



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Submitted
Date: 01/10/2024
Tracking No.: 306071

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT,

OPERATOR INFORMATION

Table with Operator, DIAMONDBACK E&P LLC, Operator 217012, and address 500 W TEXAS AVE STE 100 MIDLAND, TX 79701-

WELL INFORMATION

Table with well details: API 42-003-48362, Well No.: 2LS, Lease UL PAGE 41-44 E, RRC Lease 59594, Location Section: 41, Block: 6, Survey: UL, Abstract: U182, County: ANDREWS, RRC District 08, Field SPRABERRY (TREND AREA), Field No.: 85280300, Latitude 32, Longitud -102, This well is 22 miles in a NE direction from ANDREWS, which is the nearest town in the

FILING INFORMATION

Table with filing details: Purpose of Initial Potential, Type of Other/Recompletion, Well Type: Producing, Completion or Recompletion 09/06/2023, Type of Permit, Date 07/14/2022, Permit No. 868662, Permit to Drill, Plug Back, or Rule 37 Exception, Fluid Injection, O&G Waste Disposal, Other:

COMPLETION INFORMATION

Table with completion details: Spud 12/05/2022, Date of first production after rig 09/06/2023, Date plug back, deepening, drilling operation 06/23/2023, Date plug back, deepening, recompletion, drilling operation 07/14/2023, Number of producing wells on this lease this field (reservoir) including this 7, Distance to nearest well in lease & reservoir 1.0, Total number of acres in 240.00, Elevation 2937 GR, Total depth TVD 9411, Total depth MD 17653, 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) 21.0 Yes, Recompletion or Yes, Multiple No, Type(s) of electric or other log(s) Other RCBL, Location of well, relative to nearest lease of lease on which this well is 448.0 Feet from the West Line and 721.0 Feet from the North Line of the UL PAGE 41-44 E Lease. Off Lease : Yes

FORMER FIELD (WITH RESERVOIR) & GAS ID OR OIL LEASE NO.

Table with headers: 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 1650.0	Date 07/15/2022
SWR 13 Exception	Depth	

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION

Date of 09/17/2023	Production	Pumping
Number of hours 24	Choke 46	
Was swab used during this No	Oil produced prior to	10048.30
PRODUCTION DURING TEST PERIOD:		
Oil 1256.00	Gas 608	
Gas - Oil 484	Flowing Tubing	369.00
Water 1339		
CALCULATED 24-HOUR RATE		
Oil 1256.0	Gas 608	
Oil Gravity - API - 60.: 37.3	Casing	136.00
Water 1339		

CASING RECORD

<u>Ro</u>	<u>Type of Casing</u>	<u>Casing Size (in.)</u>	<u>Hole Size</u>	<u>Setting Depth</u>	<u>Multi - Stage</u>	<u>Multi - Tool Shoe</u>	<u>Cement Class</u>	<u>Cement Amoun</u>	<u>Slurry Volume (cu.)</u>	<u>Top of Cement (ft.)</u>	<u>TOC Determined By</u>
1	Surface	11 3/4	14 3/4	1766			C	1125	1745.0	SURF ACE	Circulated to Surface
2	Intermediate	8 5/8	10 5/8	6469			PROLITEC	785	2850.5	SURF ACE	Circulated to Surface
3	Conventional Production	5 1/2	7 7/8	17633			C	1590	3491.1	674	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>
1	2 7/8	9060		/

PRODUCING/INJECTION/DISPOSAL INTERVAL

<u>Ro</u>	<u>Open hole?</u>	<u>From (ft.)</u>	<u>To (ft.)</u>
1	No	L1 9901	17587.0

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC.

Was hydraulic fracturing treatment Yes

Is well equipped with a downhole sleeve? Yes **If yes, actuation pressure** 6970.0

Production casing test pressure (PSIG) hydraulic fracturing 6500 **Actual maximum pressure (PSIG) during fracturin** 8503

Has the hydraulic fracturing fluid disclosure been Yes

Ro	Type of Operation	Amount and Kind of Material Used	Depth Interval (ft.)
-----------	--------------------------	---	-----------------------------

