



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Approved
Date: 05/11/2020
Tracking No.: 229462

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT, AND LOG

OPERATOR INFORMATION

Operator Name: DIAMONDBACK E&P LLC Operator No.: 217012
Operator Address: 500 W TEXAS AVE STE 1200 MIDLAND, TX 79701-4203

WELL INFORMATION

API No.: 42-003-47995 County: ANDREWS
Well No.: 4007WA RRC District No.: 08
Lease Name: UL BLK 6 DDU A Field Name: SPRABERRY (TREND AREA)
RRC Lease No.: 47890 Field No.: 85280300
Location: Section: 40, Block: 6, Survey: UL, Abstract: U181

Latitude: 32 Longitude: -102
This well is located 21.5 miles in a NE direction from ANDREWS, which is the nearest town in the county.

FILING INFORMATION

Purpose of filing: Initial Potential
Type of completion: New Well
Well Type: Producing Completion or Recompletion Date: 09/01/2019

| Type of Permit | Date | Permit No. |
|---------------------------------------|------------|------------|
| Permit to Drill, Plug Back, or Deepen | 01/28/2019 | 849185 |
| Rule 37 Exception | | |
| Fluid Injection Permit | | |
| O&G Waste Disposal Permit | | |
| Other: | | |

COMPLETION INFORMATION

| | |
|--|--|
| Spud date: 02/20/2019 | Date of first production after rig released: 09/01/2019 |
| Date plug back, deepening, recompletion, or drilling operation commenced: 02/20/2019 | Date plug back, deepening, recompletion, or drilling operation ended: 05/01/2019 |
| Number of producing wells on this lease in this field (reservoir) including this well: 13 | Distance to nearest well in lease & reservoir (ft.): 278.0 |
| Total number of acres in lease: 2800.00 | Elevation (ft.): 2961 GL |
| Total depth TVD (ft.): 9922 | Total depth MD (ft.): 23431 |
| Plug back depth TVD (ft.): 9922 | Plug back depth MD (ft.): 23431 |
| Was directional survey made other than inclination (Form W-12)? Yes | Rotation time within surface casing (hours): 38.2 |
| Recompletion or reclass? No | Is Cementing Affidavit (Form W-15) attached? Yes |
| Type(s) of electric or other log(s) run: Other | Multiple completion? No |
| Electric Log Other Description: RCBL | |
| Location of well, relative to nearest lease boundaries of lease on which this well is located: 2123.0 Feet from the West Line and 4217.0 Feet from the South Line of the UL BLK 6 DDU A Lease. | Off Lease : No |

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

| Field & Reservoir | Gas ID or Oil Lease No. | Well No. | Prior Service Type |
|-------------------|-------------------------|----------|--------------------|
|-------------------|-------------------------|----------|--------------------|

W2: N/A

| | | | |
|--|--------------|--------|------------------|
| PACKET: | N/A | | |
| FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY: | | | |
| GAU Groundwater Protection Determination | Depth (ft.): | 1750.0 | Date: 01/04/2016 |
| SWR 13 Exception | Depth (ft.): | | |

| INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION | | | |
|--|--|--------------------------------------|--|
| Date of test: 11/09/2019 | | Production method: Pumping | |
| Number of hours tested: 24 | | Choke size: | |
| Was swab used during this test? No | | Oil produced prior to test: 50681.00 | |
| PRODUCTION DURING TEST PERIOD: | | | |
| Oil (BBLS): 526.00 | | Gas (MCF): 283 | |
| Gas - Oil Ratio: 538 | | Flowing Tubing Pressure: | |
| Water (BBLS): 647 | | | |
| CALCULATED 24-HOUR RATE | | | |
| Oil (BBLS): 526.0 | | Gas (MCF): 283 | |
| Oil Gravity - API - 60.: 38.4 | | Casing Pressure: | |
| Water (BBLS): 647 | | | |

| CASING RECORD | | | | | | | | | | | |
|---------------|-------------------------|-------------------|-----------------|---------------------|---------------------------|--------------------------------|--------------|-----------------------|-------------------------|---------------------|-----------------------|
| Row | Type of Casing | Casing Size (in.) | Hole Size (in.) | Setting Depth (ft.) | Multi - Stage Depth (ft.) | Multi - Stage Shoe Depth (ft.) | Cement Class | Cement Amount (sacks) | Slurry Volume (cu. ft.) | Top of Cement (ft.) | TOC Determined By |
| 1 | Surface | 13 3/8 | 17 1/2 | 1812 | | | C | 1380 | 2755.5 | 0 | Circulated to Surface |
| 2 | Intermediate | 9 5/8 | 12 1/4 | 6525 | | | C | 2128 | 4341.9 | 806 | Calculation |
| 3 | Conventional Production | 5 1/2 | 8 3/4 | 23421 | | | H | 5170 | 6337.0 | 7460 | Cement Evaluation Log |

