



STATE OF LOUISIANA  
OFFICE OF CONSERVATION  
PERMIT TO DRILL FOR MINERALS

FEE: \$2528

SERIAL NO. 251551  
API 17125201350000

Approval Date 02/08/2019

Expiration Date 02/07/2020

63 PARISH  
6918 FIELD  
C298 OPERATOR

WEST FELICIANA  
MOUNT COMMON CHURCH, SOUTHWEST  
CONOCOPHILLIPS COMPANY  
P.O. BOX 2197  
EC3 20-W134  
HOUSTON, TX 77252-2197

HORIZONTAL

LAFAYETTE DISTRICT

WELL NAME: AUS C RA SUA;ERWIN

NO. 001

LOCATION OF WELL: SEC 047 T 01S R 01W M E

N 46 D 30' 26" E 18,958.36' FROM USC&GS MOUNUMENT "GREEN 1939", SEC 47- T1S- R1W.

PBHL: N 22 D 49' 18" E 6154.30' FROM SURF, SEC 46- 1S- R1W.

ZONE OR RESERVOIR OF PROPOSED COMPLETION: AUS C

Measured Depth 21000

True Vertical Depth 15500

APPLICABLE OFFICE OF CONSERVATION ORDERS: 29B- 1,29S,29B- 2

RICHARD P. IEYOUB

CARRIE WIEBELT

COMMISSIONER OF CONSERVATION

ISSUING AUTHORITY

WELL FILE



JOHN BEL EDWARDS  
GOVERNOR

State of Louisiana  
DEPARTMENT OF NATURAL RESOURCES  
OFFICE OF CONSERVATION

THOMAS F. HARRIS  
SECRETARY

RICHARD P. IEYOUB  
COMMISSIONER OF CONSERVATION

FEBRUARY 11, 2019

CONOCOPHILLIPS COMPANY  
P.O. BOX 2197  
EC3 20-W134  
HOUSTON, TX 77252-2197

\*\*\* PERMIT TO DRILL \*\*\*

RE: WEST FELICIANA PARISH  
MOUNT COMMON CHURCH, SOUTHWEST FIELD  
AUS C RA SUA; ERWIN NO. 001  
SER NO. 251551

GENTLEMEN:

WE ARE ISSUING THE ATTACHED PERMIT TO DRILL FOR THE ABOVE REFERENCED WELL WITH THE UNDERSTANDING THAT YOU WILL COMPLY WITH THE FOLLOWING CONDITIONS:

FURNISH THE APPROPRIATE DISTRICT MANAGER WITH A DIRECTIONAL SURVEY AS PROOF THAT THE WELL HAS BEEN DRILLED IN COMPLIANCE WITH THE PROVISIONS OF LAC 43:XIX 135.C (STATEWIDE ORDER NO. 29-B)

THERE CAN BE NO COMPLETION IN ANY POOL IN WHICH THE LOCATION IS NOT IN COMPLIANCE WITH THE SPACING PROVISIONS OF STATEWIDE ORDER NO. 29-S. IN THE EVENT THE WELL IS A PRODUCER, NO ALLOWABLE WILL BE ASSIGNED UNTIL A SUITABLE UNIT HAS BEEN FORMED.

WITHIN 30 DAYS OF THE COMPLETION DATE OR THE DATE THIS WELL IS RETAINED FOR FUTURE UTILITY, FINANCIAL SECURITY MUST BE PROVIDED IN ACCORDANCE WITH LAC 43:XIX.104 UNLESS SUCH WELL IS COVERED BY A BLANKET FINANCIAL SECURITY DOCUMENT ACCEPTED BY THE OFFICE OF CONSERVATION. IN SUCH CASE APPLICANT'S FINANCIAL INSTITUTION IS REQUIRED TO SUBMIT A REVISED EXHIBIT "A" TO REFLECT THIS WELL IS SUBJECT TO SAID FINANCIAL SECURITY DOCUMENT.

