RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Approved
Date: 03/30/2020
Tracking No.: 226828

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT,

OPERATOR INFORMATION

Operator FELIX ENERGY HOLDINGS II, LLC **Operator** 265322
Operator 3500 ONE WILLIAMS CENTER MD-35 TULSA, OK 74172-0000

WELL INFORMATION

API 42-475-37683 **County:** WARD
Well No.: 6H **RRC District** 08
Lease UL LEAD KING 344035-16 F **Field** PHANTOM (WOLFCAMP)
RRC Lease 52338 **Field No.:** 71052900
Location Section: 34, Block: , Survey: FREEMAN, L / DITMAR, MRS C I, Abstract: 1163

Latitude **Longitud**
This well is 2.8 **miles in a** SW **direction from** PYOTE, **which is the nearest town in the**

FILING INFORMATION

Purpose of Initial Potential
Type of New Well
Well Type: Producing **Completion or Recompletion** 06/25/2019

Type of Permit	Date	Permit No.
Permit to Drill, Plug Back, or	09/26/2018	845069
Rule 37 Exception		
Fluid Injection		
O&G Waste Disposal		
Other:		

COMPLETION INFORMATION

Spud 11/01/2018 **Date of first production after rig** 06/25/2019
Date plug back, deepening, drilling operation 11/01/2018 **Date plug back, deepening, recompletion, drilling operation** 03/12/2019
Number of producing wells on this lease this field (reservoir) including this 7 **Distance to nearest well in lease & reservoir** 205.0
Total number of acres in 1067.56 **Elevation** 2605 GR
Total depth TVD 11398 **Total depth MD** 24660
Plug back depth TVD **Plug back depth MD**
Was directional survey made other inclination (Form W- Yes **Rotation time within surface casing** 67.0
Is Cementing Affidavit (Form W-15) No
Recompletion or No **Multiple** No
Type(s) of electric or other log(s) Gamma Ray (MWD)
Electric Log Other Description:

Location of well, relative to nearest lease of lease on which this well is 558.0 **Feet from the** West **Line and** 2789.0 **Feet from the** North **Line of the** UL LEAD KING 344035-16 F **Lease.** **Off Lease :** No

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

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

PACKET: N/A

W2: N/A

FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:

GAU Groundwater Protection Determination		**Depth**	1050.0	**Date**	06/10/2016
SWR 13 Exception		**Depth**	900.0		

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION

Date of	09/29/2019	**Production**	Flowing
Number of hours	24	**Choke**	35
Was swab used during this	No	**Oil produced prior to**	25932.00

PRODUCTION DURING TEST PERIOD:

Oil	352.00	**Gas**	472
Gas - Oil	1340	**Flowing Tubing**	0.00
Water	3481		

CALCULATED 24-HOUR RATE

Oil	352.0	**Gas**	472
Oil Gravity - API - 60.:	46.0	**Casing**	757.00
Water	3481		

CASING RECORD

Ro	Type of Casing	Casing Size (in.)	Hole Size	Setting Depth	Multi - Stage Tool	Multi - Stage Shoe	Cement Class	Cement Amoun	Slurry Volume (cu.	Top of Cement (ft.)	TOC Determined By
1	Surface	13 3/8	17 1/2	924			C	2405	3802.0	SURFACE	Circulated to Surface
2	Intermediate	10 3/4	12 1/4	5057			ECONOCEM	1190	2711.2	0	Circulated to Surface
3	Intermediate	7 5/8	9 7/8	11190			PREMIUM PLUS	765	1534.6	5203	Calculation
4	Intermediate	7 5/8	9 7/8	11190	5203		PREMIUM PLUS	515	1169.0	0	Circulated to Surface
5	Conventional Production	5 1/2	6 3/4	24655			H	1625	1992.2	5000	Calculation

LINER RECORD

Ro	Liner Size	Hole Size	Liner Top	Liner Bottom	Cement Class	Cement Amoun	Slurry Volume (cu.	Top of Cement (ft.)	TOC Determined

N/A

TUBING RECORD

Ro	Size (in.)	Depth Size (ft.)	Packer Depth (ft.)/Type
1	2 7/8	10833	/

PRODUCING/INJECTION/DISPOSAL INTERVAL

Ro	Open hole?	From (ft.)	To (ft.)
1	No	L1 11780	24516.0

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

Was hydraulic fracturing treatment Yes

Is well equipped with a downhole sleeve? No

If yes, actuation pressure

Production casing test pressure (PSIG) hydraulic fracturing 12648

Actual maximum pressure (PSIG) during fracturin 12046

Has the hydraulic fracturing fluid disclosure been Yes

Ro	Type of Operation	Amount and Kind of Material Used	Depth Interval (ft.)	
1	Fracture	740,928 BBLS SLK WTR; 37,939,180 LBS PROPPANT	11780	24516

FORMATION RECORD

Formations	Encountere	Depth TVD	Depth MD	Is formation	Remarks
RUSTLER	Yes	1728.0	1729.0	Yes	
YATES	No			No	NOT PRESENT
SEVEN RIVERS	No			No	NOT PRESENT
QUEEN	No			No	NOT PRESENT
GLORIETA	No			No	NOT PRESENT
SAN ANDRES - HIGH FLOWS, H2S, CORROSIVE	No			No	NOT PRESENT
HOLT	No			No	NOT PRESENT
CLEARFORK	No			No	NOT PRESENT
DELAWARE	Yes	5035.0	5045.0	Yes	
TUBB	No			No	NOT PRESENT
WICHITA ALBANY	No			No	NOT PRESENT
CHERRY CANYON	Yes	5900.0	5912.0	Yes	
WADDELL	No			No	NOT PRESENT
BONE SPRINGS	Yes	8327.0	8341.0	Yes	
WOLFCAMP	Yes	11155.0	11188.0	Yes	
MONTOYA	No			No	NOT PENETRATED
PENNSYLVANIAN	No			No	NOT PENETRATED
ATOKA	No			No	NOT PENETRATED
FUSSELMAN	No			No	NOT PENETRATED
DEVONIAN	No			No	NOT PENETRATED
ELLENBURGER	No			No	NOT PENETRATED

