



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Submitted
Date: 05/25/2022
Tracking No.: 270395

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	42-317-43700	County:	MARTIN
Well No.:	1JM	RRC District	08
Lease	UL MOCKINGBIRD 13-2 A		
RRC Lease			
Location	Section: 16, Block: 7, Survey: UL, Abstract: U22		
Latitude	32	Longitud	-102
This well is 30.5 miles in a NW direction from STANTON, 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	03/09/2022
Type of Permit	Date	Permit No.	
Permit to Drill, Plug Back, or Rule 37 Exception	10/11/2021	871518	
Fluid Injection			
O&G Waste Disposal			
Other:			

COMPLETION INFORMATION			
Spud	01/03/2022	Date of first production after rig	03/09/2022
Date plug back, deepening, drilling operation	01/03/2022	Date plug back, deepening, recompletion, drilling operation	03/09/2022
Number of producing wells on this lease this field (reservoir) including this	5	Distance to nearest well in lease & reservoir	132.0
Total number of acres in	640.00	Elevation	2920 GL
Total depth TVD	9036	Total depth MD	19863
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)	20.8 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	1162.0 Feet from the West Line and 1423.0 Feet from the North Line of the UL MOCKINGBIRD 13-2 A Lease.	Off Lease :	Yes

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	350.0	Date 10/12/2021
SWR 13 Exception	Depth	2000.0	

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	1830			C	930	2075.0	SURF	Circulated to Surface ACE
2	Intermediate	8 5/8	11	6710			C	1095	3528.0	SURF	Circulated to Surface ACE
3	Conventional Production	5 1/2	7 7/8	19843			50:50 POZ H	2005	4359.0	2000 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?		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>

N/A

FORMATION RECORD					
Formations	Encountere	Depth TVD	Depth MD	Is formation	Remarks
SANTA ROSA	No			No	NOT PRESENT
YATES	Yes	3025.0	3035.0	Yes	
QUEEN	Yes	3664.0	3685.0	Yes	
GRAYBURG	Yes	4066.0	4094.0	Yes	
SAN ANDRES - ACTIVE CO2 FLOOD; HIGH FLOWS; H2S; CO	Yes	4492.0	4525.0	Yes	
CLEARFORK	Yes	6510.0	6573.0	Yes	
SPRABERRY	Yes	8280.0	8354.0	Yes	
DEAN	No			No	BELOW TD
WOLFCAMP	No			No	BELOW TD
CISCO	No			No	BELOW TD
PENNSYLVANIAN	No			No	BELOW TD
STRAWN	No			No	BELOW TD
MISSISSIPPIAN	No			No	BELOW TD
DEVONIAN	No			No	BELOW TD
SILURIAN	No			No	BELOW TD
FUSSELMAN	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 IS NOT SET YET, WELL NOT COMPLETE. RIGGED UP 12/30/2021, RIGGED DOWN 3/9/2022. P16 AND AS DRILLED PLAT WILL BE SUBMITTED WITH IP. KOP - 8508

RRC REMARKS

WRO - TUBING IS NOT SET YET, WELL NOT COMPLETE. RIGGED UP 12/30/2021, RIGGED DOWN 3/9/2022. P16 AND AS DRILLED PLAT WILL BE SUBMITTED WITH IP. KOP - 8508

OPERATOR'S CERTIFICATION

Date 05/25/2022



RAILROAD COMMISSION OF TEXAS

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

Form W-15

Rev. 08/2014

CEMENTING REPORT

Cementer: Fill in shaded areas.
Operator: Fill in other items.

