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|--|------------------------|--|--|---|---|---|--|
| API No. <u>42-495-34108</u> Drilling Permit # <u>838557</u> SWR Exception Case/Docket No. <u>0310687</u> (R37) | | RAILROAD COMMISSION OF TEXAS OIL & GAS DIVISION APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER <i>This facsimile W-1 was generated electronically from data submitted to the RRC.</i> <i>A certification of the automated data is available in the RRC's Austin office.</i> | | | | FORM W-1 07/2004 Permit Status: Approved | |
| 1. RRC Operator No. <u>265322</u> | | 2. Operator's Name (as shown on form P-5, Organization Report) FELIX ENERGY HOLDINGS II, LLC | | 3. Operator Address (include street, city, state, zip): FELIX ENERGY 1530 16TH ST SUITE 500 DENVER, CO 80202-0000 | | | |
| 4. Lease Name UL MAROON 0904-21 | | 5. Well No. 1H | | | | | |
| GENERAL INFORMATION | | | | | | | |
| 6. Purpose of filing (mark ALL appropriate boxes): <input checked="" type="checkbox"/> New Drill <input type="checkbox"/> Recompletion <input type="checkbox"/> Reclass <input type="checkbox"/> Field Transfer <input type="checkbox"/> Re-Enter <input type="checkbox"/> Amended <input type="checkbox"/> Amended as Drilled (BHL) (Also File Form W-1D) | | | | | | | |
| 7. Wellbore Profile (mark ALL appropriate boxes): <input type="checkbox"/> Vertical <input checked="" type="checkbox"/> Horizontal (Also File Form W-1H) <input type="checkbox"/> Directional (Also File Form W-1D) <input type="checkbox"/> Sidetrack | | | | | | | |
| 8. Total Depth 14000 | | 9. Do you have the right to develop the minerals under any right-of-way ? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | 10. Is this well subject to Statewide Rule 36 (hydrogen sulfide area)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| SURFACE LOCATION AND ACREAGE INFORMATION | | | | | | | |
| 11. RRC District No. 08 | | 12. County WINKLER | | 13. Surface Location <input checked="" type="checkbox"/> Land <input type="checkbox"/> Bay/Estuary <input type="checkbox"/> Inland Waterway <input type="checkbox"/> Offshore | | | |
| 14. This well is to be located <u>4.27</u> miles in a <u>W</u> direction from <u>Wink</u> which is the nearest town in the county of the well site. | | | | | | | |
| 15. Section 16 | 16. Block 21 | 17. Survey UL | | 18. Abstract No. A-U56 | 19. Distance to nearest lease line: 1 ft. | 20. Number of contiguous acres in lease, pooled unit, or unitized tract: 641.2 | |
| 21. Lease Perpendiculars: <u>1171</u> ft from the <u>N</u> line and <u>2232</u> ft from the <u>E</u> line. 22. Survey Perpendiculars: <u>1171</u> ft from the <u>N</u> line and <u>2232</u> ft from the <u>E</u> line. | | | | | | | |
| 23. Is this a pooled unit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | 24. Unitization Docket No: | | 25. Are you applying for Substandard Acreage Field? <input type="checkbox"/> Yes (attach Form W-1A) <input checked="" type="checkbox"/> No | | | |
| FIELD INFORMATION List all fields of anticipated completion including Wildcat. List one zone per line. | | | | | | | |
| 26. RRC District No. | 27. Field No. | 28. Field Name (exactly as shown in RRC records) | | 29. Well Type | 30. Completion Depth | 31. Distance to Nearest Well in this Reservoir | |
| 08 | 92100050 | TWO GEORGES (BONE SPRING) | | Oil Well | 14000 | 0.00 | |
| 08 | 71052900 | PHANTOM (WOLFCAMP) | | Oil or Gas Well | 14000 | 0.00 | |
| | | | | | | | |
| | | | | | | | |
| BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment) | | | | | | | |
| Remarks [FILER Apr 6, 2018 2:06 PM]: Felix is the only affected offset operator; [RRC STAFF Apr 13, 2018 10:45 AM]: Checked off that this is a pooled unit per attached P-12. Changed bottom hole survey information to reflect plat and RRC GIS. | | | | Certificate: I certify that information stated in this application is true and complete, to the best of my knowledge. <div style="display: flex; justify-content: space-between;"> <div> <u>Bill Spencer, Consultant</u> Name of filer <u>(512)9181062</u> Phone </div> <div> <u>Apr 06, 2018</u> Date submitted <u>bill@spencerconsulting.org</u> E-mail Address (OPTIONAL) </div> </div> | | | |
| RRC Use Only | | | | Data Validation Time Stamp: Apr 14, 2018 9:03 AM(Current Version) | | | |