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

RRC REMARKS

PUBLIC COMMENTS:

[RRC Staff 2020-03-16 11:49:28.62] EDL=12700 feet, max acres=704, PHANTOM (WOLFCAMP) oil or gas well;

take points: 11780-24516 feet

CASING RECORD :

KOP @ 11,248'
SURFACE CMT TOPPED OFF WITH ADDITIONAL 800 SXS CIRC TO SURFACE. 2ND INTERMEDIATE IS SET IN TAPERED HOLE 9 7/8 TO 8916', 8 3/4 TO 11,205.

TUBING RECORD:

PRODUCING/INJECTION/DISPOSAL INTERVAL :

PLEASE SEE TRK NO 218480 FOR ALL REQUIRED ATTACHMENTS

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

POTENTIAL TEST DATA:

OPERATOR'S CERTIFICATION

Printed	Heather Dahlgren	**Title:**	Eng Tech
Telephone	(720) 974-2069	**Date**	12/09/2019

RAILROAD COMMISSION OF TEXAS

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

CEMENTING REPORT

Form W-15
Rev. 08/2014

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

OPERATOR INFORMATION

Operator Name:	FELIX ENERGY HOLDINGS	Operator P-5 No.:	265322
Cementer Name:	TRANS TEX CEMENTING SERVICES, LLC	Cementer P-5 No.:	864412

WELL INFORMATION

District No.:	08	County:	WARD		
Well No.:	6H	API No.:	42-475-37683	Drilling Permit No.:	845069
Lease Name:	UL LEAD KING 344035-16 F	Lease No.:			
Field Name:	Phantom (Wolfcamp)	Field No.:	71052900		

I. CASING CEMENTING DATA

Type of Casing: ☐ Conductor ☑ Surface ☐ Intermediate ☐ Liner ☐ Production

Drilled hole size (in.): 17 1/2	Depth of drilled hole (ft.): 924 ~~218~~	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 J55	No. of centralizers used: 7	
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.): 924	Top of liner (ft.):	
		Setting depth liner (ft.):	
Hrs. waiting on cement before drill-out: WOC	Calculated top of cement (ft.): 0	Cementing date: 11/3/2018	

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	800	CLASS C	REMARK 1	1064	1536
2					
3					
Total	800			1064	1536

II. CASING CEMENTING DATA

Type of casing: ☐ Surface ☐ Intermediate ☐ Production ☐ Tapered production ☐ Multi-stage cement sh ☐ 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.) Upper: Lower:	Tapered string depth of drilled hole (ft.) Upper: Lower:	
Tapered string size of casing in O.D. (in.) Upper: Lower:	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? 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 t ☐ 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.) Upper: Lower:	Tapered string depth of drilled hole (ft.) Upper: Lower:	
Tapered string size of casing in O.D. (in.) Upper: Lower:	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? 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					

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

CLASS C NEAT
cement back to surface 3bbls-12sks

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.

CARLOS LAMADRID
Name and title of cementer's representative

TRANS TEX CEMENTING
Cementing Company

Signature

5019 BASIN ST
Address

MIDLAND, TX 79703
City, State, Zip Code

432-694-4900
Tel: Area Code Number

11/3/2018
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.

Fred Hartmann
Typed or printed name of operator's representative

Drilling Tech
Title

Signature

1536 16th St #500 Denver, co 80202
Address City, State, Zip Code

720-974-2054
Tel: Area Code Number

11/3/18
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). 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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P.O. Box 12967
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CEMENTING REPORT

Form W-15
Rev. 08/2014

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

OPERATOR INFORMATION

Operator Name: FELIX ENERGY HOLDINGS II LLC-EBUS	**Operator P-5 No.:** 265322
Cementer Name: HALLIBURTON ENERGY SERVICES	**Cementer P-5 No.:** 347151

WELL INFORMATION

District No.: 08	**County:** WARD	
Well No.: 6H	**API No.:** 42-475-37683	**Drilling Permit No.:** 845069
Lease Name: UL LEAD KING 344035-16 F	**Lease No.:**	
Field Name: Phantom (Wolfcamp)	**Field No.:** 71052900	

I. CASING CEMENTING DATA

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

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:**
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.):**	**Top of liner (ft.):** / **Setting depth liner (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

II. CASING CEMENTING DATA

Type of casing: ☐ Surface ☐ Intermediate ☐ Production ☐ Tapered production ☑ Multi-stage cement shoe ☐ Multiple parallel strings

Drilled hole size (in.): 12.25	**Depth of drilled hole (ft.):** 5061	**Est. % wash-out or hole enlargement:** 20
Size of casing in O.D. (in.): 10.75	**Casing weight (lbs/ft) and grade:** 45.5 J55	**No. of centralizers used:** 17
Tapered string drilled hole size (in.) Upper: Lower:	**Tapered string depth of drilled hole (ft.)** Upper: Lower:	
Tapered string size of casing in O.D. (in.) Upper: Lower:	**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? ☑ YES ☐ NO		**Setting depth shoe (ft.):** 5057
Hrs. waiting on cement before drill-out: 28	**Calculated top of cement (ft.):** 0	**Cementing date:** 12/23/2018

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	960	ECONOCEM	REMARKS	2400.96	12776.12
2	230	PREMIUM PLUS	REMARKS	310.27	1641.79
3					
Total	1190			2711.23	14417.91

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.) Upper: Lower:	**Tapered string depth of drilled hole (ft.)** Upper: Lower:	
Tapered string size of casing in O.D. (in.) Upper: Lower:	**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? ☐ 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	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

1ST SLURRY: ECONOCEM WITH 3 LBM KOL-SEAL, 0.125 LBM POLY-E-FLAKE, 0.55% HR-800
2ND SLURRY: PREMIUM PLUS WITH 0.2% HR-800, 3 LBM KOL-SEAL, 0.125 LBM POLY-E-FLAKE
CIRCULATED 404 SACKS TO SURFACE ON 1ST STAGE
SO# 0905361312

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ALEXANDER RAMOS SSIII	Halliburton		
Name and title of cementer's representative	Cementing Company	Signature	
1301 W. Webb St.	Brownfield, Tx, 79316	575-392-0700	12/23/2018
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.