OPERATOR INFORMATION					
Operator Name: Diamondback E&P LLC		Operator P-5 No.: 217012			
Cementer Name: West Texas Cementers		Cementer P-5 No.: 910261			
WELL INFORMATION					
District No.: 08		County: Martin			
Well No.: 11M		API No.: 42-317-43700		Drilling Permit No.: 871518	
Lease Name: UL Mockingbird 13-2 A		Lease No.:			
Field Name: Spraberry (Trend Area)		Field No.: 85280300			
I. CASING CEMENTING DATA					
Type of Casing: <input type="checkbox"/> Conductor <input checked="" type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Liner <input type="checkbox"/> Production					
Drilled hole size (in.): 14 3/4		Depth of drilled hole (ft.): 1850		Est. % wash-out or hole enlargement: 20	
Size of casing in O.D. (in.): 11 3/4		Casing weight (lbs/ft) and grade: 42 J-55		No. of centralizers used: 15	
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If no for surface casing, explain in Remarks.		Setting depth shoe (ft.): 1830		Top of liner (ft.):	
				Setting depth liner (ft.):	
Hrs. waiting on cement before drill-out: 24		Calculated top of cement (ft.): 0		Cementing date: 1/4/2022	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	690	C	REMARK #1	1753	4041
2	240	C	1% CALC2	322	738
3					
Total	930			2075	4779
II. CASING CEMENTING DATA					
Type of casing: <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered production <input type="checkbox"/> Multi-stage cement shoe <input type="checkbox"/> Multiple parallel strings					
Drilled hole size (in.):		Depth of drilled hole (ft.):		Est. % wash-out or hole enlargement:	
Size of casing in O.D. (in.):		Casing weight (lbs/ft) and grade:		No. of centralizers used:	
Tapered string drilled hole size (in.)		Tapered string depth of drilled hole (ft.)			
Upper: Lower:		Upper: Lower:			
Tapered string size of casing in O.D. (in.)		Tapered string casing weight (lbs/ft) and grade		Tapered string no. of centralizers used	
Upper: Lower:		Upper: Lower:		Upper: Lower:	
Was cement circulated to ground surface (or bottom of cellar) outside casing? YES <input type="checkbox"/> NO <input type="checkbox"/>		Setting depth shoe (ft.):			
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.):		Cementing date:	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total	0			0	0
III. CASING CEMENTING DATA					
Type of casing: <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered production <input type="checkbox"/> Multi-stage cement/DV too <input type="checkbox"/> Multiple parallel strings					
Drilled hole size (in.):		Depth of drilled hole (ft.):		Est. % wash-out or hole enlargement:	
Size of casing in O.D. (in.):		Casing weight (lbs/ft) and grade:		No. of centralizers used:	
Tapered string drilled hole size (in.)		Tapered string depth of drilled hole (ft.)			
Upper: Lower:		Upper: Lower:			
Tapered string size of casing in O.D. (in.)		Tapered string casing weight (lbs/ft) and grade		Tapered string no. of centralizers used	
Upper: Lower:		Upper: Lower:		Upper: Lower:	
Was cement circulated to ground surface (or bottom of cellar) outside casing? YES <input type="checkbox"/> NO <input type="checkbox"/>		Setting depth shoe (ft.):			
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.):		Cementing date:	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total	0			0	0

CEMENTING TO SQUEEZE, PLUG BACK OR PLUG AND ABANDON							
	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Cementing Date							
Size of hole or pipe (in.)							
Depth to bottom of tubing or drill pipe (ft.)							
Cement retainer setting depth (ft.)							
CIBP setting depth (ft.)							
Amount of cement on top of CIBP (ft.)							
Sacks of cement used							
Slurry volume pumped (cu. ft.)							
Calculated top of plug (ft.)							
Measured top of plug, if tagged (ft.)							
Slurry weight (lbs/gal)							
Class/type of cement							
Perforate and squeeze (YES/NO)							
REMARKS							
1. 100% Class C+5% SALT+2% SMS+0.25PPS Pol-E-Flake							

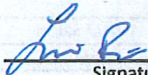
CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, 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.

LUIS RIOS - SERVICE SUPERVISOR

Name and title of cementer's representative

West Texas Cementers

Cementing Company


Signature

1400 S. JBS PARKWAY

Address

ODESSA, TX. 79766

City, State, Zip Code

432-227-0010

Tel: Area Code Number

1/4/2022

Date: mo. day yr.

OPERATOR'S CERTIFICATE: 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.

Danny Miles

Typed or printed name of operator's representative

Regulatory Tech III

Title


Signature

500 W. Texas; Ste 1200 Midland TX 79701

Address

City, State, Zip Code

432-245-6058

Tel: Area Code Number

01/06/2022

Date: mo. day yr.

Instructions for Form W-15, Cementing Report

NOTICE: The Form W-15 must be submitted as an attachment to a Form G-1 (Gas Well Back Pressure Test, Completion or Recompletion Report, and Log), Form W-2 (Oil Well Potential Test, Completion or Recompletion Report, and Log), Form W-3 (Plugging Record), or Form W-4 (Application for Multiple Completion), any time cement is pumped in a wellbore.

A. **What to file:** An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form. The Form W-15 should be filed with the Form W-3, Plugging Record, unless the Form W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

B. **How to file:** An oil and gas completion report and Form W-15 may be filed online using the Commission's Online System

(<https://webapps.rrc.state.tx.us/security/login.do>) or a paper copy of the form may be mailed to the Commission in Austin (P.O. Box 12967, Austin, Texas 787112967).

C. **Surface casing:** An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Groundwater Advisory Unit in Austin. Sufficient cement shall be used to fill the annular space outside the casing from the shoe to the ground surface or to the bottom of the cellar. Before drilling a well, an operator must obtain a letter from the Groundwater Advisory Unit stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

To plug and abandon a well, operators must use only cementers approved by the Commission's Director of Field Operations in accordance with SWR 14

([http://info.sos.state.tx.us/pls/pub/readtac\\$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14](http://info.sos.state.tx.us/pls/pub/readtac$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14)). Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

D. **Estimated % wash-out:** If the estimated % wash-out is less than 20% (or 30% along the Gulf Coast), provide supporting documentation such as a caliper log to show how the estimated % wash-out was obtained.

E. **Multi-stage cement:** An operator must report the multi-stage cement shoe in II. Casing Cementing Data section by selecting the type of casing and Multi-stage cement shoe. The operator must report the multi-stage cement tool in III. Casing Cementing Data section by selecting the type of casing and Multi-stage cement/DV tool.

