



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

Table with Operator, DIAMONDBACK E&P LLC, Operator 217012, and address 500 W TEXAS AVE STE 1200 MIDLAND, TX 79701-4203.

WELL INFORMATION

Table with well details: API 42-317-43700, Well No.: 1JM, Lease UL MOCKINGBIRD 13-2 A, RRC Lease, Location Section: 16, Block: 7, Survey: UL, Abstract: U22, County: MARTIN, RRC District 08, Field SPRABERRY (TREND AREA), Field No.: 85280300, Latitude 32, Longitud -102, and nearest town STANTON.

FILING INFORMATION

Table with filing details: Purpose of Well Record Only, Type of New Well, Well Type: Shut-In Producer, Completion or Recompletion 03/09/2022, Type of Permit, Date 10/11/2021, Permit No. 871518, Rule 37 Exception, Fluid Injection, O&G Waste Disposal, and Other.

COMPLETION INFORMATION

Table with completion details: 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 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.

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	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

<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 Stage</u>	<u>Multi - 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	1830				C	930	2075.0	SURF ACE	Circulated to Surface
2	Intermediate	8 5/8	11	6710				C	1095	3528.0	SURF ACE	Circulated to Surface
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>
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		
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>
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

PUBLIC COMMENTS:

CASING RECORD :

TUBING RECORD:

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

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	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
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:	<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.):	Top of liner (ft.):	
			1830	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? <input type="checkbox"/> 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? <input type="checkbox"/> 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							

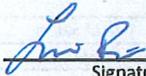
CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision,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

Address

Midland TX 79701

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&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&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

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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
		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:	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	Setting depth shoe (ft.):	6710	Top of liner (ft.):	
	If no for surface casing, explain in Remarks.	Setting depth liner (ft.):			
Hrs. waiting on cement before drill-out:	24	Calculated top of cement (ft.):	0	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



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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
		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.):	
				Setting depth 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% SuspendedCem 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.

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

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-

**CERTIFICATE OF COMPLIANCE
 AND TRANSPORTATION AUTHORITY**

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: operator oil or condensate gatherer gas gatherer gas purchaser gas purchaser system code
 field name from: _____ Docket #: _____
 lease name from: _____

b. New RRC Number for: oil lease gas well other well (specify) _____

Due to: new completion or recompletion reclass oil to gas reclass gas to oil
 consolidation unitization
 field transfer 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.

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) 05/25/2022 Date _____ Phone with area code (432) 221-7433
---	---

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
Operator No.:	217012	County:	MARTIN
		Lease Name:	UL MOCKINGBIRD 13-2 C
		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.

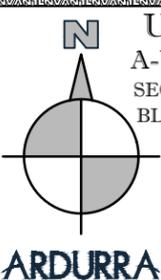
This recommendation is applicable for all wells drilled in this Survey-UL; Block-7; Section-16.

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



UL
A-U14
SEC. 45
BLK. 6

UL
A-U13
SEC. 44
BLK. 6

PIONEER
NATURAL
RESOURCES
USA, INC.

ARDURRA

Y = 313,693.06
X = 549,019.56
LAT. = 32.4396041° N
LONG. = 102.2047172° W

UL MOCKINGBIRD 13-2 A 1JM
BOTTOM HOLE LOCATION
M.D. = 19,863.0'

UL MOCKINGBIRD 13-2 A 1JM
LAST TAKE POINT
M.D. = 19,735.0'

SEE DETAIL 'B'

TRACT 3
UL LEASE #69310
160.00 ACRES (CALLED)

QEP ENERGY COMPANY

UL
A-U17
SEC. 3
BLK. 7

DIAMONDBACK
E&P LLC

UL
A-U16
SEC. 2
BLK. 7

UL MOCKINGBIRD
LEASE
640.00 ACRES (CALLED)

DIAMONDBACK
E&P LLC

TRACT 2
UL LEASE #69309
160.00 ACRES (CALLED)

DIAMONDBACK
E&P LLC

Y = 308,537.73
X = 550,162.09
LAT. = 32.4255876° N
LONG. = 102.2002702° W

Y = 309,108.32
X = 552,738.35
LAT. = 32.4274710° N
LONG. = 102.1920118° W

QEP ENERGY COMPANY

UL
A-U20
SEC. 14
BLK. 7

UL
A-U19
SEC. 13
BLK. 7

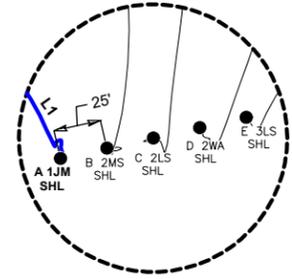
UL
A-U18
SEC. 12
BLK. 7

TRACT 1
UL LEASE #69317
320.00 ACRES (CALLED)

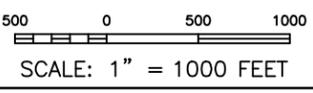
DIAMONDBACK
E&P LLC

UL MOCKINGBIRD 13-2 A 1JM
FIRST TAKE POINT
M.D. = 9,483.0'

DETAIL 'A'
NOT TO SCALE



LINE	LATERAL	DISTANCE
L1	SHL TO POP	748.25'
L2	POP TO FTP	861.73'
L3	FTP TO TRACT	5,139.71'
L4	TRACT TO TRACT	2,641.17'
L5	TRACT TO LTP	2,468.13'
L6	LTP TP BHL	127.98'
FTP TO LTP TOTAL		10,249.01'



- 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.
 - * INDICATED WELL BORE STATUS POSITION OBTAINED FROM RRC GIS DATABASE AND DOES NOT REPRESENT ACTUAL SURVEY.

QEP ENERGY COMPANY

UL
A-U23
SEC. 17
BLK. 7

UL
A-U22
SEC. 16
BLK. 7

QEP ENERGY COMPANY

UL MOCKINGBIRD 13-2 A 1JM
POINT OF PENETRATION
TVD = 6,510.0'

UL MOCKINGBIRD 13-2 A 1JM
SURFACE HOLE LOCATION
GND. ELEV. = 2,919.8'

UL
A-U21
SEC. 15
BLK. 7

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



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

801 Navigation Suite 300
Corpus Christi, Texas 78408
Phone: (361) 883-1984
www.Ardurra.com

Engineering License #F-10053

Ardurra Group, Inc.
Surveying Firm 10194688
Architectural Firm BR4160

AN AS-DRILLED PLAT FOR:
DIAMONDBACK E&P LLC
UL MOCKINGBIRD 13-2 A 1JM
SITUATED IN THE UL 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