Fred Hartmann	Drilling Tech	
Typed or printed name of operator's representative	Title	Signature

1536 16th St #500 Denver, CO 80202	720-974-2054	12/23/18
Address City, State, Zip Code	Tel: Area Code Number	Date: mo. day yr.

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

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

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

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

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CEMENTING REPORT

Form W-15
Rev. 08/2014

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Operator: Fill in other items.

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Operator Name: FELIX ENERGY HOLDINGS II	Operator P-5 No.: 265322
Cementer Name: HALLIBURTON ENERGY	Cementer P-5 No.: 347151

WELL INFORMATION

District No.: 08	County: WARD
Well No.: 6H	API No.: 42-475-37683 Drilling Permit No.: 845069
Lease Name: UL LEAD KING 344035-16F	Lease No.:
Field Name: Phantom (Wolfcamp)	Field No.: 71052900

I. CASING CEMENTING DATA

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

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:
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.):	Top of liner (ft.): / Setting depth liner (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

II. CASING CEMENTING DATA

Type of casing: ☐ Surface ☑ Intermediate ☐ Production ☐ Tapered production ☑ Multi-stage cement shoe ☐ Multiple parallel strings

Drilled hole size (in.): 9 7/8" / 8 3/4"	Depth of drilled hole (ft.): 11,205	Est. % wash-out or hole enlargement: 20
Size of casing in O.D. (in.): 7 5/8"	Casing weight (lbs/ft) and grade: 29.7 HCL80	No. of centralizers used: 31
Tapered string drilled hole size (in.) Upper: 9 7/8" Lower: 8 3/4"	Tapered string depth of drilled hole (ft.) Upper: 8916' Lower: 11,205"	
Tapered string size of casing in O.D. (in.) Upper: 7 5/8" Lower: 7 5/8"	Tapered string casing weight(lbs/ft) and grade Upper: 29.7 HCE-80 Lower: 29.7 HP-SC	Tapered string no. of centralizers used Upper: 31 Lower: 0
Was cement circulated to ground surface (or bottom of cellar) outside casing? ☐ YES ☑ NO		Setting depth shoe (ft.): 11190
Hrs. waiting on cement before drill-out: NA	Calculated top of cement (ft.): 5203	Cementing date: 1-1-19

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	690 SKS	PREMIUM PLUS	N/A	1444.86	7506.39
2	75 SKS	PREMIUM	N/A	89.7	693.29
3					
Total	765			1534.56	8199.68

III. CASING CEMENTING DATA

Type of casing: ☐ Surface ☑ Intermediate ☐ Production ☐ Tapered production ☑ Multi-stage cement/DV tool ☐ Multiple parallel strings

Drilled hole size (in.): 9 7/8"	Depth of drilled hole (ft.): DV Tool / 5,200	Est. % wash-out or hole enlargement: 20
Size of casing in O.D. (in.): 7 5/8"	Casing weight (lbs/ft) and grade: 29.7 H-80	No. of centralizers used: 31
Tapered string drilled hole size (in.) Upper: 9.875 Lower: 8.75	Tapered string depth of drilled hole (ft.) Upper: 8916 Lower: 11205	
Tapered string size of casing in O.D. (in.) Upper: 7.625 Lower: 7.625	Tapered string casing weight(lbs/ft) and grade Upper: Lower:	Tapered string no. of centralizers used Upper: 31 Lower: 0
Was cement circulated to ground surface (or bottom of cellar) outside casing? ☑ YES ☐ NO		Setting depth tool (ft.): 5203
Hrs. waiting on cement before drill-out: NA	Calculated top of cement (ft.): Surface	Cementing date: 1/1/2019

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	425	PREMIUM PLUS	N/A	1048.9	4705.28
2	90	PREMIUM PLUS	N/A	120.06	544.23
3					
Total	515			1168.96	5249.51

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

DV Tool Set @ 5,203'.
Circulated out and got back 80 bbls. Cement on first circulation after opening DV tool.

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.

JOSHUA BUCHANAN	Halliburton	Joshua Buchanan	
Name and title of cementer's representative	Cementing Company	Signature	
2311 S. First St.	Artesia, NM, 88210	575-392-0700	01 02 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.

Laremy P. Hts	DSM					
Typed or printed name of operator's representative	Title	Signature				
1530 16th St, Suite 500	Denver	CO	80202	601-381-3087	1-2-19	
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 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). 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

CEMENTING REPORT

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

OPERATOR INFORMATION

Operator Name: FELIX ENERGY	Operator P-5 No.: 265311
Cementer Name: JOSHUA SELDENRIGHT	Cementer P-5 No.: 347151

WELL INFORMATION

District No.: 08	County: WARD	
Well No.: 6H	API No.: 42-475-37683	Drilling Permit No.: 845069
Lease Name: UL LEAD KING 344035-16 F	Lease No.:	
Field Name: Phantom (Wolfcamp)	Field No.: 71052900	