FORMATION RECORD

<u>Formations</u>	<u>Encountere</u>	<u>Depth TVD</u>	<u>Depth MD</u>	<u>Is formation</u>	<u>Remarks</u>
YATES	Yes	2983.0	2989.0	Yes	
SEVEN RIVERS	No			No	NOT PRESENT
QUEEN	No			No	NOT PRESENT
GRAYBURG	Yes	4057.0	4084.0	Yes	
SAN ANDRES - CO2 FLOOD, HIGH FLOWS, H2S, CORROSIVE	Yes	4477.0	4511.0	Yes	
HOLT	No			No	NOT PRESENT
GLORIETA	Yes	5590.0	5644.0	Yes	
CLEARFORK	Yes	6427.0	6503.0	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	8294.0	8446.0	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

WELL IS COMPLETED AND PRODUCING. KOP - 9100

RRC REMARKS

PUBLIC COMMENTS:

[RRC Staff 2024-01-30 11:23:31.195] EDL=7650 feet, max acres=560, SPRABERRY (TREND AREA) oil well, take points: 9901-17587 feet MD, API No. 003-48362

CASING RECORD :

TUBING RECORD:

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	01/10/2024



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: CREST PUMPING TECHNOLOGIES, LLC

Operator P-5 No: 217012

Cementer P-5 No: 189898

Address: 500 W TEXAS AVE STE 1200 MIDLAND TX 79701

Address: 6500 WEST FREEWAY SUITE 601 FORT WORTH

Date: 12/08/2022

TX 76116

Date: 12/07/2022

Well Information

District No: 08

County: ANDREWS

Well No: 2LS

API No: 00348362

Drilling Permit No: 868662

Lease Name: UL PAGE 41-44 E

Field Name: SPRABERRY (TREND AREA)

Lease No: N/A

Field No: 85280300

Casing Cementing Data

Type of casing: Surface

Cementing Date : 12/06/2022

Drilled hole size (in.): 14.750

Depth of drilled hole (ft.): 1766

Size of casing in O.D.(in): 11.750

No. of centralizers used : 13

Hrs. waiting on cement before drill-out: 24

Top of liner (ft.): N/A

Est. % wash-out or hole enlargement: 20

Setting depth liner (ft.) : N/A

Calculated top of cement (ft.): 0

Setting depth shoe (ft): 1766

Was cement circulated to ground surface (or bottom of cellar) 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: 775 * Class: Class C * Additives: See Remarks * Volume (cu. ft.) 1279 * Height (ft.) 2950

Slurry # 2 * No. of Sacks: 350 * Class: Class C * Additives: See Remarks * Volume (cu. ft.) 466 * Height (ft.) 1075

Cementing to Squeeze, Plug Back or Plug and Abandon

Remarks

- Surface

1. 3 bwow Sodium Chloride, 6 % Bentonite Gel, 0.4 % CPT-503P

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: David Wright

Representative's Title: Cementer

Phone Number: (940) 567-3392

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: 02/15/2023

Date: 02/14/2023

Well Information

District No: 08

County: ANDREWS

Well No: 2LS

API No: 00348362

Drilling Permit No: 868662

Lease Name: UL PAGE 41-44 E

Field Name: SPRABERRY (TREND AREA)

Lease No: N/A

Field No: 85280300

Casing Cementing Data

Type of casing: Intermediate

Cementing Date : 02/10/2023

Drilled hole size (in.): 10.625

Depth of drilled hole (ft.): 6489

Size of casing in O.D.(in): 8.625

No. of centralizers used : 31

Hrs. waiting on cement before drill-out: 24

Top of liner (ft.): N/A

Est. % wash-out or hole enlargement: 20

Setting depth liner (ft.) : N/A

Calculated top of cement (ft.): 0

Setting depth shoe (ft): 6469

Was cement circulated to ground surface (or bottom of cellar) 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: 655 * Class: PROLITE * Additives: REMARKS 1: * Volume (cu. ft.) 2672.4 * Height (ft.) 10920

Slurry # 2 * No. of Sacks: 130 * Class: CLASS C * Additives: REMARKS 2: * Volume (cu. ft.) 178.1 * Height (ft.) 775

Cementing to Squeeze, Plug Back or Plug and Abandon

Remarks

- REMARKS 1: +5PPS Plexcrete STE+2% SMS+0.5% R-1300+3PPS Gilsonite+0.25PPS Pol-E-Flake+0.005GPS NoFoam V1A
REMARKS 2: +5% SALT+0.25% FR-5+0.005GPS NoFoam V1A