F. **Multiple parallel strings:** An operator should file the Form W-15 as an attachment to the Form W-4, Application for Multiple Completion. An operator may be required to submit multiple Form W-15s to show all data for multiple parallel strings.

G. **Slurry data:** If cement job exceeds three slurries, continue the list of slurries in the Slurry table in the subsequent Casing Cementing Data box.



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Form W-15

Rev. 08/2014

CEMENTING REPORT

Cementer: Fill in shaded areas.
Operator: Fill in other items.

OPERATOR INFORMATION

Operator Name:	Diamondback E&P LLC	Operator P-5 No.:	217012
Cementer Name:	West Texas Cementers	Cementer P-5 No.:	910261

WELL INFORMATION

District No.:	08	County:	Martin
Well No.:	1JM	API No.:	42-317-43700
Lease Name:	UL Mockingbird 13-2 A	Drilling Permit No.:	871518
Field Name:	Spraberry (Trend Area)	Lease No.:	
		Field No.:	85280300

I. CASING CEMENTING DATA

Type of Casing:	Conductor	Surface	<input checked="" type="checkbox"/> Intermediate	Liner	Production
Drilled hole size (in.):	11	Depth of drilled hole (ft.):	6730	Est. % wash-out or hole enlargement:	20
Size of casing in O.D. (in.):	8 5/8	Casing weight (lbs/ft) and grade:	32 J-55	No. of centralizers used:	0
Was cement circulated to ground surface (or bottom of cellar) outside casing?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If no for surface casing, explain in Remarks.	Setting depth shoe (ft.):	6710	Top of liner (ft.):	
Hrs. waiting on cement before drill-out:	24	Calculated top of cement (ft.):	0	Setting depth liner (ft.):	
		Cementing date:	2/25/2022		

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	930	Class C	Remarks	3302	12983
2	165	Class C	Remarks	226	883
3					
Total	1095			3528	13866

II. CASING CEMENTING DATA

Type of casing:	Surface	Intermediate	Production	Tapered production	Multi-stage cement shoe	Multiple parallel strings
Drilled hole size (in.):		Depth of drilled hole (ft.):		Est. % wash-out or hole enlargement:		
Size of casing in O.D. (in.):		Casing weight (lbs/ft) and grade:		No. of centralizers used:		
Tapered string drilled hole size (in.)		Tapered string depth of drilled hole (ft.)				
Upper:	Lower:	Upper:	Lower:			
Tapered string size of casing in O.D. (in.)		Tapered string casing weight (lbs/ft) and grade		Tapered string no. of centralizers used		
Upper:	Lower:	Upper:	Lower:	Upper:	Lower:	
Was cement circulated to ground surface (or bottom of cellar) outside casing?	YES	NO		Setting depth shoe (ft.):		
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.):		Cementing date:		

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total	0			0	0

III. CASING CEMENTING DATA

Type of casing:	Surface	Intermediate	Production	Tapered production	Multi-stage cement/DV tool	Multiple parallel strings
Drilled hole size (in.):		Depth of drilled hole (ft.):		Est. % wash-out or hole enlargement:		
Size of casing in O.D. (in.):		Casing weight (lbs/ft) and grade:		No. of centralizers used:		
Tapered string drilled hole size (in.)		Tapered string depth of drilled hole (ft.)				
Upper:	Lower:	Upper:	Lower:			
Tapered string size of casing in O.D. (in.)		Tapered string casing weight (lbs/ft) and grade		Tapered string no. of centralizers used		
Upper:	Lower:	Upper:	Lower:	Upper:	Lower:	
Was cement circulated to ground surface (or bottom of cellar) outside casing?	YES	NO		Setting depth shoe (ft.):		
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.):		Cementing date:		

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total	0			0	0

CEMENTING TO SQUEEZE, PLUG BACK OR PLUG AND ABANDON							
	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Cementing Date							
Size of hole or pipe (in.)							
Depth to bottom of tubing or drill pipe (ft.)							
Cement retainer setting depth (ft.)							
CIBP setting depth (ft.)							
Amount of cement on top of CIBP (ft.)							
Sacks of cement used							
Slurry volume pumped (cu. ft.)							
Calculated top of plug (ft.)							
Measured top of plug, if tagged (ft.)							
Slurry weight (lbs/gal)							
Class/type of cement							
Perforate and squeeze (YES/NO)							
REMARKS							
1) 50% B Poz+50% Class C+10% Gel+5% SALT+5PPS Plexcrete STE+1.5% SMS+0.2% C-20+3PPS Gilsonite+0.25PPS Pol-E-Flake+0.005GPS							
2) 100% Class C+5% SALT+0.05% C-20+0.005GPS							

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Lee Herrera/Service Supervisor

Name and title of cementer's representative

West Texas Cementers

Cementing Company



Signature

1400 S JBS Parkway

Address

Odessa, Tx. 79766

City, State, Zip Code

432-220-0100

Tel: Area Code

Number

2/25/2022

Date: mo. day yr.