I. CASING CEMENTING DATA

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

Drilled hole size (in.): 6.75	Depth of drilled hole (ft.): 24660	Est. % wash-out or hole enlargement: 20
Size of casing in O.D. (in.): 5.5	Casing weight (lbs/ft) and grade: 23# P110	No. of centralizers used: 0
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.): 24655	Top of liner (ft.):
		Setting depth liner (ft.):
Hrs. waiting on cement before drill-out: NA	Calculated top of cement (ft.): 5000	Cementing date: 3/11/2019

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	1625	H	SEE REMARKS	1992.25	22731.6
2					
3					
Total	1625			1992.25	22731.6

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.) Upper: Lower:	Tapered string depth of drilled hole (ft.) Upper: Lower:	
Tapered string size of casing in O.D. (in.) Upper: Lower:	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? ☐ 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.) Upper: Lower:	Tapered string depth of drilled hole (ft.) Upper: Lower:	
Tapered string size of casing in O.D. (in.) Upper: Lower:	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? ☐ 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	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

SLURRY 1 ADDITIVES- .4% HALAD(R)-344/ .25LBM D-AIR 5000/ .35%HR-601

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.

JOSHUA SELDENRIGHT- SS1	Halliburton			
Name and title of cementer's representative	Cementing Company	Signature		
6155 W. Murphy St.	Odessa, TX, 79763	432-571-8600		3/11/2019
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.

Emily N. Craig	DSM			
Typed or printed name of operator's representative	Title	Signature		
1530 16th Street Suite 500	Denver CO 80202	432-848-5212		03/11/19
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.

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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). 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

OIL AND GAS DIVISION

OPERATOR Name: FELIX ENERGY HOLDINGS II, LLC
Address1: FELIX ENERGY
Address2: 1530 16TH ST SUITE 500
City: DENVER
State: CO

RE: Lease: UL LEAD KING 344035-16 F
Well No: 6H
Sec: 34 **Block:**
County: WARD
Survey Name: FREEMAN, L / DITMAR, MRS C I

SWR13EX Application Number: 40801
Drilling Permit No: 845069

SWR 13 CASING EXCEPTION APPLICATION/ALTERNATIVE REQUEST APPROVED

The Proposed Casing and Cementing Program submitted for the **LEASE NAME:** UL LEAD KING 344035-16 F ; **WELL NUMBER:** 6H has been approved by the Railroad Commission of Texas District Office.

a. A copy of this approved letter must be kept on location during all phases of drilling and/or plugging operations. Once approved, changes CANNOT be made to the Proposed Casing Program on the original application without additional approval from the Railroad Commission of Texas District Office.

b. Any substantive modifications to the cement program require prior approval from the Railroad Commission of Texas District Office, and may require re-submission of the SWR 13 (Statewide Rule 13) Alternate Surface Casing Application. Contact the Railroad Commission of Texas District Office for more information.

c. The tail slurry must be sufficient to fill the Zone of Critical Cement as described in Statewide Rule 13(b)(1)(H)(i). In addition, all cement slurries must be mixed on location as described in Application for Alternate Surface Casing Program.

d. The casing and cement program shall adhere to the following specifications:

Set 900 feet of surface casing and set 5050 feet of intermediate casing. A multistage tool must be set at a depth of not less than 2000 feet in the intermediate casing. Circulate cement from the multistage tool to the ground surface. If cement does not circulate to surface during the first stage, the multistage tool MUST be opened and cement be circulated from the tool to the surface.

Please notify the Midland District Office immediately if any gas, H2S or otherwise, is encountered before surface casing is set. Operator must not drill into or set casing in the Delaware formation.

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

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

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

This exception is based on information provided when the application was submitted on 10/15/2018 .
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: Kolby Durham DATE: 10/17/2018

JEFFREY MORGAN

DISTRICT DIRECTOR

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

ELECTRIC LOG STATUS REPORT

FORM L-1

Tracking No.: 218480

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: FELIX ENERGY HOLDINGS II, LLC	District No. 08	Completion Date: 06/25/2019
Field Name PHANTOM (WOLFCAMP)	Drilling Permit No. 845069	
Lease Name UL LEAD KING 344035-16 F	Lease/ID No. 52338	Well No. 6H
County WARD	API No. **42-** 475-37683	

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). _____

Heather Dahlgren Signature	Felix Admin Services Title
FELIX ENERGY HOLDINGS II, LLC Name (print)	(720) 974-2069 Phone 07/26/2019 Date

-FOR RAILROAD COMMISSION USE ONLY-

TelePacer & SlimPulse Gamma Ray

1in/100ft Measured Depth
Recorded Mode, Composite Log

Schlumberger

Company:	Felix Energy Holdings II, LLC
Well:	UL Lead King 344035-16 F 6 H
Field:	PHANTOM (WOLFCAMP)
County:	Ward
State:	Texas
Country:	United States of America

Latitude:	31° 30' 44.483" N	UWID:	42-475-37683
Longitude:	103° 9' 54.595" W	Rig Name:	Cactus 137
		Rig Type:	Land - Top drive

FL:	NAD 27 Texas State Plane, Central Zone, US Feet
FL1:	Northing: 682491.68ft US
FL2:	Easting: 1117617.66ft US

Log Measured From: - Drill Floor: 2630.00 ft

Ground Level: 2605.00 ft

Permanent Datum: - Mean Sea Level

Acquisition Dates:	15-Feb-2019 -- 08-Mar-2019	Other Services:
Log Interval:	383.67(ft) -- 24661.42(ft)	Directional Drilling
Index Types:	Measured Depth	Direction and Inclination (Surveys)
Index Scales:	1:1200 1" / 100'	Rotary Steerable
Depth Source:	Driller's Depth	
Depth Sensor:	3rd Party Depth	
Print Type:	Final	
Spud Date:	17-DEC-2018	

Disclaimer

Contents

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division
PO Box 12967
Austin TX 78711-2967
www.rrc.texas.gov