NO ALLOWABLE WILL BE ASSIGNED SAID WELL UNLESS IN COMPLIANCE WITH THE ABOVE PROVISIONS.

PLEASE BE ADVISED THAT A PERMIT TO DRILL ISSUED BY THE OFFICE OF CONSERVATION DOES NOT RELIEVE THE OPERATOR OF THE OBLIGATION TO COMPLY WITH FEDERAL, LOCAL, OR OTHER STATE PERMITTING OR REGULATORY REQUIREMENTS.

YOURS TRULY,

RICHARD P. IEYOUB  
COMMISSIONER OF CONSERVATION

*Carrie Wiebelt*

CARRIE WIEBELT

CW : PC  
CC: LAFAYETTE DISTRICT MANAGER  
LAFAYETTE, DISTRICT MANAGER  
29B-1, 29S, 29B-2

STATE OF LOUISIANA  
OFFICE OF CONSERVATION FORM MD-10-R-1  
APPLICATION FOR PERMIT TO DRILL FOR MINERALS  
TYPE ONLY - FILE IN DUPLICATE

RECEIVED

FEB 7 2019

(Print on Buff color paper)

OFFICE USE ONLY  
29B-2, 29B-1, 29-S, horizontal  
1 year permit, East Feliciana & West Feliciana Parishes  
SERIAL NUMBER: 251551

Company Data  
DATE OF APPLICATION: January 28, 2019  
OPERATOR: ConocoPhillips Company  
CODE NO. C298  
ADDRESS: P.O Box 2197 Suite EC3-20-W134  
Houston, TX 77252

Well Data  
PARISH: West Feliciana  
CODE NO. 63  
FIELD: Mount Common Church, Southwest  
CODE NO. 6918  
WELL NAME: AUS C RA SUA ERWIN  
Well No.: 001  
LOCATION: Section: 047 Township: T1S Range: 01W  
LOCATION DESCRIPTION: SURFACE LOCATION being N46°30'26"E 18,958.36' from USC&GS Monument "GREEN 1939", located in Section 47, T1S-R1W. PROPOSED BOTTOM HOLE LOCATION to be N22°49'1 8.E 61 54.30' from the Surface Location, located in Section 46, T1S-R1W, West Feliciana Parish, Louisiana.

PRODUCT:  OIL  GAS  OTHER  
Proposed Total Depth: 21,000 feet - Measured Depth  
(and TVD, if applicable) 15,500 feet - True Vertical Depth  
Application Fee: \$2,528.00 Check No.: INVOICE  
6 Month  1 Year  # 1187121

TYPE OF WELL  
 New Well  Repermit  
 Redrill  Straight  
 Dual  Directional  
 Lease  Horizontal  
 Unit  SPC Plan (on water)

PROPOSED ZONE OF COMPLETION: AUS C RA SUA  
APPLICABLE CONSERVATION ORDERS: 29B-1 1581-A  
SERIAL NUMBER OF REDRILL OR REPERMIT (if applicable):

CONTACT DATA  
SEND PERMIT TO: Same as above  
ADDRESS: (if different than above)  
FOR ADDITIONAL INFORMATION, CONTACT: Larry Smith  
Phone No.: 832-486-2590

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JAN 31 2019

APPLICANT  
SUBMITTED BY: Larry Smith  
TYPE NAME AND TITLE  
SIGNATURE: [Signature]  
APPLICANT'S REPRESENTATIVE SIGNATURE

OFFICE OF CONSERVATION  
LAFAYETTE DISTRICT

OFFICE USE ONLY  
FINANCIAL SECURITY REQUIRED PRIOR TO PERMITTING:  Yes  No  
DISTRICT APPROVAL: [Signature] DATE: 2/6/19  
ISSUED BY: Russell W. McLean DATE: 02/08/2019  
API No.: 17.125.20135 Exp.: 02/07/2020