| LINER RECORD | | | | | | | | | |
|--------------|------------------|-----------------|-----------------|--------------------|--------------|-----------------------|-------------------------|---------------------|-------------------|
| Row | Liner Size (in.) | Hole Size (in.) | Liner Top (ft.) | Liner Bottom (ft.) | Cement Class | Cement Amount (sacks) | Slurry Volume (cu. ft.) | Top of Cement (ft.) | TOC Determined By |
| N/A | | | | | | | | | |

| TUBING RECORD | | | |
|---------------|------------|-------------|-------------------------|
| Row | Size (in.) | Depth (ft.) | Packer Depth (ft.)/Type |
| 1 | 2 7/8 | 9041 | / |

| PRODUCING/INJECTION/DISPOSAL INTERVAL | | | |
|---------------------------------------|------------|------------|----------|
| Row | Open hole? | From (ft.) | To (ft.) |
| 1 | No | L1 10372 | 23308.0 |

| | | | |
|---|-------------------|----------------------------------|----------------------|
| ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC. | | | |
| Was hydraulic fracturing treatment performed? Yes | | | |
| Is well equipped with a downhole actuation sleeve? Yes | | | |
| If yes, actuation pressure (PSIG): 7399.0 | | | |
| Production casing test pressure (PSIG) prior to hydraulic fracturing treatment: 6500 | | | |
| Actual maximum pressure (PSIG) during hydraulic fracturing: 9022 | | | |
| Has the hydraulic fracturing fluid disclosure been reported to FracFocus disclosure registry (SWR29)? Yes | | | |
| Row | Type of Operation | Amount and Kind of Material Used | Depth Interval (ft.) |

| FORMATION RECORD | | | | | |
|--|-------------|-----------------|----------------|------------------------|-------------|
| Formations | Encountered | Depth TVD (ft.) | Depth MD (ft.) | Is formation isolated? | Remarks |
| YATES | Yes | 3022.0 | 3027.0 | Yes | |
| SEVEN RIVERS | Yes | 3263.0 | 3269.0 | Yes | |
| QUEEN | Yes | 3688.0 | 3697.0 | Yes | |
| GRAYBURG | Yes | 4095.0 | 4107.0 | Yes | |
| SAN ANDRES - CO2 FLOOD, HIGH FLOWS, H2S, CORROSIVE | Yes | 4535.0 | 4549.0 | Yes | |
| HOLT | No | | | No | NOT PRESENT |
| GLORIETA | Yes | 5417.0 | 5435.0 | Yes | |
| TUBB | No | | | No | NOT PRESENT |
| CLEARFORK | Yes | 6454.0 | 6475.0 | Yes | |
| PERMIAN DETRITAL | No | | | No | NOT PRESENT |
| LEON | No | | | No | NOT PRESENT |
| WICHITA ALBANY | No | | | No | NOT PRESENT |
| SPRABERRY | Yes | 8325.0 | 8347.0 | Yes | |
| DEAN | Yes | 9579.0 | 9647.0 | Yes | |
| WOLFCAMP | Yes | 9764.0 | 9961.0 | Yes | |
| CANYON | No | | | No | TD = 23431 |
| PENNSYLVANIAN | No | | | No | TD = 23431 |
| MCKEE | No | | | No | TD = 23431 |
| STRAWN | No | | | No | TD = 23431 |
| FUSSELMAN | No | | | No | TD = 23431 |
| DEVONIAN | No | | | No | TD = 23431 |
| SILURIAN | No | | | No | TD = 23431 |
| ELLENBURGER | No | | | No | TD = 23431 |
| Do the producing interval of this well produce H2S with a concentration in excess of 100 ppm (SWR 36)? | | | | | No |
| Is the completion being downhole commingled (SWR 10)? | | | | | No |

REMARKS

SPUD WELL 2/20/2019 SET SURFACE CASING MOVED OFF LOC. RESUME DRILLING 4/15/2019.
KOP = 9135'.