CERTIFICATE OF COMPLIANCE AND TRANSPORTATION AUTHORITY

P-4

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

Tracking No.: 218480

1. Field name exactly as shown on proration schedule	2. Lease name as shown on proration schedule			
PHANTOM (WOLFCAMP)	UL LEAD KING 344035-16 F			
3. Current operator name exactly as shown on P-5 Organization Report	4. Operator P-5 no.	5. Oil Lse/Gas ID no	6. County	7. RRC district
FELIX ENERGY HOLDINGS II, LLC	265322	52338	WARD	08
8. Operator address including city, state, and zip code	9. Well no(s) *(see instruction E)*			
FELIX ENERGY 1530 16TH ST SUITE 500 DENVER, CO 80202	6H			
	10. Classification			11. Effective Date
	☒ Oil ☐ Gas ☐ Other *(see instruction A)*			06/25/2019

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 _____
☐ lease name from _____

OR

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, or 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
X	X	TARGA DELAWARE LLC(836022)	0001	100.0	

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
FELIX MIDSTREAM, LLC(265324)	98.0
ROCKY MOUNTAIN CRUDE OIL LLC(723523)	1.0
CONCORD CRUDE OIL MARKETING LLC(170262)	1.0

RRC USE ONLY: Reviewer's initials: RRC Staff Approval date: 10/25/2019

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

Signature

Name (print)

☐ **Authorized Employee of previous operator**

☐ **Authorized agent of previous operator** *(see instruction G)*

Title

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.

FELIX ENERGY HOLDINGS II, LLC
Name (print)

Heather Dahlgren
Signature

Felix Admin Services
Title

☒ **Authorized Employee of current operator**

☐ **Authorized agent of current operator** *(see instruction G)*

heatherd@felix-energy.com
E-mail Address (optional)

07/26/2019
Date

(720) 974-2069
Phone with area code

RAILROAD COMMISSION OF TEXAS

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

Form P-16

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:	Felix Energy Holdings II, LLC	Operator P-5 No.:	265322
Operator Address:	1530 16th Street, Suite 500, Denver, CO 80202		

SECTION II. WELL INFORMATION				
District No.:	08	API No.:	42-475-37683	Purpose of Filing:
Well No.:	6H	Drilling Permit No.:	845069	
Lease Name:	UL Lead King 344035-16 F	RRC ID or Lease No.:	52338	☐ Drilling Permit Application (Form W-1)
Total Lease Acres:	1067.56	Field Name:	Phantom (Wolfcamp)	☑ Completion Report (Form G-1/W-2)
Proration Acres:	199.26	Field No.:	71052900	
Wellbore Profile	Allocation Well	Is this a UFT field?	Yes	
SL Record (Parent) Well Drilling Permit No.:		County:	Ward	

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)

A. Total Assigned Horiz. Acreage	=	C. Total Assigned Acreage	=
Total Remaining Horiz. Acreage	=	Total Remaining Acreage	=
B. Total Assigned Vert./Dir. Acreage	=		
Total Remaining Vert./Dir. Acreage	=		

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

Attach Additional Pages As Needed. ☐ **No additional pages** ☑ **Additional Pages:** 1 **(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.

Signature

Crystal M. Hink - Land Administration Manager
Name and title (type or print)

crystalh@felix-energy.com
Email
(Include email address *only* if you affirmatively consent to its public release)

1530 16th Street, Suite 500	Denver	CO	80202	720-974-2076	03/17/20
Address	City,	State,	Zip Code	Tel: Area Code Number	Date: mo. day yr.

RAILROAD COMMISSION OF TEXAS

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

Acreage Designation

Filer is the owner or lessee of all or an undivided portion of the minerals under each tract listed below and has the legal right to drill on each tract traversed by the well that will have perforations or other take points open in the interval of the applied-for field(s). All tracts listed will actually be traversed by the wellbore or the filer has pooling authority or other contractual authority, such as a production sharing agreement, authorizing inclusion of the non-drill site tract in the acreage assigned to the well.

SECTION V. LISTING OF ALL TRACTS CONTRIBUTING ACREAGE TO AN RRC DESIGNATED DEVELOPMENTAL UNIT THAT IS NOT A SINGLE LEASE, POOLED UNIT, OR GROUP OF TRACTS UNITIZED BY CONTRACT FOR PURPOSES OF SECONDARY RECOVERY

	RRC ID No., Lease No. or Tract ID	Lease Name	Beginning Lease Acres	Allocated Lease Acres	Ending Lease Acres	Operator Name and Operator No. (If different from filing operator)
A	Tract 1	Whitehead Lease	219.69	36.61	183.08	
B	Tract 2	Whitehead Lease	208.00	34.67	173.33	
C	Tract 4	UL Lease No. 112219	319.67	63.94	255.73	
D	Tract 5	UL Lease No. 111441	320.20	64.04	256.16	
E						
F						
G						
H						
		Total Acreage =	1067.56	199.26	868.30	