STATE OF LOUISIANA  
OFFICE OF CONSERVATION

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FEB 7 2019

OFFICE OF CONSERVATION  
PERMIT SECTION

INTER OFFICE

February 6, 2019

TO: PERMIT SECTION  
FROM: PATRICK MOLBERT, LAFAYETTE DISTRICT MANAGER  
ATTN: CARRIE WIEBELT, PETROLEUM ANALYST SUPERVISOR

Enclosed herewith please find application from CONOCOPHILLIPS COMPANY (C298) to permit their AUS C RA SUA;ERWIN #001 in the MOUNT COMMON CHURCH, SOUTHWEST(6918) FIELD, WEST FELICIANA(63) PARISH, LOUISIANA.

Also enclosed please find:

PAYMENT RECEIVED - INVOICE NO: 1187121

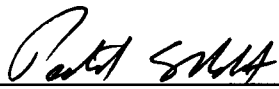
PERMITTED TO A TOTAL DEPTH OF 21,000' MD / 15,500' TVD

<u>  x  </u>	Well Location Plat
<u>  x  </u>	Well Location Certification
<u>  </u>	Form A.D.C.
<u>  </u>	Electric Log
<u>  </u>	Schematic Diagram
<u>  </u>	(Dual) structure map if well does not comply with Existing Orders
<u>  </u>	(Selective-Onshore) structure map showing reservoir limits
<u>  </u>	(Selective-Offshore) letter(s) of no objection from offset operators
<u>  </u>	OFFSHORE (Seaward of the Chapman line)
<u>  X  </u>	AFLN-1

Applicable Office of Conservation Order No(s): 29B-1, ORDER: 1587-A

Remarks and Recommendations: ROUTINE, DIRECTIONAL SURVEY REQUIRED

*29-S covered in Finding 4 & 5 of Order No. 1587-A.*

  
\_\_\_\_\_  
Patrick Molbert, Manager  
Lafayette District

PM:sbt

Encls.

**AFFIDAVIT OF COMPLIANCE  
STATEWIDE ORDER 29-B  
RULE LAC 43:XIX.103**

**WELL NAME AND NUMBER AUS C RA SUA; Erwin # 001**

**STATE OF : LOUISIANA**

**PARISH/COUNTY OF: WEST FELICIANA**

**BEFORE ME** , the undersigned Notary Public, personally appeared: **LARRY SMITH**, (“affiant”) who on his oath did say that he is the: **SR. REGULATORY COORDINATOR** (REPRESENTATIVE) of the: **CONOCOPHILLIPS** (COMPANY), authorized to do business in the state of Louisiana, and that said instrument was signed on behalf of said company, and affiant acknowledged that he executed the same as the free act and deed of said company.

**BY CHECKING THIS BOX, AFFIANT CERTIFIES:**

- |  |  |
|--|--|
| <p><input type="checkbox"/> The above referenced well will be drilled from an existing pad on the property in question, there will be no expansion to the existing drilling pad or access road(s) and therefore no notice to the surface owner is required pursuant to R.S. 30:28(I)(1)(f).</p> <p><input checked="" type="checkbox"/> A contractual relationship presently exists between the operator and the surface owner(s) of the subject well. As such, no pre-entry notice is required pursuant to 30:28(I)(1)(c).</p> | <p><input type="checkbox"/> Surface owner was provided pre-entry notice on the _____ day of _____, 20_____. No construction operations of a drilling location for the aforementioned well shall commence less than thirty (30) days after such date.</p> <p><input type="checkbox"/> No pre-entry notice required pursuant to R.S. 30:28(I)(1)(d). Please attach documentation of Commissioner’s waiver.</p> |
|--|--|

The information in this affidavit meets the requirements of Statewide Order 29-B, Rule LAC 43:XIX.103 and Louisiana R.S. 30:28(I), demonstrating compliance with such order. By signing this document, I certify that the foregoing is true and correct to the best of my knowledge.