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: Tahliya Pointer

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



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: 04/17/2023

Date: 04/17/2023

Well Information

District No: 08

County: ANDREWS

Well No: 2LS

API No: 00348362

Drilling Permit No: 868662

Lease Name: UL PAGE 41-44 E

Field Name: SPRABERRY (TREND AREA)

Lease No: N/A

Field No: 85280300

Casing Cementing Data

Type of casing: Production

Cementing Date : 04/13/2023

Drilled hole size (in.): 7.875

Depth of drilled hole (ft.): 17653

Size of casing in O.D.(in): 5.500

No. of centralizers used : 0

Hrs. waiting on cement before drill-out: 24

Top of liner (ft.): N/A

Est. % wash-out or hole enlargement: 20

Setting depth liner (ft.) : N/A

Calculated top of cement (ft.): 674

Setting depth shoe (ft): 17633

Was cement circulated to ground surface (or bottom of cellar) outside casing? [NO]

Casing weight (lbs/ft) and grade: 17 P-110

Multiple parallel strings: No

DV tool not opened: No

Slurry

Slurry # 1 * No. of Sacks: 495 * Class: C * Additives: REMARKS 1 * Volume (cu. ft.) 1618.65 * Height (ft.) 9132.11

Slurry # 2 * No. of Sacks: 1095 * Class: C * Additives: REMARKS 2 * Volume (cu. ft.) 1872.45 * Height (ft.) 10769.6

Cementing to Squeeze, Plug Back or Plug and Abandon

Remarks

- REMARKS 1- 50% M_Poz+50% Class C+10% Gel+5% SALT+5PPS Plexcrete STE+1.5% SMS+0.8% R-1300+3PPS Gilsonite+0.25PPS Pol-E-Flake+0.005GPS NoFoam V1A
REMARKS 2- 35% M_Poz+65% Class C+6% Gel+5% SALT+0.3% SMS+0.6% CRT-201+0.5% CFL-312+0.005GPS NoFoam V1A

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: Tahliya Pointer

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

GROUNDWATER PROTECTION DETERMINATION

Form GW-2



Groundwater Advisory Unit

Date Issued:	15 July 2022	GAU Number:	350521
Attention:	DIAMONDBACK E&P LLC 500 W TEXAS AVE STE 1200 MIDLAND, TX 79701	API Number:	00348361
Operator No.:	217012	County:	ANDREWS
		Lease Name:	UL PAGE 41-44 D
		Lease Number:	
		Well Number:	2JM
		Total Vertical:	13000
		Latitude:	32.466019
		Longitude:	-102.211686
		Datum:	NAD27

Purpose: New Production Well
Location: Survey-UL; Abstract-U182; Block-6; Section-41

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

The base of usable-quality water that must be protected is estimated to occur at a depth of 1650 feet below the land surface. Moreover, the interval from the land surface to a depth of 350 feet and the fresh water contained in the zone from a depth of 1200 feet to 1650 feet must be isolated from water in overlying and underlying beds.