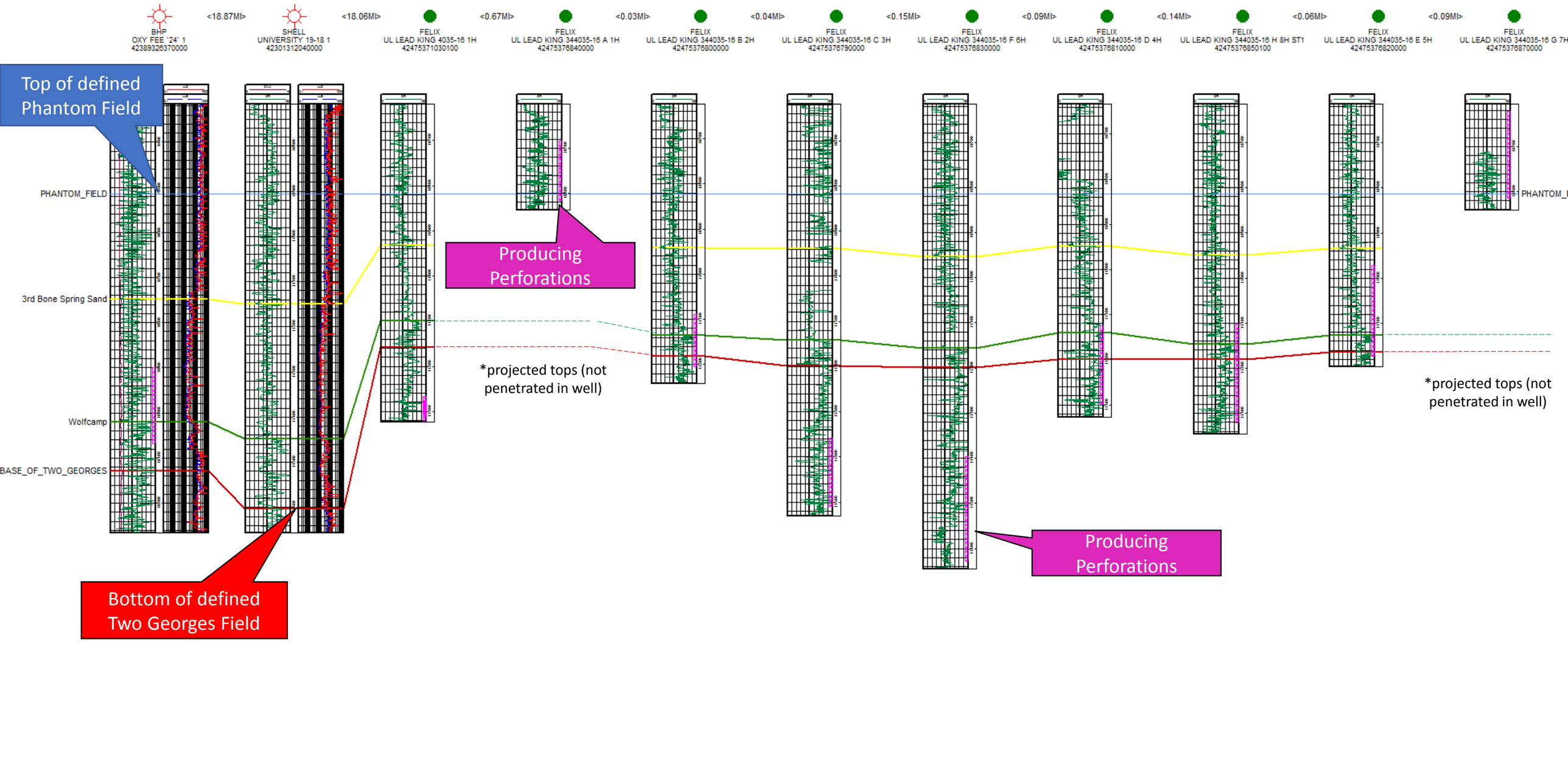
Filer is the owner or lessee, or has been authorized by the owner or lessee, of all or an undivided portion of the mineral estate under each tract for which filer is listed as operator below. For all leases operated by other entities, the number of assigned acres shown are reflected on current Commission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

SECTION VI. LISTING OF ALL WELLS IN THE APPLIED FOR REGULATORY FIELD AS LISTED IN SECTION II, AND ALLOCATING ACREAGE FOM ANY OR ALL TRACTS LISTED IN SECTION V BY FILER

RRC ID No. or Lease No.	Lease Name	API No.	Well No.	Profile	SWR 38 Except. (Y/N)	*Total Acres Assigned	Acres From A Tract 1	Acres From B Tract 2	Acres From C Tract 4	Acres From D Tract 5	Acres From 48892	Acres From	Acres From	Acres From
52436	UL Lead King 344035-16 B	475-37680	2H	Alloc.	N	391.28	36.62	34.66			320.00			
52286	UL Lead King 344035-16 C	475-37679	3H	Alloc.	N	199.25	36.62	34.66	63.93	64.04				
52285	UL Lead King 344035-16 D	475-37681	4H	Alloc.	N	199.26	36.62	34.67	63.93	64.04				
52435	UL Lead King 344035-16 E	475-37682	5H	Alloc.	N	199.25	36.61	34.67	63.93	64.04				
52338	UL Lead King 344035-16 F	475-37683	6H	Alloc.	N	199.26	36.61	34.67	63.94	64.04				
52278	UL Lead King 344035-16 H	475-37685	8H	Alloc.	N	199.26	36.61	34.67	63.94	64.04				
48892	UL Lead King 4035-16	475-37103	1H	Horiz.	N	320.00					320.00			
	A. Total Assigned Acreage =						219.69	208.00	319.67	320.20	640.00	0.00	0.00	0.00
	B. Total Assigned Horiz. Acreage =						219.69	208.00	319.67	320.20	640.00	0.00	0.00	0.00
	C. Total Assigned Vert./Dir. Acreage =						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*A revised P-16 is required if updating the proration acreage on an existing Allocation or PSA well utilizing acreage from a regulatory lease or undeveloped tract not listed in Section V. *(refer to instructions)*

Felix - UL Lead King - Producing Fields



GROUNDWATER PROTECTION DETERMINATION

Form GW-2

Groundwater Advisory Unit

Date Issued:	10 June 2016	**GAU Number:**	156003

Attention:	FELIX ENERGY HOLDINGS II, FELIX ENERGY DENVER, CO 80202	**API Number:**	
		County:	WARD
		Lease Name:	UL Lead King 4035-16
		Lease Number:	
Operator No.:	265322	**Well Number:**	1H
		Total Vertical Depth:	13000
		Latitude:	31.520299
		Longitude:	-103.157856
		Datum:	NAD27

Purpose: New Drill

Location: Survey-UL; Block-16; 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 1050 feet must be protected.