OPERATOR'S CERTIFICATE: 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.

Danny Miles

Typed or printed name of operator's representative

Regulatory Tech III

Title



Signature

500 W. Texas; Ste 1200

Address

Midland TX 79701

City, State, Zip Code

432-245-6058

Tel: Area Code

Number

03/01/2022

Date: mo. day yr.

Instructions for Form W-15, Cementing Report

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B. How to file: An oil and gas completion report and Form W-15 may be filed online using the Commission's Online System

(<https://webapps.rrc.state.tx.us/security/login.do>) or a paper copy of the form may be mailed to the Commission in Austin (P.O. Box 12967, Austin, Texas 787112967).

C. Surface casing: An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Groundwater Advisory Unit in Austin. Sufficient cement shall be used to fill the annular space outside the casing from the shoe to the ground surface or to the bottom of the cellar. Before drilling a well, an operator must obtain a letter from the Groundwater Advisory Unit stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

To plug and abandon a well, operators must use only cementers approved by the Commission's Director of Field Operations in accordance with SWR 14 ([http://info.sos.state.tx.us/pls/pub/readtac\\$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14](http://info.sos.state.tx.us/pls/pub/readtac$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14)). Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

D. Estimated % wash-out: If the estimated % wash-out is less than 20% (or 30% along the Gulf Coast), provide supporting documentation such as a caliper log to show how the estimated % wash-out was obtained.

E. Multi-stage cement: An operator must report the multi-stage cement shoe in II. Casing Cementing Data section by selecting the type of casing and Multi-stage cement shoe. The operator must report the multi-stage cement tool in III. Casing Cementing Data section by selecting the type of casing and Multi-stage cement/DV tool.

F. Multiple parallel strings: An operator should file the Form W-15 as an attachment to the Form W-4, Application for Multiple Completion. An operator may be required to submit multiple Form W-15s to show all data for multiple parallel strings.

G. Slurry data: If cement job exceeds three slurries, continue the list of slurries in the Slurry table in the subsequent Casing Cementing Data box.



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CEMENTING REPORT

Form W-15

Rev. 08/2014

Cementer: Fill in shaded areas.
Operator: Fill in other items.

OPERATOR INFORMATION					
Operator Name: Diamondback E&P LLC		Operator P-5 No.: 217012			
Cementer Name: West Texas Cementers		Cementer P-5 No.: 910261			
WELL INFORMATION					
District No.: 08		County: Martin			
Well No.: 1JM		API No.: 42-317-43700		Drilling Permit No.: 871518	
Lease Name: UL Mockingbird 13-2 A		Lease No.:			
Field Name: Spraberry (Trend Area)		Field No.: 85280300			
I. CASING CEMENTING DATA					
Type of Casing: <input type="checkbox"/> Conductor <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Liner <input checked="" type="checkbox"/> Production					
Drilled hole size (in.): 7 7/8		Depth of drilled hole (ft.): 19863		Est. % wash-out or hole enlargement: 20	
Size of casing in O.D. (in.): 5 1/2		Casing weight (lbs/ft) and grade: 17 P-110 CY		No. of centralizers used: 0	
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If no for surface casing, explain in Remarks.		Setting depth shoe (ft.): 19843		Top of liner (ft.):	
Hrs. waiting on cement before drill-out: 24		Calculated top of cement (ft.): 2000		Cementing date: 3/8/2022	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	390	50 50 Poz H	see remarks	1388	7993
2	1615	50 50 Poz H	see remarks	2971	17071
3					
Total	2005			4359	25064
II. CASING CEMENTING DATA					
Type of casing: <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered production <input type="checkbox"/> Multi-stage cement shoe <input type="checkbox"/> Multiple parallel strings					
Drilled hole size (in.):		Depth of drilled hole (ft.):		Est. % wash-out or hole enlargement:	
Size of casing in O.D. (in.):		Casing weight (lbs/ft) and grade:		No. of centralizers used:	
Tapered string drilled hole size (in.)		Tapered string depth of drilled hole (ft.)			
Upper: Lower:		Upper: Lower:			
Tapered string size of casing in O.D. (in.)		Tapered string casing weight (lbs/ft) and grade		Tapered string no. of centralizers used	
Upper: Lower:		Upper: Lower:		Upper: Lower:	
Was cement circulated to ground surface (or bottom of cellar) outside casing? YES <input type="checkbox"/> NO <input type="checkbox"/>		Setting depth shoe (ft.):			
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.):		Cementing date:	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total	0			0	0
III. CASING CEMENTING DATA					
Type of casing: <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered production <input type="checkbox"/> Multi-stage cement/DV too <input type="checkbox"/> Multiple parallel strings					
Drilled hole size (in.):		Depth of drilled hole (ft.):		Est. % wash-out or hole enlargement:	
Size of casing in O.D. (in.):		Casing weight (lbs/ft) and grade:		No. of centralizers used:	
Tapered string drilled hole size (in.)		Tapered string depth of drilled hole (ft.)			
Upper: Lower:		Upper: Lower:			
Tapered string size of casing in O.D. (in.)		Tapered string casing weight (lbs/ft) and grade		Tapered string no. of centralizers used	
Upper: Lower:		Upper: Lower:		Upper: Lower:	
Was cement circulated to ground surface (or bottom of cellar) outside casing? YES <input type="checkbox"/> NO <input type="checkbox"/>		Setting depth shoe (ft.):			
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.):		Cementing date:	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total	0			0	0

