7 AND SECTION 49, A-U187, OUT OF BLOCK 6, APPROXIMATELY 16.6 MILES NORTHEAST OF ANDREWS IN ANDREWS COUNTY, TEXAS.

Survey Date: 06/08/2021
Surveyed By: RM/WR
Drawn by: HR/AA
Checked by: CL/MC
Job #: 200073.209

WELL NUMBER	LEASE CALLS	SURVEY CALLS	MEASURED DEPTH	NAD27 TEXAS STATE PLANE COORDINATES	NAD27 GEOGRAPHIC COORDINATES(DMS)	NAD27 GEOGRAPHIC COORDINATES(DD)	NAD83 GEOGRAPHIC COORDINATES(DD)
H 4LS SHL	OFF LEASE 1,142' FNL	2,127' FWL 1,142' FNL	---	Y = 302,172.83 X = 526,706.62	LAT. = 32°24'18.73"N LONG. = 102°16'30.97"W	LAT. = 32.4052026° N LONG. = 102.2752700° W	LAT. = 32.4053079° N LONG. = 102.2757035° W
H 4LS POP	OFF LEASE 640' FNL	2,144' FWL 640' FNL	6,889.0' (TVD)	Y = 302,666.35 X = 526,614.17	LAT. = 32°24'23.57"N LONG. = 102°16'32.31"W	LAT. = 32.4065462° N LONG. = 102.2758419° W	LAT. = 32.4066515° N LONG. = 102.2767033° W
H 4LS FTP	486' FEL 142' FSL	2,154' FWL 142' FSL	10,107.0'	Y = 303,431.54 X = 526,455.05	LAT. = 32°24'31.06"N LONG. = 102°16'34.57"W	LAT. = 32.4086276° N LONG. = 102.2762696° W	LAT. = 32.4087327° N LONG. = 102.2767033° W
H 4LS LTP	361' FEL 130' FNL	2,280' FWL 130' FNL	20,411.0'	Y = 313,502.26 X = 524,350.18	LAT. = 32°28'09.67"N LONG. = 102°17'04.45"W	LAT. = 32.4360185° N LONG. = 102.2845684° W	LAT. = 32.4361223° N LONG. = 102.2850035° W
H 4LS BHL	364' FEL 51' FNL	2,276' FWL 51' FNL	20,490.0'	Y = 313,578.56 X = 524,329.71	LAT. = 32°28'10.41"N LONG. = 102°17'04.73"W	LAT. = 32.4362255° N LONG. = 102.2846460° W	LAT. = 32.4363283° N LONG. = 102.2850810° W