Please send Gamma Ray/Porosity log of this well when it is available.

This recommendation is applicable to all wells within a radius of 500 feet of this location.

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 06/09/2016. 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

FELIX ENERGY HOLDINGS II, LLC

WARD COUNTY, TEXAS

S.H.L. 558' FWL - 2,789' FNL, SECTION 34

GRID NORTH (NAD 83)
TEXAS - CENTRAL ZONE

① PART OF SEC. 34
219.69 ACRES
L.F. FREEMAN
A - 746
"WHITEHEAD LEASE"

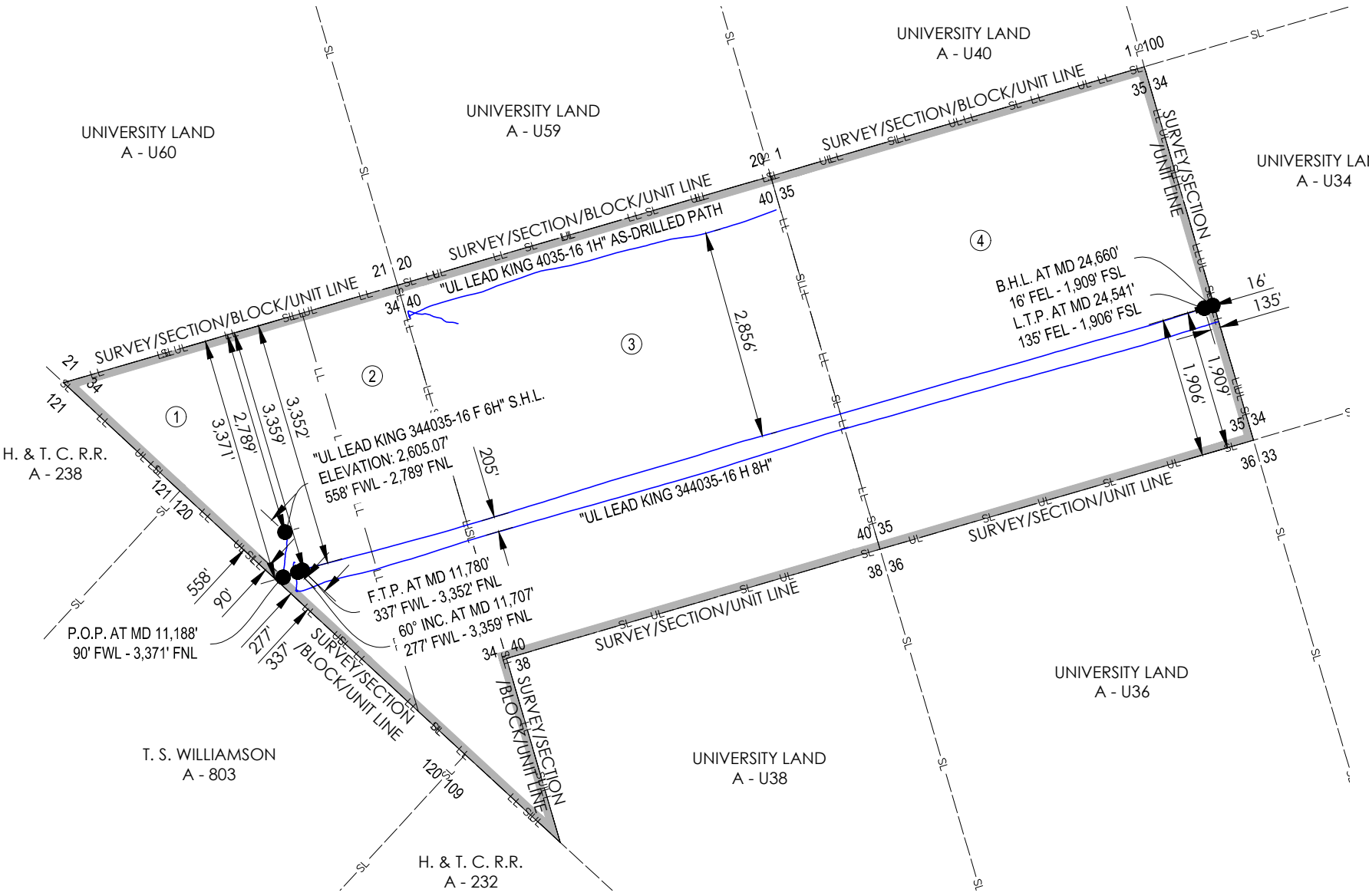
② PART OF SEC. 34
208 ACRES
MRS. C.J. DITMAR
A - 1163
"WHITEHEAD LEASE"

③ SEC. 40
639.67 ACRES
UNIVERSITY LAND
A - U39
"UL LEASE 112219"

④ SEC. 35
640.20 ACRES
UNIVERSITY LAND
A - U35
"UL LEASE 111441"

LEGEND

UL	UNIT LINE
SL	SECTION LINE
LL	LEASE LINE
	PROPOSED WELL PATH
	NEAREST PROPOSED WELL PATH
	100' UNIT OFFSET
S.H.L.	SURFACE HOLE LOCATION
P.O.P.	POINT OF PENETRATION
F.T.P.	FIRST TAKE POINT
T.P.	TURNING POINT
L.T.P.	LAST TAKE POINT
B.H.L.	BOTTOM HOLE LOCATION



GRAPHIC SCALE IN FEET
2000' 1000' 0 2000'