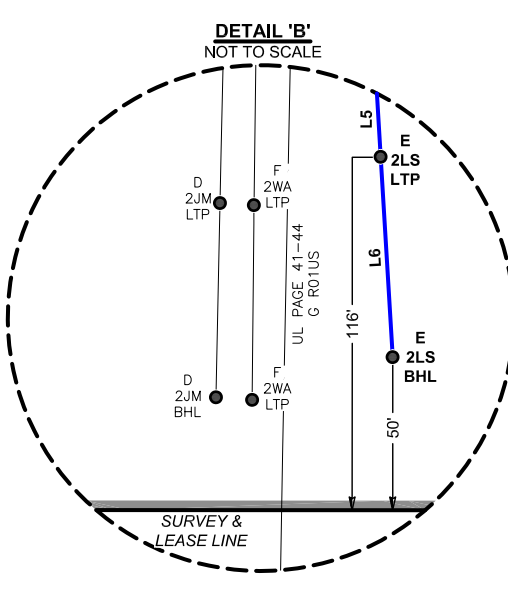
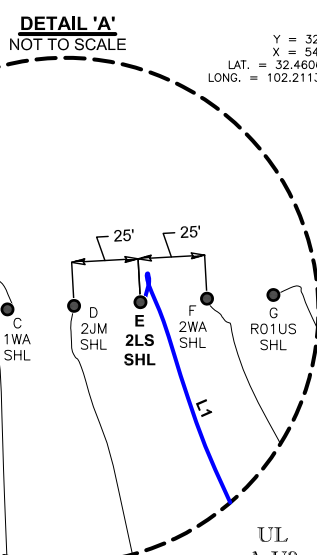
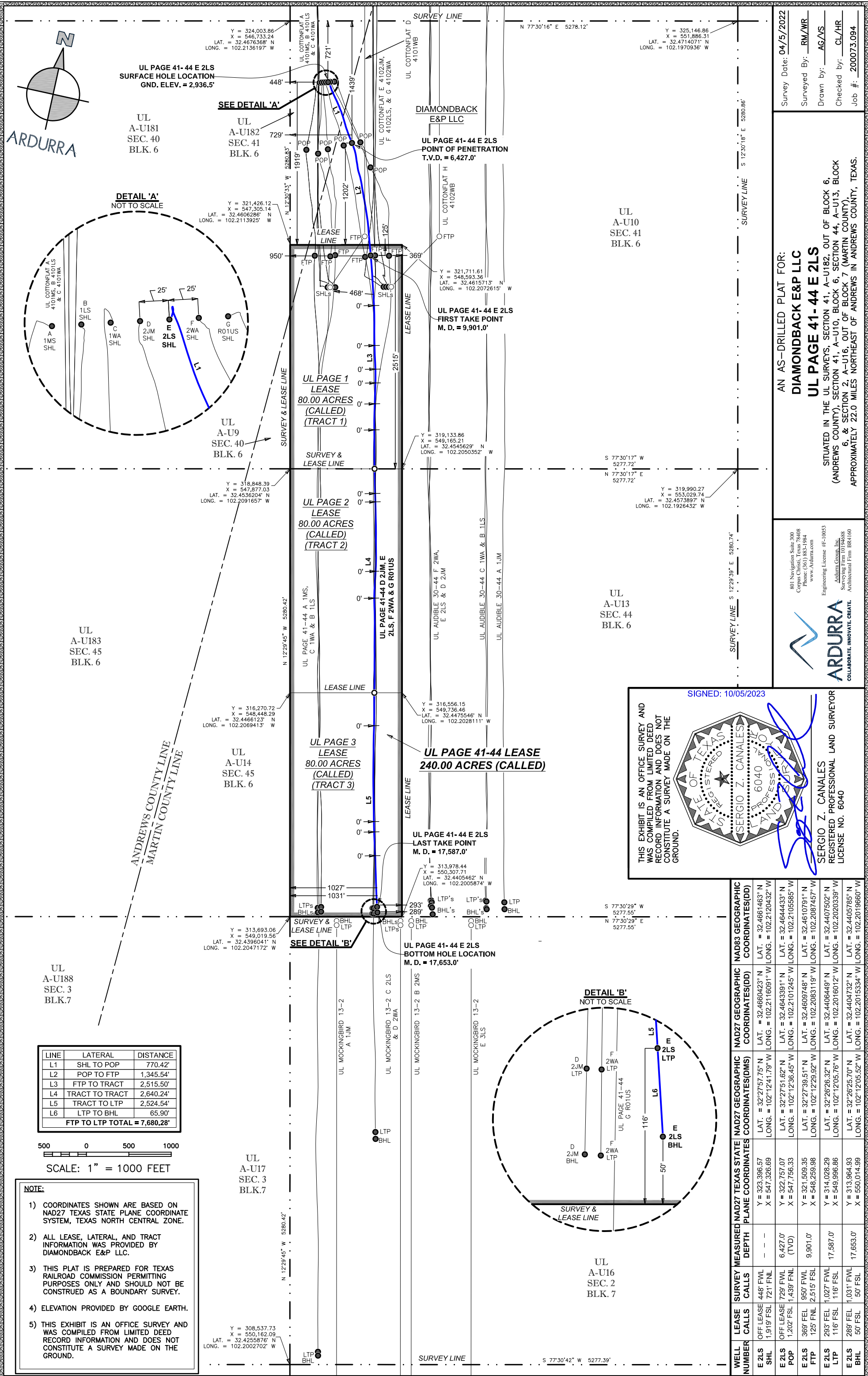
This recommendation is applicable for all wells drilled in this Section 41.