CEMENTING TO SQUEEZE, PLUG BACK OR PLUG AND ABANDON

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Cementing Date							
Size of hole or pipe (in.)							
Depth to bottom of tubing or drill pipe (ft.)							
Cement retainer setting depth (ft.)							
CIBP setting depth (ft.)							
Amount of cement on top of CIBP (ft.)							
Sacks of cement used							
Slurry volume pumped (cu. ft.)							
Calculated top of plug (ft.)							
Measured top of plug, if tagged (ft.)							
Slurry weight (lbs/gal)							
Class/type of cement							
Perforate and squeeze (YES/NO)							

REMARKS

Lead additives 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
 Tail additives 50% B Poz+50% Class H+6% Gel+5PPS WTC1+5PPS Plexcrete STE+0.25% SMS+0.05% SuspendaCem 6302+0.5% C-20+0.5% C-47B
 Circulated 40 bbls of spacer

CEMENTER'S CERTIFICATE: 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.

Edgar Varela Service Supervisor
 Name and title of cementer's representative

West Texas Cementers
 Cementing Company


 Signature

1400 S JBS Parkway Odessa TX 79766

Address City, State, Zip Code

(4320 227-0100

Tel: Area Code Number

3/8/2022

Date: mo. day yr.

OPERATOR'S CERTIFICATE: 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.

Danny Miles
 Typed or printed name of operator's representative

Regulatory Tech III
 Title


 Signature

500 W. Texas; Ste 1200 Midland TX 79701
 Address City, State, Zip Code

432-245-6058

Tel: Area Code Number

03/10/2022
 Date: mo. day yr.

Instructions for Form W-15, Cementing Report

NOTICE: The Form W-15 must be submitted as an attachment to a Form G-1 (Gas Well Back Pressure Test, Completion or Recompletion Report, and Log), Form W-2 (Oil Well Potential Test, Completion or Recompletion Report, and Log), Form W-3 (Plugging Record), or Form W-4 (Application for Multiple Completion), any time cement is pumped in a wellbore.

A. **What to file:** An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form. The Form W-15 should be filed with the Form W-3, Plugging Record, unless the Form W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

B. **How to file:** An oil and gas completion report and Form W-15 may be filed online using the Commission's Online System

(<https://webapps.rrc.state.tx.us/security/login.do>) or a paper copy of the form may be mailed to the Commission in Austin (P.O. Box 12967, Austin, Texas 787112967).

C. **Surface casing:** An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Groundwater Advisory Unit in Austin. Sufficient cement shall be used to fill the annular space outside the casing from the shoe to the ground surface or to the bottom of the cellar. Before drilling a well, an operator must obtain a letter from the Groundwater Advisory Unit stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

To plug and abandon a well, operators must use only cementers approved by the Commission's Director of Field Operations in accordance with SWR 14 ([http://info.sos.state.tx.us/pls/pub/readtac\\$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14](http://info.sos.state.tx.us/pls/pub/readtac$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14)). Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

D. **Estimated % wash-out:** If the estimated % wash-out is less than 20% (or 30% along the Gulf Coast), provide supporting documentation such as a caliper log to show how the estimated % wash-out was obtained.

E. **Multi-stage cement:** An operator must report the multi-stage cement shoe in II. Casing Cementing Data section by selecting the type of casing and Multi-stage cement shoe. The operator must report the multi-stage cement tool in III. Casing Cementing Data section by selecting the type of casing and Multi-stage cement/DV tool.

F. **Multiple parallel strings:** An operator should file the Form W-15 as an attachment to the Form W-4, Application for Multiple Completion. An operator may be required to submit multiple Form W-15s to show all data for multiple parallel strings.

G. **Slurry data:** If cement job exceeds three slurries, continue the list of slurries in the Slurry table in the subsequent Casing Cementing Data box.

WAYNE CHRISTIAN, CHAIRMAN
CHRISTI CRADDICK, COMMISSIONER
JIM WRIGHT, COMMISSIONER



DANNY SORRELLS
DIRECTOR, OIL AND GAS DIVISION

JEFFERY MORGAN
DISTRICT DIRECTOR

RAILROAD COMMISSION OF TEXAS

OIL AND GAS DIVISION

OPERATOR Name: DIAMONDBACK E&P LLC
Address1: 500 W TEXAS AVE STE 1200
Address2:
City: MIDLAND
State: TX

RE: Lease: UL MOCKINGBIRD 13-2 A

Well No: 1JM
Sec: 16 **Block:** 7
County: MARTIN
Survey Name: UL

SWR13EX Application Number: 98941

Drilling Permit No: 871518

SWR 13 CASING EXCEPTION APPLICATION/ALTERNATIVE REQUEST APPROVED

The Proposed Casing and Cementing Program submitted for **LEASE** UL MOCKINGBIRD 13-2 A ;
WELL 1JM has been approved by the Railroad Commission of Texas District Office.