| | |
|---|----------|
| Permit Status: | Approved |
| <i>The RRC has not approved this application. Duplication or distribution of information is at the user's own risk.</i> | |

RAILROAD COMMISSION OF TEXAS

OIL & GAS DIVISION

Form W-1H 07/2004
Supplemental Horizontal Well Information

APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER

*This facsimile W-1 was generated electronically from data submitted to the RRC.
 A certification of the automated data is available in the RRC's Austin office.*

| | |
|----------------|--------------|
| Permit # | 838557 |
| Approved Date: | Apr 13, 2018 |

| | | | |
|-------------------------------|---|------------------------------------|-------------------|
| 1. RRC Operator No. 265322 | 2. Operator's Name (exactly as shown on form P-5, Organization Report) FELIX ENERGY HOLDINGS II, LLC | 3. Lease Name UL MAROON 0904-21 | 4. Well No. 1H |
|-------------------------------|---|------------------------------------|-------------------|

Lateral Drainhole Location Information

| | |
|-------------------------------|--|
| 5. Field as shown on Form W-1 | PHANTOM (WOLFCAMP) (Field # 71052900, RRC District 08) |
|-------------------------------|--|

| | | | | |
|-----------------|----------------|-----------------|-------------|------------------------------|
| 6. Section 4 | 7. Block 21 | 8. Survey UL | 9. Abstract | 10. County of BHL WINKLER |
|-----------------|----------------|-----------------|-------------|------------------------------|

| |
|---|
| 11. Terminus Lease Line Perpendiculars 75 ft. from the N line. and 1 ft. from the W line |
| 12. Terminus Survey Line Perpendiculars 75 ft. from the N line. and 2640 ft. from the E line |
| 13. Penetration Point Lease Line Perpendiculars 200 ft. from the S line. and 1 ft. from the W line |

| | |
|-------------------------------|---|
| 5. Field as shown on Form W-1 | TWO GEORGES (BONE SPRING) (Field # 92100050, RRC District 08) |
|-------------------------------|---|

| | | | | |
|-----------------|----------------|-----------------|-------------|------------------------------|
| 6. Section 4 | 7. Block 21 | 8. Survey UL | 9. Abstract | 10. County of BHL WINKLER |
|-----------------|----------------|-----------------|-------------|------------------------------|

| |
|---|
| 11. Terminus Lease Line Perpendiculars 75 ft. from the N line. and 1 ft. from the W line |
| 12. Terminus Survey Line Perpendiculars 75 ft. from the N line. and 2640 ft. from the E line |
| 13. Penetration Point Lease Line Perpendiculars 200 ft. from the S line. and 1 ft. from the W line |

RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION

PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER ON A REGULAR OR ADMINISTRATIVE EXCEPTION LOCATION

| | | | |
|---|--|--|-----------------|
| PERMIT NUMBER 838557 | DATE PERMIT ISSUED OR AMENDED Apr 13, 2018 | DISTRICT * 08 | |
| API NUMBER 42-495-34108 | FORM W-1 RECEIVED Apr 06, 2018 | COUNTY WINKLER | |
| TYPE OF OPERATION NEW DRILL | WELLBORE PROFILE(S) Horizontal | ACRES 641.2 | |
| OPERATOR FELIX ENERGY HOLDINGS II, LLC FELIX ENERGY 1530 16TH ST SUITE 500 DENVER, CO 80202-0000 | | NOTICE This permit and any allowable assigned may be revoked if payment for fee(s) submitted to the Commission is not honored. District Office Telephone No: (432) 684-5581 | |
| LEASE NAME UL MAROON 0904-21 | | WELL NUMBER 1H | |
| LOCATION 4.27 miles W direction from WINK | | TOTAL DEPTH 14000 | |
| Section, Block and/or Survey SECTION 16 BLOCK 21 ABSTRACT U56 SURVEY UL | | | |
| DISTANCE TO SURVEY LINES 1171 ft. N 2232 ft. E | | DISTANCE TO NEAREST LEASE LINE 1 ft. | |
| DISTANCE TO LEASE LINES 1171 ft. N 2232 ft. E | | DISTANCE TO NEAREST WELL ON LEASE See FIELD(s) Below | |
| FIELD(s) and LIMITATIONS: <p style="text-align: center;">* SEE FIELD DISTRICT FOR REPORTING PURPOSES *</p> <p style="text-align: center;">** THIS PERMIT IS GRANTED PURSUANT TO STATEWIDE RULE 37(h)(2)(B) **</p> <p style="text-align: center;">CASE NO. 0310687</p> | | | |
| FIELD NAME LEASE NAME | ACRES NEAREST LEASE | DEPTH NEAREST WE | DIST |
| ----- | ----- | ----- | ----- |
| ** TWO GEORGES (BONE SPRING) | 641.20 | 14,000 | 1H 08 |
| UL MAROON 0904-21 | 1 | 0 | |
| ----- | | | |
| WELLBORE PROFILE(s) FOR FIELD: Horizontal | | | |
| ----- | | | |
| RESTRICTIONS: This is a hydrogen sulfide field. Hydrogen Sulfide Fields with perforations must be isolated and tested per State Wide Rule 36 and a Form H-9 filed with the district office. Fields with SWR 10 authority to downhole commingle must be isolated and tested individually prior to commingling production. | | | |
| Lateral: TH1 Penetration Point Location Lease Lines: 200.0 F S L 1.0 F W L Terminus Location BH County: WINKLER Section: 4 Block: 21 Abstract: Survey: UL Lease Lines: 75.0 F N L 1.0 F W L Survey Lines: 75.0 F N L 2640.0 F E L | | | |
| ----- | ----- | ----- | ----- |
| ** PHANTOM (WOLFCAMP) | 641.20 | 14,000 | 1H 08 |
| UL MAROON 0904-21 | 1 | 0 | |
| ----- | | | |

RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION

PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER ON A REGULAR OR ADMINISTRATIVE EXCEPTION LOCATION

| | | |
|--|---|---|
| PERMIT NUMBER <div align="center">838557</div> | DATE PERMIT ISSUED OR AMENDED <div align="center">Apr 13, 2018</div> | DISTRICT <div align="center">* 08</div> |
| API NUMBER <div align="center">42-495-34108</div> | FORM W-1 RECEIVED <div align="center">Apr 06, 2018</div> | COUNTY <div align="center">WINKLER</div> |
| TYPE OF OPERATION <div align="center">NEW DRILL</div> | WELLBORE PROFILE(S) <div align="center">Horizontal</div> | ACRES <div align="center">641.2</div> |
| OPERATOR <div align="center"> FELIX ENERGY HOLDINGS II, LLC FELIX ENERGY 1530 16TH ST SUITE 500 DENVER, CO 80202-0000 </div> | | NOTICE This permit and any allowable assigned may be revoked if payment for fee(s) submitted to the Commission is not honored. District Office Telephone No: <div align="center">(432) 684-5581</div> |
| LEASE NAME <div align="center">UL MAROON 0904-21</div> | | WELL NUMBER <div align="center">1H</div> |
| LOCATION <div align="center">4.27 miles W direction from WINK</div> | | TOTAL DEPTH <div align="center">14000</div> |
| Section, Block and/or Survey <div> SECTION ◀ 16 BLOCK ◀ 21 ABSTRACT ◀ U56 SURVEY ◀ UL </div> | | |
| DISTANCE TO SURVEY LINES <div align="center">1171 ft. N 2232 ft. E</div> | | DISTANCE TO NEAREST LEASE LINE <div align="center">1 ft.</div> |
| DISTANCE TO LEASE LINES <div align="center">1171 ft. N 2232 ft. E</div> | | DISTANCE TO NEAREST WELL ON LEASE <div align="center">See FIELD(s) Below</div> |
| FIELD(s) and LIMITATIONS: <div align="center"> * SEE FIELD DISTRICT FOR REPORTING PURPOSES * ** THIS PERMIT IS GRANTED PURSUANT TO STATEWIDE RULE 37(h)(2)(B) ** CASE NO. 0310687 </div> | | |
| FIELD NAME LEASE NAME | ACRES NEAREST LEASE | DEPTH NEAREST LEASE |
| WELLBORE PROFILE(s) FOR FIELD: Horizontal ----- | | |
| RESTRICTIONS: This is a hydrogen sulfide field. Hydrogen Sulfide Fields with perforations must be isolated and tested per State Wide Rule 36 and a Form H-9 filed with the district office. Fields with SWR 10 authority to downhole commingle must be isolated and tested individually prior to commingling production. <div> Lateral: TH1 Penetration Point Location Lease Lines: 200.0 F S L 1.0 F W L Terminus Location BH County: WINKLER Section: 4 Block: 21 Abstract: Survey: UL Lease Lines: 75.0 F N L 1.0 F W L Survey Lines: 75.0 F N L 2640.0 F E L </div> | | |
| ' ** ' PRECEDING FIELD NAME INDICATES RULE (R37) | | |
| THE FOLLOWING RESTRICTIONS APPLY TO ALL FIELDS This well shall be completed and produced in compliance with applicable special field or statewide spacing and density rules. If this well is to be used for brine mining, underground storage of liquid hydrocarbons in salt formations, or underground storage of gas in salt formations, a permit for that specific purpose must be obtained from Environmental Services prior to construction, including drilling, of the well in accordance with Statewide Rules 81, 95, and 97. | | |

RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION

PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER ON A REGULAR OR ADMINISTRATIVE EXCEPTION LOCATION

| | | |
|---|---|---|
| PERMIT NUMBER <div style="text-align: right;">838557</div> | DATE PERMIT ISSUED OR AMENDED <div style="text-align: center;">Apr 13, 2018</div> | DISTRICT <div style="text-align: center;">* 08</div> |
| API NUMBER <div style="text-align: right;">42-495-34108</div> | FORM W-1 RECEIVED <div style="text-align: center;">Apr 06, 2018</div> | COUNTY <div style="text-align: center;">WINKLER</div> |
| TYPE OF OPERATION <div style="text-align: center;">NEW DRILL</div> | WELLBORE PROFILE(S) <div style="text-align: center;">Horizontal</div> | ACRES <div style="text-align: center;">641.2</div> |
| OPERATOR <div style="text-align: right;">265322</div> <div style="text-align: center;">FELIX ENERGY HOLDINGS II, LLC</div> <div style="text-align: center;"> FELIX ENERGY 1530 16TH ST SUITE 500 DENVER, CO 80202-0000 </div> | | NOTICE This permit and any allowable assigned may be revoked if payment for fee(s) submitted to the Commission is not honored. District Office Telephone No: <div style="text-align: center;">(432) 684-5581</div> |
| LEASE NAME <div style="text-align: center;">UL MAROON 0904-21</div> | | WELL NUMBER <div style="text-align: center;">1H</div> |
| LOCATION <div style="text-align: center;">4.27 miles W direction from WINK</div> | | TOTAL DEPTH <div style="text-align: center;">14000</div> |
| Section, Block and/or Survey <div style="display: flex; justify-content: space-between;"> <div>SECTION 16</div> <div>BLOCK 21</div> <div>ABSTRACT U56</div> </div> <div style="display: flex; justify-content: space-between;"> <div>SURVEY UL</div> </div> | | |
| DISTANCE TO SURVEY LINES <div style="text-align: center;">1171 ft. N 2232 ft. E</div> | | DISTANCE TO NEAREST LEASE LINE <div style="text-align: center;">1 ft.</div> |
| DISTANCE TO LEASE LINES <div style="text-align: center;">1171 ft. N 2232 ft. E</div> | | DISTANCE TO NEAREST WELL ON LEASE <div style="text-align: center;">See FIELD(s) Below</div> |
| FIELD(s) and LIMITATIONS: <div style="text-align: center;"> * SEE FIELD DISTRICT FOR REPORTING PURPOSES * ** THIS PERMIT IS GRANTED PURSUANT TO STATEWIDE RULE 37(h)(2)(B) ** CASE NO. 0310687 </div> | | |
| <div style="display: flex; justify-content: space-between;"> <div>FIELD NAME</div> <div>ACRES</div> <div>DEPTH</div> <div>WELL #</div> <div>DIST</div> </div> <div style="display: flex; justify-content: space-between;"> <div>LEASE NAME</div> <div>NEAREST LEASE</div> <div>NEAREST WE</div> </div> <p>This well must comply to the new SWR 3.13 requirements concerning the isolation of any potential flow zones and zones with corrosive formation fluids. See approved permit for those formations that have been identified for the county in which you are drilling the well in.</p> <p>The designated interval for one or more of the fields approved in this permit appears to overlap with the designated interval of another field or fields in this district. In the case of conflicting designated intervals you will be required to be consistent in field designation on this lease. Further, if the designated interval overlap of wells on this lease results in an actual or potential double assignment of reservoir and the applicant cannot conclusively demonstrate that there is no double assignment, the permitted well may not be assigned an allowable until the conflict is resolved. Because of the overlapping designated intervals in this area, issuance of this permit does not guarantee that the completion of the well will be approved or that the well will receive an allowable in any given field, even if that field is listed on the approved permit application.</p> | | |

**RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION
SWR #13 Formation Data**

WINKLER (495) County

| Formation | Shallow Top | Deep Top | Remarks | Geological Order | Effective Date |
|--------------------|-------------|----------|--|------------------|----------------|
| RUSTLER | 725 | 725 | possible flow; possible usable quality water | 1 | 12/17/2013 |
| COLBY-QUEEN | 2,900 | 3,200 | | 2 | 12/17/2013 |
| YATES | 2,280 | 3,200 | | 3 | 12/17/2013 |
| QUEEN-SEVEN RIVERS | 2,700 | 3,400 | | 4 | 12/17/2013 |
| SAN ANDRES | 3,600 | 4,400 | high flows, H2S, corrosive | 5 | 12/17/2013 |
| HOLT | 4,500 | 4,800 | | 6 | 12/17/2013 |
| DELAWARE | 4,300 | 5,000 | | 7 | 12/17/2013 |
| GLORIETA | 4,900 | 5,600 | | 8 | 12/17/2013 |
| CLEARFORK | 4,750 | 6,200 | | 9 | 12/17/2013 |
| WICHITA ALBANY | 6,600 | 6,850 | | 10 | 12/17/2013 |
| BRUSHY CANYON | 7,300 | 7,300 | | 11 | 12/17/2013 |
| CHERRY CANYON | 6,000 | 7,800 | | 12 | 12/17/2013 |
| CANYON | 8,400 | 8,400 | | 13 | 12/17/2013 |
| BONE SPRINGS | 9,000 | 9,800 | | 14 | 12/17/2013 |
| MONTOYA | 10,300 | 10,300 | | 15 | 12/17/2013 |
| WADDELL | 11,000 | 11,000 | | 16 | 12/17/2013 |
| WOLFCAMP | 7,600 | 12,400 | | 17 | 12/17/2013 |
| ATOKA | 12,900 | 12,900 | | 18 | 12/17/2013 |
| STRAWN | 8,100 | 14,800 | | 19 | 12/17/2013 |
| PENNSYLVANIAN | 8,000 | 15,500 | | 20 | 12/17/2013 |
| MISSISSIPPIAN | 10,200 | 17,300 | | 21 | 12/17/2013 |
| DEVONIAN | 7,900 | 17,800 | | 22 | 12/17/2013 |
| SILURIAN | 8,500 | 18,000 | | 23 | 12/17/2013 |
| FUSSELMAN | 9,700 | 18,800 | | 24 | 12/17/2013 |
| ELLENBURGER | 9,500 | 21,400 | | 25 | 12/17/2013 |