| RRC REMARKS |
|--|
| <p>PUBLIC COMMENTS:</p> |
| <p>CASING RECORD :</p> |
| <p>TUBING RECORD:</p> |
| <p>PRODUCING/INJECTION/DISPOSAL INTERVAL :</p> |
| <p>ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC. :</p> |
| <p>POTENTIAL TEST DATA:</p> |

| OPERATOR'S CERTIFICATION | |
|--------------------------------------|---|
| <p>Printed Name: Vicki Edwards</p> | <p>Title: Senior Regulatory Analyst</p> |
| <p>Telephone No.: (432) 221-7418</p> | <p>Date Certified: 01/29/2020</p> |



January 29, 2020

Well Compliance
Railroad Commission of Texas
1701 N. Congress Ave
Austin, TX 78711-2967

RE: EXCEPTION TO SWR 51
RRC DISTRICT 08, SPRABERRY (TREND AREA) FIELD

To Whom It May Concern:

Diamondback respectfully requests a SWR 51 exception, as allowed by the field rules, for the below listed well.

| | |
|-------------|------------------------|
| FIELD: | SPRABERRY (TREND AREA) |
| LEASE NAME: | UL BLK 6 DDU A |
| WELL #: | 4007WA |
| LEASE ID: | 47890 |

Please contact me directly if you have any questions.

Sincerely,

Vicki Edwards

Vicki Edwards
Senior Regulatory Analyst
500 W. Texas, Suite 1200
Midland, TX 79701
(432) 221-7418 Office
vedwards@diamondbackenergy.com

**RAILROAD COMMISSION OF TEXAS**

1701 N. CONGRESS

P.O. Box 12967

Austin, Texas 78701-2967

CEMENTING REPORT**OPERATOR INFORMATION**

| | | |
|--------------------------------------|---------|--------------------------|
| Operator Name: DIAMONDBACK | E&P LLC | Operator P-5 No.: 217012 |
| Cementer Name: Big E Services | | Cementer P-5 No.: 69423 |

WELL INFORMATION

| | |
|---|--|
| District No.: 08 | County: ANDREWS |
| Well No.: 4007 WA | API No.: 42-00-47995 Drilling Permit No.: 849185 |
| Lease Name: UL BLK6 DDU 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.): 17 1/2 | | Depth of drilled hole (ft.) 1827 | |
| | | Est. % wash-out or hole enlargement 20% | |
| Size of casing in O.D. (in.): 13 3/8 | | Casing weight (lbs/ft) and grade: 54.5 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 or surface casing, explain in | | Setting depth shoe (ft.): 1812 | |
| Remarks | | Top of Liner (ft.): | |
| | | No. of centralizers used: | |
| Hrs. waiting on cement before drill-out: >24 | | Calculated top of cement (ft.): Surface | |
| | | Cementing Date: 2/21/2019 | |

SLURRY

| Slurry No. | No. of Sacks | Class | Additives | Volume (cu. ft.) | Height (ft.) |
|------------|--------------|-------|-------------|------------------|--------------|
| 1 | 750 | C | SEE REMARKS | 1905.00 | 2742 |
| 2 | 630 | C | SEE REMARKS | 850.50 | 1224 |
| 3 | | | | | |
| Total | 1380 | | | 2755.5 | 3966 |

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 drilled hole size (ft.) | |
| Upper: | | Upper: | |
| Lower: | | Lower: | |
| Tapered string size of casing in O.D. (in.) | | Tapered string casing weight (lbs/ft) and grade | |
| Upper: | | Upper: | |
| Lower: | | Lower: | |
| Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> Yes <input type="checkbox"/> No | | Setting depth shoe (ft.): | |
| Hrs. waiting on cement before drill-out: | | Cementing Date: | |
| | | | |

SLURRY

| Slurry No. | No. of Sacks | Class | Additives | Volume (cu. ft.) | Height (ft.) |
|------------|--------------|-------|-----------|------------------|--------------|
| 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 tool <input type="checkbox"/> Multiple parallel strings | | | |
| Drilled hole size (in.): | | Depth of drilled hole (ft.) | |
| 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 drilled hole size (ft.) | |
| Upper: Lower: | | Upper: Lower: | |
| Tapered string size of casing in O.D. (in.) | | Tapered string casing weight (lbs/ft) and grade | |
| Upper: Lower: | | Tapered string no. of centralizers used | |
| | | Upper: Lower: | |
| Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> Yes <input type="checkbox"/> 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 CLASS C + 2% C-45 + 0.25% CELLO-FLAKE + 0.25% C-41P + 5% SALT (BWOW) |
| #2 CLASS C + 2% CACL2 + 0.25% C-41P |
| #3 CIRCULATED 158 BBLS // 349 SKS OF CEMENT TO SURFACE |

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.