- a. A copy of this approved letter must be kept on location during all phases of drilling and/or plugging operations. Once approved, changes CANNOT be made to the Proposed Casing Program on the original application without additional approval from the Railroad Commission of Texas District Office.
- b. Any substantive modifications to the cement program require prior approval from the Railroad Commission of Texas District Office, and may require re-submission of the SWR 13 (Statewide Rule 13) Alternate Surface Casing Application. Contact the Railroad Commission of Texas District Office for more information.
- c. The tail slurry must be sufficient to fill the Zone of Critical Cement as described in Statewide Rule 13(b)(1)(H)(i). In addition, all cement slurries must be mixed on location as described in Application for Alternate Surface Casing Program.
- d. The casing and cement program shall adhere to the following specifications:
Set 2000 feet of surface casing and circulate cement from the shoe to the ground surface.

IF CEMENT IS NOT CIRCULATED TO THE GROUND SURFACE AS REQUIRED BY THIS EXCEPTION, YOU MUST CONTACT THE RAILROAD COMMISSION OF TEXAS DISTRICT OFFICE IMMEDIATELY AND FOLLOW THE PROCEDURES SET OUT IN RULE 13(b)(1)(H)(iii) OR AS REQUIRED BY THE RAILROAD COMMISSION OF TEXAS DISTRICT OFFICE.

You must comply with all other provisions of SWR 13 (Statewide Rule 13) and a representative of the cementing company who performs the cementing job for the protection of usable quality water strata must sign the Form W-15 attesting to the information regarding cementing operations performed; including circulation of cement. (Note: If surface casing is set below the approved depth, this can result in denial of future Statewide Rule 13(b)(1)(H)(i) requests.) A condition of the approved drilling permit requires notification to the Railroad Commission of Texas District Office eight (8) hours prior to the time casing is to be set/cemented in the well. If your exception request was submitted after the subject well has been drilled and completed, the operator may be referred for enforcement action.

This authorization shall expire within five (5) years from the date the Groundwater Protection Determination was issued, or at the expiration of the drilling permit (if the well is not spudded prior to expiration) for the referenced well, whichever occurs first. Furthermore, this authorization supersedes any prior authorizations issued for the referenced well.

This exception is based on information provided when the application was submitted 10/13/2021 .
If any information has changed, you must contact the appropriate Railroad Commission of Texas District Office, and submit a new application if applicable. If you have questions, please contact the appropriate Oil and Gas District office.

RRC APPROVAL BY: Elvis Leunguen

DATE: 10/13/2021

JEFFERY MORGAN

DISTRICT DIRECTOR

Tracking No.: 270395

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: 03/09/2022
Field Name SPRABERRY (TREND AREA)	Drilling Permit No. 871518	
Lease Name UL MOCKINGBIRD 13-2 A	Lease/ID No.	Well No. 1JM
County MARTIN	API No. 42- 317-43700	

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

05/25/2022

Date

-FOR RAILROAD COMMISSION USE ONLY-



Radial Cement Bond Gamma Ray CCL Log

Company Diamondback Energy Well UL Mockingbird 13-2 A 1JM Field Jo Mills County Martin State Texas	Company		Diamondback Energy				
	Well		UL Mockingbird 13-2 A 1JM				
	Field		Jo Mills				
	County		Martin				
	State		Texas				
Location:		API # : 42-317-43700		Other Services			
		Latitude 32° 9431 247 W		Junk Basket			
		Longitude 102° 267 23W		4.625" G. Ring			
Permanent Datum		Ground Level		Elevation 2941'			
Log Measured From		Kelly Bushing		25' A.P.D.			
Drilling Measured From		Kelly Bushing		K.B. 2916'			
				D.F. 2940'			
				G.L. 2941'			
Date		18-March-2022					
Run Number		One					
Depth Driller		-					
Depth Logger		9236'					
Bottom Logged Interval		9230'					
Top Log Interval		Surface					
Open Hole Size		8 1/2"					
Type Fluid		Water					
Density / Viscosity		8.44 Lbs					
Max. Recorded Temp.		--					
Estimated Cement Top		2000'					
Time Well Ready		8:00 AM					
Time Logger on Bottom		10:00 AM					
Equipment Number		W205					
Location		Midland, TX.					
Recorded By		Jordan Swinney					
Witnessed By		Gator					
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"	20#	Surface	-		
Liner							
Short Joints				8298'-8308'			

<<< 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

RCBL Ran Using 25' KB
RCBL Ran with 1500 Psi
Junk Basket & 4.625' G. Ring Ran on Bottom of Logging Tool to 9236' , w/ No Problems!!!