Note: Unless stated otherwise, this recommendation is intended to apply to all wells drilled within 200 feet of the subject well. 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 07/15/2022. 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.
 Rev. 02/2014



LINE	LATERAL	DISTANCE
L1	SHL TO POP	770.42'
L2	POP TO FTP	1,345.54'
L3	FTP TO TRACT	2,515.50'
L4	TRACT TO TRACT	2,640.24'
L5	TRACT TO LTP	2,524.54'
L6	LTP TO BHL	65.90'
FTP TO LTP TOTAL		7,680.28'

SCALE: 1" = 1000 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 PREPARED FOR TEXAS RAILROAD COMMISSION PERMITTING PURPOSES ONLY AND SHOULD NOT BE CONSTRUED AS A BOUNDARY SURVEY.
 - ELEVATION PROVIDED BY GOOGLE EARTH.
 - THIS EXHIBIT IS AN OFFICE SURVEY AND WAS COMPILED FROM LIMITED DEED RECORD INFORMATION AND DOES NOT CONSTITUTE A SURVEY MADE ON THE GROUND.

Survey Date: 04/5/2022
 Surveyed By: RM/WR
 Drawn by: AG/AS
 Checked by: CL/HR
 Job #: 200073.094

AN AS-DRILLED PLAT FOR:
DIAMONDBACK E&P LLC
UL PAGE 41-44 E 2LS
 SITUATED IN THE UL SURVEYS, SECTION 41, A-U182, OUT OF BLOCK 6, (ANDREWS COUNTY), SECTION 41, A-U10, BLOCK 6, SECTION 44, A-U13, BLOCK 6, & SECTION 2, A-U16, OUT OF BLOCK 7 (MARTIN COUNTY), APPROXIMATELY 22.0 MILES NORTHEAST OF ANDREWS IN ANDREWS COUNTY, TEXAS.

801 Navigation Suite 300
 Corpus Christi, Texas 78408
 Phone: (361) 885-1984
 www.ardurra.com
 Engineering License #E-10053
 Ardurra Group, Inc.
 Surveying Firm 10194688
 Architectural Firm 1614160

COLLABORATE. INNOVATE. CREATE.

SIGNED: 10/05/2023

THIS EXHIBIT IS AN OFFICE SURVEY AND WAS COMPILED FROM LIMITED DEED RECORD INFORMATION AND DOES NOT CONSTITUTE A SURVEY MADE ON THE GROUND.

SERGIO Z. CANALES
 REGISTERED PROFESSIONAL LAND SURVEYOR
 LICENSE NO. 6040

WELL NUMBER	LEASE CALLS	SURVEY CALLS	DEPTH	MEASURED NAD27 TEXAS STATE PLANE COORDINATES (DMS)	NAD27 GEOGRAPHIC COORDINATES (DD)	NAD83 GEOGRAPHIC COORDINATES (DD)
E 2LS SHL	OFF LEASE 1,919 FSL	448' FWL 721' FNL	---	Y = 323,396.57 X = 547,326.69	LAT. = 32°27'57.75" N LONG. = 102°12'41.79" W	LAT. = 32.4661463° N LONG. = 102.2116091° W
E 2LS POP	OFF LEASE 1,202 FSL	729' FWL 1,439' FNL	6,427.0' (TVD)	Y = 322,757.07 X = 547,756.33	LAT. = 32°27'51.62" N LONG. = 102°12'36.45" W	LAT. = 32.4644433° N LONG. = 102.2105585° W
E 2LS FTP	369' FEL 125' FNL	2,515' FSL	9,901.0'	Y = 321,509.35 X = 548,259.98	LAT. = 32°27'39.51" N LONG. = 102°12'29.92" W	LAT. = 32.4610791° N LONG. = 102.2087457° W
E 2LS LTP	293' FEL 116' FNL	1,027' FWL	17,587.0'	Y = 314,028.29 X = 549,996.86	LAT. = 32°26'26.32" N LONG. = 102°12'05.76" W	LAT. = 32.4407502° N LONG. = 102.2020339° W
E 2LS BHL	289' FEL 50' FSL	1,031' FWL 50' FNL	17,653.0'	Y = 313,984.93 X = 550,014.99	LAT. = 32°26'25.70" N LONG. = 102°12'05.52" W	LAT. = 32.4405786° N LONG. = 102.2019660° W