JOSE LUIS ROMERO
Name and title of cementer's representative
Big E Services
Cementing Company
PO Box 67047
Midland, TX 79711
432-550-2443
Signature
2/21/2019
Address City State Zip Code Tel: Area Code Number 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.

Suzanne Dorchester
Type or printed name of operator's representative
Regulatory Tech
Title
500 W Texas Suite 1200 Midland, Texas 79701
432-221-7433
Signature
1/23/2020
Address City State Zip Code Tel: Area Code Number 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 78711-2967).

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 an A11d 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



RAILROAD COMMISSION OF TEXAS

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

Form W-15

Rev. 08/2014

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

CEMENTING REPORT

OPERATOR INFORMATION

Operator Name: Diamondbeck E&P LLC
Cementer Name: BJ Services, LLC

Operator P-5 No.: 217012
Cementer P-5 No.: 072507

WELL INFORMATION

District No.: 08 County: Andrews
Well No.: 4007WA API No.: 42-003-47995 Drilling Permit No.: 849185
Lease Name: UL BLK 6DDU A Lease No.:
Field Name: Spraberry (Trend Area) Field No.: 85280300

I. CASING CEMENTING DATA

Type of casing: ☐ Conductor ☐ Surface ☒ Intermediate ☐ Liner ☐ Production

Drilled hole size (in.): 12 1/4 Depth of drilled hole (ft.): 6546 Est. % wash-out or hole enlargement: 20%
Size of casing in O.D. (in.): 9 5/8 Casing weight (lbs/ft) and grade: 40# K-55 No. of centralizers used: 69
Was cement circulated to ground surface (or bottom of cellar) outside casing? ☐ YES ☒ NO If no for surface casing, explain in Remarks. Setting depth shoe (ft.): 6525 Top of liner (ft.):
Setting depth liner (ft.):
Hrs. waiting on cement before drill-out: 3.25 Calculated top of cement (ft.): 806 Cementing date: 4-18-2019

SLURRY

| Slurry No. | No. of Sacks | Class | Additives | Volume (cu. ft.) | Height (ft.) |
|------------|--------------|---------|-------------|------------------|--------------|
| 1 | 1678 | Class C | See Remarks | 4018.92 | 12813.0201 |
| 2 | 250 | Class C | See Remarks | 323 | 1021.50 |
| 3 | | | | | |
| Total | 2128 | | | 4341.92 | 13835.1255 |

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:
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 | | | | | |

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:
Was cement circulated to ground surface (or bottom of cellar) outside casing? ☐ YES ☐ NO Setting depth tool (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 | | | | | |

| 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

Slurry #1 60:40 XCEM-02:Class C+10.00% Bentonite+2.00% A-10+.85% ASA-301+.20% SMS+.20% R-3+.005lb/sk Static Free +.005 Gps FP-6L. Slurry #2 50:50:2 Class C +.30% CD-32+.10% R-21+.005lb/sk Static Free +.005 gps FP-6L.

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.

Service Supervisor - Miguel Alvarez

BJ SERVICES, LLC

Miguel Alvarez
Signature

Name and title of cementer's representative

Cementing Company

11211 FM 2920 RD.

TOMBALL, TEXAS 77375

(281) 408-2361

4/18/2019

Address

City

State

Tel: Area Code

Number

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.

Suzanne Dorchester

Regulatory Tech

Suzanne Dorchester
Signature

Typed or printed name of operator's representative

Title

500 W Texas Suite 1200 Midland, Texas 79701

432-221-7433

1/23/2020

Address

City

State

Tel: Area Code

Number

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.

- 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.
- 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 78711-2967).
- 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&ri=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&ri=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.
- 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.
- 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.
- 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.
- Slurry data:** If cement job exceeds three slurries, continue the list of slurries in the Slurry table in the subsequent Casing Cementing Data box.