Est T.O.C @ 2000'

Short Joint 8298' - 8308'
Log Correlated to Short Joints Provided by Company Rep

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.: 270395

1. Field name exactly as shown on proration schedule SPRABERRY (TREND AREA)		2. Lease name as shown on proration schedule UL MOCKINGBIRD 13-2 A							
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	6. County MARTIN	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) 1JM			11. Effective Date 03/09/2022				
		10. Classification <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A)							
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: _____ Approval date: _____									
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. <table style="width:100%;"><tr><td style="width:50%; vertical-align: top;">Name of Previous Operator _____ Name (print) _____ Title _____</td><td style="width:50%; vertical-align: top;">Signature _____ <input type="checkbox"/> Authorized Employee of previous operator _____ Date _____ <input type="checkbox"/> Authorized agent of previous operator (see instruction G) _____ Phone with area code _____</td></tr></table>								Name of Previous Operator _____ Name (print) _____ Title _____	Signature _____ <input type="checkbox"/> Authorized Employee of previous operator _____ Date _____ <input type="checkbox"/> Authorized agent of previous operator (see instruction G) _____ Phone with area code _____
Name of Previous Operator _____ Name (print) _____ Title _____	Signature _____ <input type="checkbox"/> Authorized Employee of previous operator _____ Date _____ <input type="checkbox"/> Authorized agent of previous operator (see instruction G) _____ 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. <table style="width:100%;"><tr><td style="width:50%; vertical-align: top;">Name (print) Regulatory Analyst II _____ Title SDorchester@DiamondbackEnergy.com _____ E-mail Address (optional) _____</td><td style="width:50%; vertical-align: top;">Signature Suzanne Dorchester _____ <input checked="" type="checkbox"/> Authorized Employee of current operator 05/25/2022 _____ Date _____ <input type="checkbox"/> Authorized agent of current operator (see instruction G) (432) 221-7433 _____ Phone with area code _____</td></tr></table>								Name (print) Regulatory Analyst II _____ Title SDorchester@DiamondbackEnergy.com _____ E-mail Address (optional) _____	Signature Suzanne Dorchester _____ <input checked="" type="checkbox"/> Authorized Employee of current operator 05/25/2022 _____ Date _____ <input type="checkbox"/> Authorized agent of current operator (see instruction G) (432) 221-7433 _____ Phone with area code _____
Name (print) Regulatory Analyst II _____ Title SDorchester@DiamondbackEnergy.com _____ E-mail Address (optional) _____	Signature Suzanne Dorchester _____ <input checked="" type="checkbox"/> Authorized Employee of current operator 05/25/2022 _____ Date _____ <input type="checkbox"/> Authorized agent of current operator (see instruction G) (432) 221-7433 _____ Phone with area code _____								

GROUNDWATER PROTECTION DETERMINATION

Form GW-2



Groundwater Advisory Unit

Date Issued: 12 October 2021**GAU Number:** 318601**Attention:** DIAMONDBACK E&P LLC
500 W TEXAS AVE STE 1200
MIDLAND, TX 79701**API Number:** 31743703
County: MARTIN
Lease Name: UL MOCKINGBIRD 13-2 C**Operator No.:** 217012**Lease Number:**
Well Number: 2LS
Total Vertical 9490
Latitude: 32.408661
Longitude: -102.190834
Datum: NAD27**Purpose:** New Production Well**Location:** Survey-UL; Abstract-U22; Block-7; Section-16

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-bearing strata is estimated to occur at a depth of 350 feet at the site of the referenced well.