OPERATOR: FELIX ENERGY HOLDINGS II, LLC

WELL NAME: UL LEAD KING 3404035-16 **WELL NO:** F 6H

TOPOGRAPHIC & VEGETATION: FLAT LOCATION WITH LOW LYING BRUSH

GOOD DRILL SITE: YES

REFERENCE STAKES OR ALTERNATE LOCATION
STAKES SET: NONE

BEST ACCESSIBILITY TO LOCATION: FROM SOUTH

DISTANCE & DIRECTION
FROM HWY JCT OR TOWN: ±2.8 MILES SOUTHWEST OF PYOTE, TX
FROM THE INTERSECTION OF PYOTE STREET AND 3RD STREET, HEAD EAST ON 3RD STREET FOR ±0.3 MILES, TURN RIGHT ONTO ROGERS STREET AND HEAD SOUTH FOR ±0.5 MILES, TURN RIGHT ONTO AVENUE EAST AND HEAD WEST FOR ±0.7 MILES, CONTINUE ONTO INTERSTATE 20 SERVICE ROAD AND CONTINUE WEST FOR ±1.8 MILES, TURN LEFT ONTO EXISTING LEASE ROAD AND HEAD SOUTH FOR ±0.6 MILES, TURN RIGHT AND HEAD WEST FOR ±0.4 MILES AND LOCATION IS ON THE RIGHT.

SURFACE HOLE LOCATION:
558' FWL & 2,789' FNL (SEC. 34)
GROUND ELEVATION: 2,605.07'
NAD 27 TEXAS CENTRAL ZONE
NORTHING: 682491.68, EASTING: 1117617.66
LATITUDE: N 31.51235635°, LONGITUDE: W 103.16516520°
NAD 83 TEXAS CENTRAL ZONE
NORTHING: 10525067.01, EASTING: 1414083.68
LATITUDE: N 31.51248993°, LONGITUDE: W 103.16560534°

POINT OF PENETRATION:
90' FWL & 3,371' FNL (SEC. 34)
NAD 27 TEXAS CENTRAL ZONE
NORTHING: 681878.21, EASTING: 1117592.21
LATITUDE: N 31.51066853°, LONGITUDE: W 103.16519676°

FIRST TAKE POINT:
337' FWL & 3,352' FNL (SEC. 34)
NAD 27 TEXAS CENTRAL ZONE
NORTHING: 681973.71, EASTING: 1117852.43
LATITUDE: N 31.51094921°, LONGITUDE: W 103.16436980°

LAST TAKE POINT:
135' FEL & 1,906' FSL (SEC. 35)
NAD 27 TEXAS CENTRAL ZONE
NORTHING: 685532.42, EASTING: 1130097.65
LATITUDE: N 31.52158070°, LONGITUDE: W 103.12537499°

BOTTOM HOLE LOCATION:
16' FEL & 1,909' FSL (SEC. 35)
NAD 27 TEXAS CENTRAL ZONE
NORTHING: 685568.06, EASTING: 1130211.18
LATITUDE: N 31.52168650°, LONGITUDE: W 103.12501363°

UNIT CORNERS

LOCATION	NAD27	
	STATE PLANE TEXAS CENTRAL (32039)	GEOGRAPHIC (4267)
W CORNER SEC.34	N = 684519.41 E = 1114611.45	LAT: 31.51771858° LONG: -103.17497508°
NE CORNER SEC.35 BLK.16	N = 688809.03 E = 1129281.07	LAT: 31.53052976° LONG: -103.12825896°
SE CORNER SEC.35 BLK.16	N = 683740.28 E = 1130761.47	LAT: 31.51670097° LONG: -103.12310105°
SW CORNER SEC.40 BLK.16	N = 680775.95 E = 1120624.22	LAT: 31.50785089° LONG: -103.15538073°
S CORNER SEC.34	N = 678279.10 E = 1121353.40	LAT: 31.50103939° LONG: -103.15283866°

GENERAL NOTES
1. THE LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN HEREON ARE BASED ON REASONABLE VISUAL OBSERVATION. LOCATIONS OF UNDERGROUND UTILITIES/ STRUCTURES MAY VARY FROM LOCATIONS SHOWN HEREIN. ADDITIONAL BURIED UTILITIES/ STRUCTURES MAY BE ENCOUNTERED. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THIS SURVEY TO LOCATE BURIED UTILITIES/ STRUCTURES. BEFORE EXCAVATIONS ARE BEGUN, THE OFFICES OF THE VARIOUS UTILITIES SERVICING THIS AREA SHOULD BE CONTACTED FOR THEIR UTILITY LOCATION.
2. BASIS OF BEARINGS : TEXAS STATE PLANE GRID, CENTRAL ZONE, NAD83 AS DETERMINED BY GPS OBSERVATION.
3. COMBINED SCALE FACTOR AT S.H.L. - 0.99979682
4. VERTICAL DATUM IS NAVD 88
5. AREAS, DISTANCES, AND COORDINATES ARE "GRID" BASED ON U.S. SURVEY FEET.
6. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY.

STATE OF TEXAS
REGISTERED
SHANNON D. OZMENT
6542
PROFESSIONAL
LAND SURVEYOR

7/16/2019

CONTACT INFORMATION:
Shannon D. Ozment
Crafton Tull (10193715)
1000 Ledgelawn Dr.
Conway, AR 72034

1000 Ledgelawn Dr
Conway, Arkansas 72034
Crafton Tull surveying
501.328.3316 t 501.328.3325 f
www.craftontull.com

REVISION	

"UL LEAD KING 344035-16 F 6H"

SECTION 34 - 427.69 ACRES
SECTION 40, BLOCK 16 - 639.67 ACRES
SECTION 35, BLOCK 16 - 640.20 ACRES
FINAL AS-DRILLED
WARD COUNTY, TEXAS

FELIX

SCALE: 1" = 2000'	CHECKED BY: J.PARKER	APPROVED BY: JWB
PLOT DATE: 07-16-2019	DRAWN BY: L.DOW	SHEET NO.: 1 OF 1

G:\809-1 FELIX ENERGY\8901SV0267 UL LEAD KING 344035-16 1H-8H\UL LEAD KING 344035-16 AS-DRILLED.DWG 7/16/2019 4:05:14 PM LD1165