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
Cementer Name: BJ SERVICES LLC

Operator P-5 No.: 217012
Cementer P-5 No.: 072507

WELL INFORMATION

District No.: 08 County: ANDREWS
Well No.: 4007WA API No.: 42-003-47995 Drilling Permit No.: 849185
Lease Name: UL BLK 6 DDU 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.): | 8 3/4 | Depth of drilled hole (ft.): | 23431 | Est. % wash-out or hole enlargement: | 20% |
| Size of casing in O.D. (in.): | 5.5 | Casing weight (lbs/ft) and grade: | 20# P-110 | No. of centralizers used: | 229 |
| Was cement circulated to ground surface (or bottom of cellar) outside casing? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | Setting depth shoe (ft.): | 23421 | 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.): | 7460 | Cementing date: | 5/1/19 |
| SLURRY | | | | | |
| Slurry No. | No. of Sacks | Class | Additives | Volume (cu. ft.) | Height (ft.) |
| 1 | 742 | H | REMARKS | 1945 | 7700 |
| 2 | 4428 | H | REMARKS | 4392 | 17387 |
| 3 | | | | | |
| Total | 5170 | | | 6337 | 25087 |

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 | 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 | | | | | | |

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 tool | <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 | Setting depth tool (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 | | | | | | |

| 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: 50:50 XCEM-02:CLASS H+10%GEL+7%FL-52+5%CD32A+15%ASA-30+1%SMS+5%SALT+1.05%R-21+.005#SF+.005GPS FP-6L TAIL:60:40 XCEM-02:CLASS H+.3%FL-66+.2%CD32A+.2%R-21+.005#SF+.005GPS FP-6L |

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.

BRIAN LEVANDOWSKI- FIELD SPECIALIST III BJ SERVICES LLC

Name and title of cementer's representative
11211 FM 2920 RD.
Address

Cementing Company
TOMBALL, TX 77375
City, State, Zip Code

Signature
Brian Levandowski

(281) 408-2361
Tel: Area Code Number

5/1/19
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.

Suzanne Dorchester
Typed or printed name of operator's representative

Regulatory Tech
Title

Signature
Suzanne Dorchester

500 W Texas Suite 1200 Midland, Texas 79701
Address

432-221-7433
Tel: Area Code Number

1/23/2020
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.

- 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.
- 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 78711-2967).
- 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.
- 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.
- 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.
- 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.
- Slurry data:** If cement job exceeds three slurries, continue the list of slurries in the Slurry table in the subsequent Casing Cementing Data box.

Tracking No.: 229462

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: 09/01/2019 |
| Field Name SPRABERRY (TREND AREA) | Drilling Permit No. 849185 | |
| Lease Name UL BLK 6 DDU A | Lease/ID No. 47890 | Well No. 4007WA |
| County ANDREWS | API No. 42- 003-47995 | |

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). _____

Vicki Edwards

Signature

DIAMONDBACK E&P LLC

Name (print)

Senior Regulatory Analyst

Title

(432) 221-7418

Phone

01/29/2020

Date

-FOR RAILROAD COMMISSION USE ONLY-



UNDERDOG WIRELINE, LLC.

Radial Cement Bond Gamma Ray CCL Log

| | | | | | | | |
|--|---------------------------------|---------------------------|-------------|-----------------|--------|--------|----|
| Company Diamondback Energy Well UL Blk 6 DDU A Unit 4007WA Field UL Cats County Andrews State Texas | Company Diamondback Energy | | | | | | |
| | Well UL Blk 6 DDU A Unit 4007WA | | | | | | |
| | Field UL Cats | | | | | | |
| | County Andrews | | | | | | |
| State Texas | | | | | | | |
| Location: | | API #: 42-003-47995 | | Other Services | | | |
| | | 3434' FWL & 1577' FSL | | Junk Basket | | | |
| | | Sec: 40 Blk: 06 Abs: U181 | | 4.55" G.R. | | | |
| | | UL Survey | | | | | |
| Permanent Datum | | Ground Level | | Elevation 2961' | | | |
| Log Measured From | | Kelly Bushing | | 25' A.P.D. | | | |
| Drilling Measured From | | Kelly Bushing | | K.B. 2986' | | | |
| | | | | D.F. 2982' | | | |
| | | | | G.L. 2961' | | | |
| Date | | 27-May-2019 | | | | | |
| Run Number | | One | | | | | |
| Depth Driller | | 23421' | | | | | |
| Depth Logger | | 10024' | | | | | |
| Bottom Logged Interval | | 10015' | | | | | |
| Top Log Interval | | Surface | | | | | |
| Open Hole Size | | -- | | | | | |
| Type Fluid | | Water | | | | | |
| Density / Viscosity | | 8.44 Lbs. | | | | | |
| Max. Recorded Temp. | | -- | | | | | |
| Estimated Cement Top | | 7460' | | | | | |
| Time Well Ready | | 11:30 Hrs. | | | | | |
| Time Logger on Bottom | | 12:10 Hrs. | | | | | |
| Equipment Number | | T-002 | | | | | |
| Location | | Midland, TX. | | | | | |
| Recorded By | | J. Soules | | | | | |
| Witnessed By | | M. Martinez | | | | | |
| Borehole Record | | | | Tubing Record | | | |
| Run Number | Bit | From | To | Size | Weight | From | To |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Casing Record | | Size | Wgt/Ft | Top | | Bottom | |
| Surface String | | 13 3/8" | 54.5# | Surface | | 1812' | |
| Intermediate String | | 9 5/8" | 40# | Surface | | 6525' | |
| Production String | | 5 1/2" | 20# | Surface | | 23421' | |
| Liner | | | | | | | |
| Short Joints | | 1066'-1089' | 8646'-8670' | 8936'-8958' | | | |