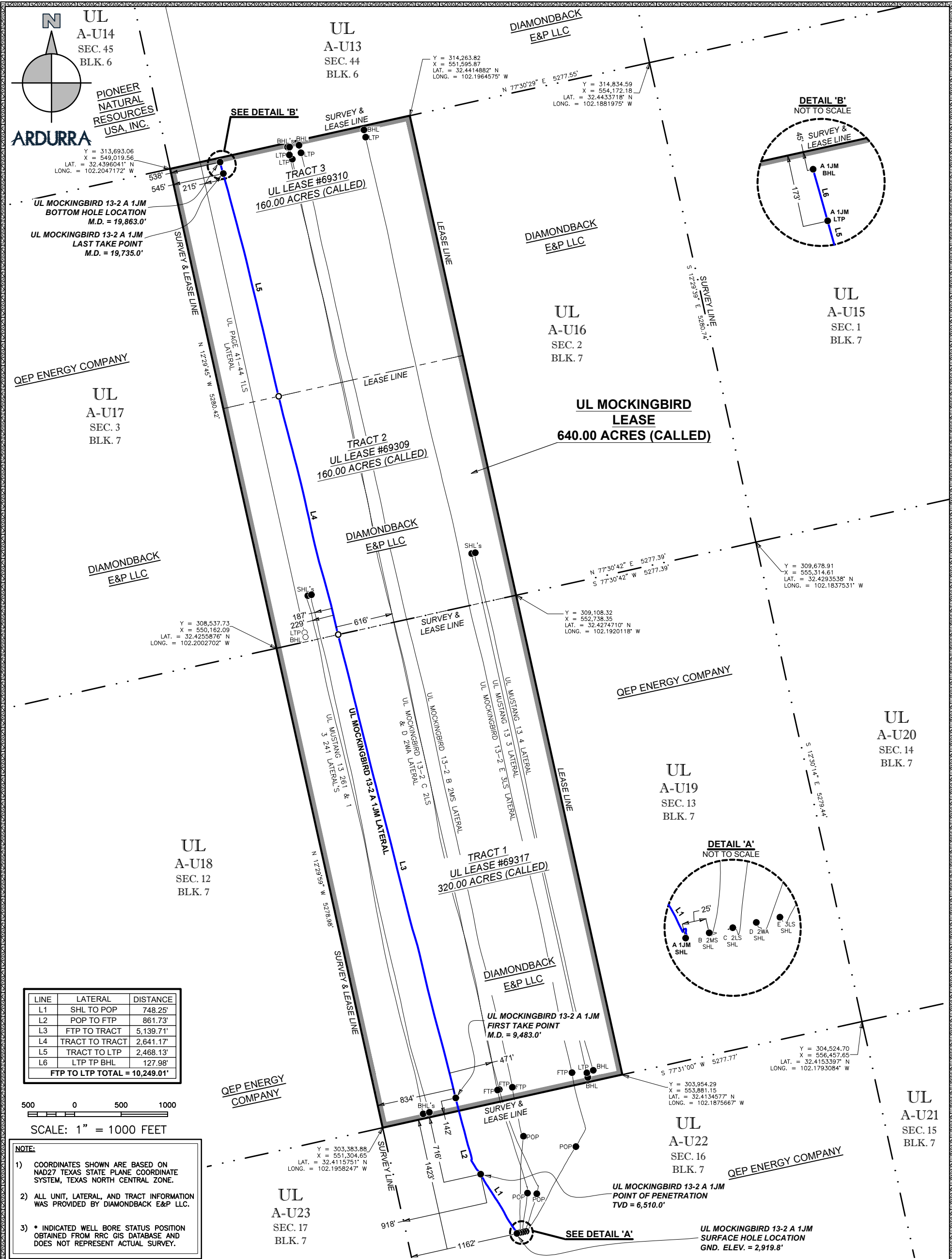
This recommendation is applicable for all wells drilled in this Survey-UL; Block-7; Section-16.

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 10/11/2021. 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



I HEREBY STATE THAT THIS PLAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. THIS SHOULD NOT BE CONSIDERED A BOUNDARY SURVEY.

SIGNED: 5/25/2022

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

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)
A 1JM SHL	OFF LEASE 1,423' FNL	1,162' FWL 1,423' FNL	- - -	Y = 302,245.53 X = 552,746.98	LAT. = 32°24'31.05" N LONG. = 102°11'27.57" W	LAT. = 32.4086261° N LONG. = 102.1909911° W	LAT. = 32.4087329° N LONG. = 102.1914220° W
A 1JM POP	OFF LEASE 716' FNL	918' FWL 716' FNL	6,510.0' (T.V.D.)	Y = 302,883.35 X = 552,355.75	LAT. = 32°24'37.19" N LONG. = 102°11'32.46" W	LAT. = 32.4103296° N LONG. = 102.1923497° W	LAT. = 32.4104363° N LONG. = 102.1927808° W
A 1JM FTP	834' FWL 142' FSL	834' FWL 142' FSL	9,483.0'	Y = 303,702.59 X = 552,088.48	LAT. = 32°24'45.17" N LONG. = 102°11'36.00" W	LAT. = 32.4125465° N LONG. = 102.1933335° W	LAT. = 32.4126531° N LONG. = 102.1937646° W
A 1JM LTP	545' FWL 173' FNL	545' FWL 173' FNL	19,735.0'	Y = 313,642.24 X = 549,589.48	LAT. = 32°26'22.32" N LONG. = 102°12'10.31" W	LAT. = 32.4395347° N LONG. = 102.2028644° W	LAT. = 32.4396400° N LONG. = 102.2032971° W
A 1JM BHL	538' FWL 45' FNL	538' FWL 45' FNL	19,863.0'	Y = 313,765.40 X = 549,554.69	LAT. = 32°26'23.53" N LONG. = 102°12'10.78" W	LAT. = 32.4398686° N LONG. = 102.2029949° W	LAT. = 32.4399739° N LONG. = 102.2034276° W

AN AS-DRILLED PLAT FOR:
DIAMONDBACK E&P LLC
UL MOCKINGBIRD 13-2 A 1JM
SITUATED IN THE SURVEYS, SECTION 16, A-U22, SECTION 13, A-U19, AND SECTION 2, A-U16, BEING OUT OF BLOCK 7, APPROXIMATELY 30.5 MILES NORTHWEST OF STANTON IN MARTIN COUNTY, TEXAS.

Survey Date: 08/30/2021
Surveyed By: RM/WR
Drawn by: AG
Checked by: CL/HR
Job #: 200073.211