The above list may not be all inclusive, and may also include formations that do not intersect all wellbores. Formation "TOP" information listed reflects an estimated range based on geologic variances across the county. To clarify, the "Deep Top" is not the bottom of the formation; it is the deepest depth at which the "TOP" of the formation has been or might be encountered. This is a dynamic list subject to updates and revisions. It is the operator's responsibility to make sure that at the time of spudding the well the most current list is being referenced. Refer to the RRC website at the following address for the most recent information.
<http://www.rrc.texas.gov/oil-gas/compliance-enforcement/rule-13-geologic-formation-info>

GROUNDWATER PROTECTION DETERMINATION

Form GW-2



Groundwater Advisory Unit

Date Issued: 16 April 2018**GAU Number:** 193354**Attention:** FELIX ENERGY HOLDINGS II,
FELIX ENERGY
DENVER, CO 80202**Operator No.:** 265322**API Number:**
County: WINKLER
Lease Name: UL Maroon 0904-21
Lease Number:
Well Number: 1H
Total Vertical Depth: 14000
Latitude: 31.742899
Longitude: -103.233023
Datum: NAD27**Purpose:** New Drill**Location:** Survey-UL; Block-21; Section-16

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 the base of the Allurossa, which is estimated to occur at a depth of 950 feet, must be protected.

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 04/06/2018. If the location information has changed, you must contact the Groundwater Advisory Unit, and submit a new application if necessary. If you have questions, please contact us at 512-463-2741 or gau@rrc.texas.gov.