CERTIFICATE OF POOLING AUTHORITY

Revised 05/2001

P-12


| | | |
|--|--|---|
| 1. Field Name(s) SPRABERRY (TREND AREA) | 2. Lease/ID Number (if assigned) 47890 | 3. RRC District Number 08 |
| 4. Operator Name DIAMONDBACK E&P LLC | 5. Operator P-5 Number 217012 | 6. Well Number 4007WA |
| 7. Pooled Unit Name UL BLK 6 DDU A | 8. API Number | 9. Purpose of Filing <input checked="" type="checkbox"/> Drilling Permit (W-1) <input type="checkbox"/> Completion Report |
| 10. County ANDREWS | 11. Total acres in pooled unit 2800 | |

DESCRIPTION OF INDIVIDUAL TRACTS CONTAINED WITHIN THE POOLED UNIT

| TRACT/PLAT IDENTIFIER | TRACT NAME | ACRES IN TRACT (See inst. #7 below) | INDICATE UNDIVIDED INTERESTS | |
|--------------------------|---------------|--|------------------------------|--------------------------|
| | | | UNLEASED | NON-POOLED |
| 1 | Tract 1 | 320 | <input type="checkbox"/> | <input type="checkbox"/> |
| 2 | Tract 2 | 320 | <input type="checkbox"/> | <input type="checkbox"/> |
| 3 | Tract 3 | 160 | <input type="checkbox"/> | <input type="checkbox"/> |
| 4 | Tract 4 | 80 | <input type="checkbox"/> | <input type="checkbox"/> |
| 5 | Tract 5 | 160 | <input type="checkbox"/> | <input type="checkbox"/> |
| 6 | Tract 6 | 80 | <input type="checkbox"/> | <input type="checkbox"/> |
| 7 | Tract 7 | 80 | <input type="checkbox"/> | <input type="checkbox"/> |
| 8 | Tract 8 | 240 | <input type="checkbox"/> | <input type="checkbox"/> |
| 9 | Tract 9 | 240 | <input type="checkbox"/> | <input type="checkbox"/> |
| 10 | Tract 10 | 160 | <input type="checkbox"/> | <input type="checkbox"/> |

CERTIFICATION:

I declare under penalties prescribed pursuant to the Sec. 91.143, Texas Natural Resources Code, that I am authorized to make the foregoing statements and that the information provided by me or under my direction on this Certificate of Pooling Authority is true, correct, and complete to the best of my knowledge.



Matt Midkiff

Signature

Print Name

Senior Landman

mmidkiff@diamondbackenergy.com

01/23/2019

(432) 245-6073

Title

E-mail (if available)

Date

Phone

INSTRUCTIONS — Reference: Statewide Rules 31, 38 and 40

- When two or more tracts are pooled to form a unit to obtain a drilling permit, file completion paperwork, or reform a pooled unit pursuant to Rule 38(d)(3) the operator must file an original Certificate of Pooling Authority and certified plat.
- The certified plat shall designate each tract with an outline and a tract identifier. The tract identifier on the plat shall correspond to the tract identifier and associated information listed on the Certificate.
- If within an individual tract, a non-pooled and/or unleased interest exists, indicate by checking the appropriate box.
- If the Purpose of Filing is to obtain a drilling permit, in box #1 list all applicable fields separately or enter "All Fields" if the Certificate pertains to all fields requested on Form W-1.
- If the Purpose of Filing is to file completion paperwork, enter the applicable field name in box #1 for the completion.
- Identify the drill site tract with an * to the left of the tract identifier.
- The total number of acres in the pooled unit in #11 should equal the total of all acres in the individual tracts listed.