Thus done and sworn this 28<sup>th</sup> day of January, 2019 :

Signature: *Larry R. Smith*

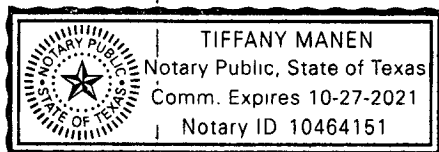
Print Name: Larry R Smith

Title: Sr. Regulatory Coordinator

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JAN 31 2019

OFFICE OF CONSERVATION  
LAFAYETTE DISTRICT



*Tiffany Manen*  
Notary Public



JOHN BEL EDWARDS  
GOVERNOR

State of Louisiana  
DEPARTMENT OF NATURAL RESOURCES  
OFFICE OF CONSERVATION

THOMAS F. HARRIS  
SECRETARY

RICHARD P. IEYOUB  
COMMISSIONER OF CONSERVATION

February 6, 2019

CONOCOPHILLIPS COMPANY(C298)  
ATTN: LARRY SMITH  
P O BOX 2197  
EC3-20-W134  
HOUSTON TX 77252

Re: AUS C RA SUA;ERWIN #001  
MOUNT COMMON CHURCH, SOUTHWEST (6918)FIELD  
WEST FELICIANA(63) PARISH

Dear MR. SMITH :

I have received your application to drill the subject well.

Fresh water sands in this area extend to sub-sea depths of approximately +/-2380' feet. It is the usual procedure of this office to require an operator to set sufficient casing to protect the fresh water sands from possible pollution. However, an alternate procedure may be used whereby surface casing may be set to the minimum depth as required by statewide Order 29-B (1800') and should this well prove productive, a cementing collar is to be utilized to displace cement around the production string at the fresh water-salt water contact. In either procedure, a representative of this office must be contacted to conduct a surface casing test and, if the cementing collar is used, to witness the placement of the cement seal around the production string at the freshwater-saltwater contact.

If the alternate procedure is used and should this well be plugged and abandoned with fresh water sands exposed, a cement plug shall be placed from at least one hundred feet (100') below the base of the deepest fresh water sands to at least one hundred fifty feet (150') above the base of the sand. Additionally, a cement plug of at least one hundred feet (100') shall be placed from at least fifty feet (50') below the shoe of the surface casing to at least fifty feet (50') above the shoe of the surface casing. If a retainer is utilized, then a sufficient amount of cement shall be squeezed below the retainer to cover at least fifty feet (50') below the shoe of the surface casing. A cement plug of at least ten feet (10') shall be placed on top of the retainer.

Please be advised that the above surface casing requirements do not constitute the minimum surface casing required to dispose of drilling mud into this well. If you intend to dispose of drilling mud into this well please contact the Injection and Mining Division of the Office of Conservation in Baton Rouge at (225) 342-5515, during normal working hours, for any additional surface casing requirements and a reserve pit disposal permit.

Hoping for your full cooperation in this matter I am.

Yours very truly,

Patrick Molbert, Manager  
Lafayette District

PM:sbt

cc: Carrie Wiebelt, Permit Section, Baton Rouge, LA.

STATE OF LOUISIANA  
OFFICE OF CONSERVATION

PERMIT TO DRILL INSTRUCTIONS

OPERATOR: CONOCOPHILLIPS COMPANY(C298), P O BOX 2197, EC3-20-W134, HOUSTON TX 77252  
COMPANY REPRESENTATIVE: LARRY SMITH  
COMPLIANCE CORRESPONDENCE: SAME

We have processed and forwarded to Baton Rouge for final approval your application to drill the AUS C RA SUA:ERWIN #001 in the MOUNT COMMON CHURCH, SOUTHWEST(6918) FIELD, WEST FELICIANA(63) PARISH.