Groundwater Advisory Unit, Oil and Gas Division

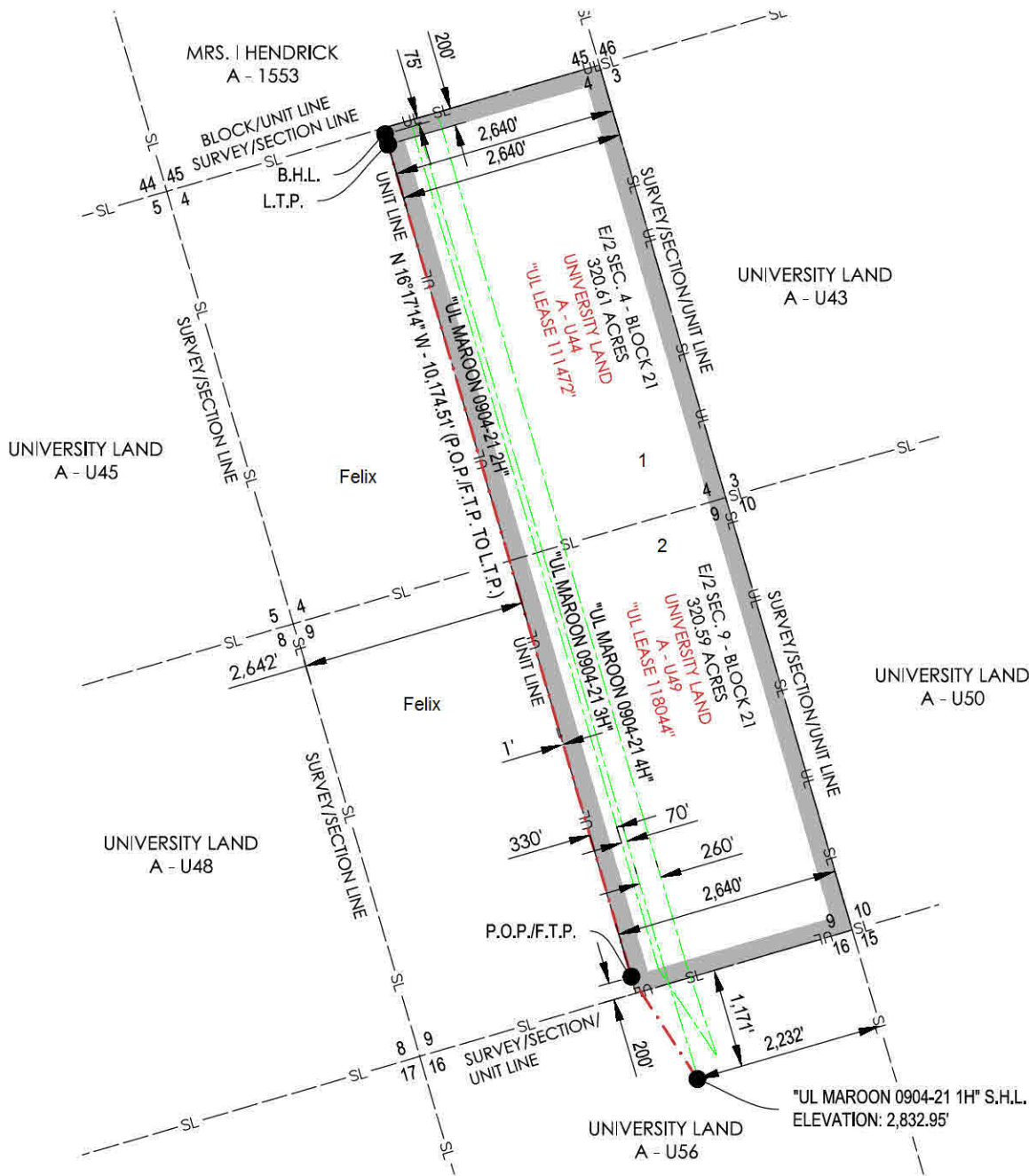
Form GW-2 P.O. Box 12967 Austin, Texas 78771-2967 512-463-2741 Internet address: www.rrc.texas.gov
Rev. 02/2014

FELIX ENERGY HOLDINGS II, LLC
WINKLER COUNTY, TEXAS
S.H.L. 1,171' FNL - 2,232' FEL, SECTION 16, BLOCK 21

GRID NORTH (NAD 83)
TEXAS - CENTRAL ZONE

LEGEND

- UL UNIT LINE
SL SECTION LINE
PROPOSED WELL PATH
NEAREST PROPOSED WELL PATH
200' 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



OPERATOR: FELIX ENERGY HOLDINGS II, LLC

WELL NAME: UL MAROON 0904-21 WELL NO: 1H

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 WEST

DISTANCE & DIRECTION

FROM HWY JCT OR TOWN: ±4.27 MILES WEST OF WINK, TX
FROM THE INTERSECTION OF HENDRICKS BLVD. AND FM 1232 HEAD WEST ON FM 1232 FOR
±1.5 MILES, TURN LEFT ONTO COUNTY ROAD 201 AND CONTINUE FOR ±3.3 MILES, TURN LEFT
ONTO EXISTING LEASE ROAD FOR ±0.2 MILES AND THE PAD WILL BE ON YOUR LEFT.