CERTIFICATE OF POOLING AUTHORITY

Revised 05/2001

P-12

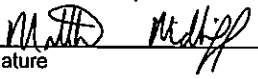
| | | |
|--|--|---|
| 1. Field Name(s) SPRABERRY (TREND AREA) | 2. Lease/ID Number (if assigned) 47890 | 3. RRC District Number 08 |
| 4. Operator Name DIAMONDBACK E&P LLC | 5. Operator P-5 Number 217012 | 6. Well Number 4007WA |
| 7. Pooled Unit Name UL BLK 6 DDU A | 8. API Number | 9. Purpose of Filing <input checked="" type="checkbox"/> Drilling Permit (W-1) <input type="checkbox"/> Completion Report |
| 10. County ANDREWS | 11. Total acres in pooled unit 2800 | |

DESCRIPTION OF INDIVIDUAL TRACTS CONTAINED WITHIN THE POOLED UNIT

| TRACT/PLAT IDENTIFIER | TRACT NAME | ACRES IN TRACT (See inst. #7 below) | INDICATE UNDIVIDED INTERESTS | |
|--------------------------|---------------|--|------------------------------|--------------------------|
| | | | UNLEASED | NON-POOLED |
| 11 | Tract 11 | 80 | <input type="checkbox"/> | <input type="checkbox"/> |
| 12 | Tract 12 | 240 | <input type="checkbox"/> | <input type="checkbox"/> |
| 13 | Tract 13 | 240 | <input type="checkbox"/> | <input type="checkbox"/> |
| 14 | Tract 14 | 80 | <input type="checkbox"/> | <input type="checkbox"/> |
| 15 | Tract 15 | 80 | <input type="checkbox"/> | <input type="checkbox"/> |
| 16 | Tract 16 | 80 | <input type="checkbox"/> | <input type="checkbox"/> |
| 17 | Tract 17 | 80 | <input type="checkbox"/> | <input type="checkbox"/> |
| 18 | Tract 18 | 80 | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> |

CERTIFICATION:

I declare under penalties prescribed pursuant to the Sec. 91.143, Texas Natural Resources Code, that I am authorized to make the foregoing statements and that the information provided by me or under my direction on this Certificate of Pooling Authority is true, correct, and complete to the best of my knowledge.

| | |
|---|-----------------------|
|  | Matt Midkiff |
| Signature | Print Name |
| Senior Landman | 01/23/2019 |
| mmdkiff@diamondbackenergy.com | (432) 245-6073 |
| Title | Date |
| E-mail (if available) | Phone |

INSTRUCTIONS — Reference: Statewide Rules 31, 38 and 40

- When two or more tracts are pooled to form a unit to obtain a drilling permit, file completion paperwork, or reform a pooled unit pursuant to Rule 38(d)(3) the operator must file an original Certificate of Pooling Authority and certified plat.
- The certified plat shall designate each tract with an outline and a tract identifier. The tract identifier on the plat shall correspond to the tract identifier and associated information listed on the Certificate.
- If within an individual tract, a non-pooled and/or unleased interest exists, indicate by checking the appropriate box.
- If the Purpose of Filing is to obtain a drilling permit, in box #1 list all applicable fields separately or enter "All Fields" if the Certificate pertains to all fields requested on Form W-1.
- If the Purpose of Filing is to file completion paperwork, enter the applicable field name in box #1 for the completion.
- Identify the drill site tract with an * to the left of the tract identifier.
- The total number of acres in the pooled unit in #11 should equal the total of all acres in the individual tracts listed.



RAILROAD COMMISSION OF TEXAS

Form P-16

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

Page 1
Rev. 02/2019

Acreage Designation

Filer is the owner or lessee, or has been authorized by the owner or lessee, of all or an undivided portion of the mineral estate under each tract for which filer is listed as operator below. For all leases operated by other entities, the number of assigned acres shown are reflected on current Commission records or the filer has been authorized by the current operator to change the assigned acreage of that operator as shown below.

SECTION I. OPERATOR INFORMATION

| | | | |
|-------------------|--|-------------------|--------|
| Operator Name: | DIAMONDBACK E&P LLC | Operator P-5 No.: | 217012 |
| Operator Address: | 500 W TEXAS STE 1200 MIDLAND, TX 79701 | | |

SECTION II. WELL INFORMATION

| | | | | |
|--|-----------------|----------------------|------------------------|---|
| District No.: | 08 | API No.: | 003-47995 | Purpose of Filing: <input type="checkbox"/> Drilling Permit Application (Form W-1) <input checked="" type="checkbox"/> Completion Report (Form G-1/W-2) |
| Well No.: | 4007WA | Drilling Permit No.: | 849185 | |
| Lease Name: | UL BLK 6 DDU A | RRC ID or Lease No.: | 47890 | |
| Total Lease Acres: | 2800.00 | Field Name: | SPRABERRY (TREND AREA) | |
| Proration Acres: | 220.00 | Field No.: | 85280300 | |
| Wellbore Profile | Horizontal Well | Is this a UFT field? | Yes | |
| SL Record (Parent) Well Drilling Permit No.: | | County: | ANDREWS | |

SECTION III. LISTING OF ALL WELLS IN THE APPLIED-FOR FIELD ON THE SAME ACREAGE AS THE LEASE, POOLED UNIT, OR UNITIZED TRACT DESIGNATED IN SECTION II ABOVE BY FILER

| RRC ID No. or Lease No. | Well No. | Profile | Lease Name | API No. | Acres Assigned | SWR 38 Except. (Y/N) | Operator Name and Operator No. (if different from filing operator) |
|-------------------------|----------|---------|----------------|-----------|----------------|----------------------|--|
| 47890 | 3107 | Horiz. | UL BLK 6 DDU A | 003-47602 | 160.00 | N | |
| 47890 | 3105MS | Horiz. | UL BLK 6 DDU A | 003-47956 | 220.00 | N | |
| 47890 | 3106MS | Horiz. | UL BLK 6 DDU A | 003-47955 | 220.00 | N | |
| 47890 | 2608LS | Horiz. | UL BLK 6 DDU A | 003-47326 | 220.00 | N | |
| 47890 | 2701LS | Horiz. | UL BLK 6 DDU A | 003-47331 | 220.00 | N | |
| 47890 | 4005LS | Horiz. | UL BLK 6 DDU A | 003-47314 | 220.00 | N | |
| 47890 | 4007LS | Horiz. | UL BLK 6 DDU A | 003-47694 | 220.00 | N | |
| 47890 | 4008LS | Horiz. | UL BLK 6 DDU A | 003-47696 | 220.00 | N | |
| 47890 | 4009LS | Horiz. | UL BLK 6 DDU A | 003-47697 | 220.00 | N | |
| 47890 | 4008WA | Horiz. | UL BLK 6 DDU A | 003-47695 | 220.00 | N | |
| 849180 | 4006WA | Horiz. | UL BLK 6 DDU A | 003-47993 | 220.00 | N | |
| 849185 | 4007WA | Horiz. | UL BLK 6 DDU A | 003-47995 | 220.00 | N | |
| 849187 | 4009WA | Horiz. | UL BLK 6 DDU A | 003-47996 | 220.00 | N | |
| | | | | | | | |
| | | | | | | | |

A. Total Assigned Horiz. Acreage = 2800.00

Total Remaining Horiz. Acreage = 0.00

B. Total Assigned Vert./Dir. Acreage = 0.00

Total Remaining Vert./Dir. Acreage = 2800.00

C. Total Assigned Acreage = 2800.00

Total Remaining Acreage = 2800.00

SECTION IV. REMARKS - REQUIRED FOR PSA AND CO-DEVELOPMENT (refer to instructions)

API No. 003-47602 WRO TRACKING NO. 217328

Attach Additional Pages As Needed.

☒ No additional pages☐ Additional Pages: _____ (No. of additional pages)

CERTIFICATION: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that this report was prepared by me or under my supervision or direction, that I am authorized to make this report, and that the information contained in this report is true, correct, and complete to the best of my knowledge.

Vick Edwards
Signature

VICKI EDWARDS SR. REGULATORY ANALYST
Name and title (type or print)

VEDWARDS@DIAMONDBACKENERGY.COM

Email
(Include email address only if you affirmatively consent to its public release)

500 W TEXAS STE 1200 MIDLAND TX 79701
Address City, State, Zip Code

432-221-7418
Tel: Area Code Number

07/23/19
Date: mo. day yr.



GROUNDWATER PROTECTION DETERMINATION

Form GW-2

Groundwater Advisory Unit

Date Issued: 04 January 2016**GAU Number:** 148173**Attention:** AJAX RESOURCES, LLC
3355 WEST ALABAMA SUITE
HOUSTON, TX 77098**Operator No.:** 000597**API Number:**
County: ANDREWS
Lease Name: UNIVERSITY 6-40 UNIT
Lease Number:
Well Number: 105LS
Total Vertical Depth: 10000
Latitude: 32.458091
Longitude: -102.217266
Datum: NAD27**Purpose:** New Drill**Location:** Survey-UL; Abstract-U181; Block-6; Section-40

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

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

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

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

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

Groundwater Advisory Unit, Oil and Gas Division