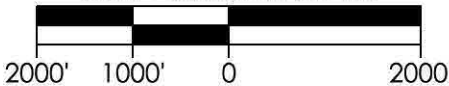
WELL PATH DATA

| LINE | BEARING | DISTANCE |
|-------------------------|---------------|------------|
| S.H.L. TO P.O.P./F.T.P. | N 32°51'12" W | 1,429.83' |
| P.O.P./F.T.P. TO L.T.P. | N 16°17'14" W | 10,174.51' |
| L.T.P. TO B.H.L. | N 16°17'14" W | 125.00' |

CALLS FROM SECTION LINE

| | |
|---------------|----------------------------------|
| S.H.L. | 1,171' FNL, 2,232' FEL (SEC. 16) |
| P.O.P./F.T.P. | 200' FSL, 2,640' FEL (SEC. 9) |
| L.T.P. | 200' FNL, 2,640' FEL (SEC. 4) |
| B.H.L. | 75' FNL, 2,640' FEL (SEC. 4) |

GRAPHIC SCALE IN FEET



SURFACE HOLE LOCATION:

1,171' FNL & 2,232' FEL (SEC. 16)
GROUND ELEVATION: 2,832.95'
NAD 27 TEXAS CENTRAL ZONE
NORTHING: 766867.24, EASTING: 1098664.19
LATITUDE: N 31.74289965°, LONGITUDE: W 103.23302236°
NAD 83 TEXAS CENTRAL ZONE
NORTHING: 10609443.71, EASTING: 1395129.04
LATITUDE: N 31.74302838°, LONGITUDE: W 103.23346893°

POINT OF PENETRATION/FIRST TAKE POINT:

200' FSL & 2,640' FEL (SEC. 9)
NAD 27 TEXAS CENTRAL ZONE
NORTHING: 768068.37, EASTING: 1097888.55
LATITUDE: N 31.74614488°, LONGITUDE: W 103.23561733°

LAST TAKE POINT:

200' FNL & 2,640' FEL (SEC. 4)
NAD 27 TEXAS CENTRAL ZONE
NORTHING: 777954.24, EASTING: 1095035.35
LATITUDE: N 31.77277751°, LONGITUDE: W 103.24561484°

BOTTOM HOLE LOCATION:

75' FNL & 2,640' FEL (SEC. 4)
NAD 27 TEXAS CENTRAL ZONE
NORTHING: 1095000.30
LATITUDE: N 31.77310470°, LONGITUDE: W 103.24573770°

UNIT CORNERS

| LOCATION | NAD27 | |
|------------------------|--------------------------------------|---|
| | STATE PLANE TEXAS CENTRAL (32039) | GEOGRAPHIC (4267) |
| NE CORNER SEC.4-BLK 21 | N = 778766.76 E = 1097513.23 | LAT: 31.77551816° LONG: -103.23772270° |
| SE CORNER SEC.9-BLK 21 | N = 768617.52 E = 1100478.42 | LAT: 31.74783948° LONG: -103.22733488° |
| SW CORNER OF UNIT | N = 767876.07 E = 1097943.50 | LAT: 31.74562035° LONG: -103.23542449° |
| NW CORNER OF UNIT | N = 778025.78 E = 1094977.73 | LAT: 31.77329967° LONG: -103.24581633° |

GENERAL NOTES

- 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.
- BASIS OF BEARINGS: TEXAS STATE PLANE GRID, CENTRAL ZONE, NAD83 AS DETERMINED BY GPS OBSERVATION.
- COMBINED SCALE FACTOR AT S.H.L. - 0.99982984
- VERTICAL DATUM IS NAVD 88
- AREAS, DISTANCES, AND COORDINATES ARE "GRID" BASED ON U.S. SURVEY FEET.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY.



CONTACT INFORMATION:

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Crafton Tull (10193715)
1000 LedgeLawn Dr.
Conway, AR 72034

4/5/2018

REVISION

"UL MAROON 0904-21 1H"

E/2 - SECTION 4, BLOCK 21 - 320.61 ACRES
E/2 - SECTION 9, BLOCK 21 - 320.59 ACRES
PROPOSED DRILL SITE
WINKLER COUNTY, TEXAS

SCALE: 1" = 2000'

PLOT DATE: 04-05-2018

CHECKED BY:

DRAWN BY:

L.DOW

HFD

APPROVED BY:

SHEET NO.: 1 OF 1

A.LILEY



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