Statewide Order No. 29-B:

1. No well shall be drilled, nor shall the drilling of a well be commenced, BEFORE a permit for such well has been issued by the Office of Conservation.
2. Contact the District Office at (337) 262-5777 AND the Conservation Enforcement Specialist, CLAUDE RAY JR. at 18094 HWY 1061, AMITE, LA 70442 or at CELL PHONE NUMBER (225) 715-6929 or at CLAUDE.RAY@LA.GOV at least 24 hours prior to spudding of well.
3. No well shall commence drilling below surface casing until a well sign is posted on the drilling rig and subsequently on well showing: *Operator, Well Name and Number, Serial Number, Parish and Section-Township-Range.* A legible well sign shall be maintained until well is permanently plugged and abandoned.
4. Prior authorization is required for Deepening, Sidetrack, Perforating (including initial completion), Cement Squeezing, Plugback, Plug & Abandon and other work noted on Work Permit (Form DM-4R). This Work Permit shall be submitted to District Office PRIOR to commencement of work.

REPORTING REQUIREMENTS:

WATER LOCATIONS ONLY: Beginning July 15, 2010 the "Drilling/Workover Rig Movement Notification Report" (which can be found on our website at (<http://dnr.louisiana.gov/cons/documents.ssi>) is required to be submitted to the District Office and local Conservation Enforcement Specialist at least 24 hours prior to moving a rig on or off of a location.

A weekly progress report (which can be found on our website at <http://dnr.louisiana.gov/cons/lafayettehome.ssi>) is required to be filed with the District Office by telephone (337) 262-5777, fax (225) 242-3328 or email [laf-drill@la.gov](mailto:laf-drill@la.gov) by MONDAY MORNING of each week. Additionally, the CES listed above shall be contacted MONDAY MORNING of each week.

"LAC 43:XIX.111 has specific requirements regarding Diverter Systems and Blowout Preventers. Please note that this requirement will be strictly enforced resulting in a fine for any violation. In addition, please include your latest BOP test date to the District Office with your weekly progress report".

FORMS REQUIRED: To be submitted to the Lafayette District Office

1. Form CSG-T "AFFIDAVIT OF TEST OF CASING IN WELL": original and signed form to be submitted on surface casing, intermediate casing, production casing and drilling or production liners must include test information.
2. A copy of the documentation furnished by the manufacturer, if new, or supplier, if reconditioned, which certifies tubular condition, shall be provided with the Well History and Work Resume Report (WH-1) on WATER LOCATIONS ONLY!
3. COMPLETION: FORM COMP to be submitted in triplicate within three (3) days after successful completion of the well.
4. PLUG AND ABANDON REPORT: To be submitted in triplicate with Well History (WH-1) within twenty (20) days after plug and abandonment of the wellbore.
5. WELL HISTORY: FORM WH-1 to be submitted in triplicate within twenty (20) days after successful completion or plug and abandonment of the wellbore (wellbore schematic attached).
6. INFORMATIONAL WELL HISTORY: In the event that you do not successfully complete or plug and abandon the wellbore within twenty (20) days of reaching total depth, you are required to submit to this office an Informational FORM WH-1 (wellbore schematic attached) which will indicate one of the following status codes:
  - a. 31 - Inactive Dry Hole Future Utility
  - b. 32 - Inactive Dry Hole No Future Utility
7. DIRECTIONAL SURVEY/APPARENT DEVIATION: To be submitted in duplicate with Well History (WH-1) within 20 days after total depth is reached. Directional Survey shall be certified and signed.
8. ELECTRIC LOGS: Effective January 1, 2014 all electric logs, when run, shall be submitted in electronic format to the Office of Conservation in Baton Rouge (please contact the Geological Division for filing instructions).
9. OILFIELD WASTE DISPOSITION: Form ENG-16 to be submitted in duplicate after reserve pit is closed, no later than six (6) months after total depth is reached.

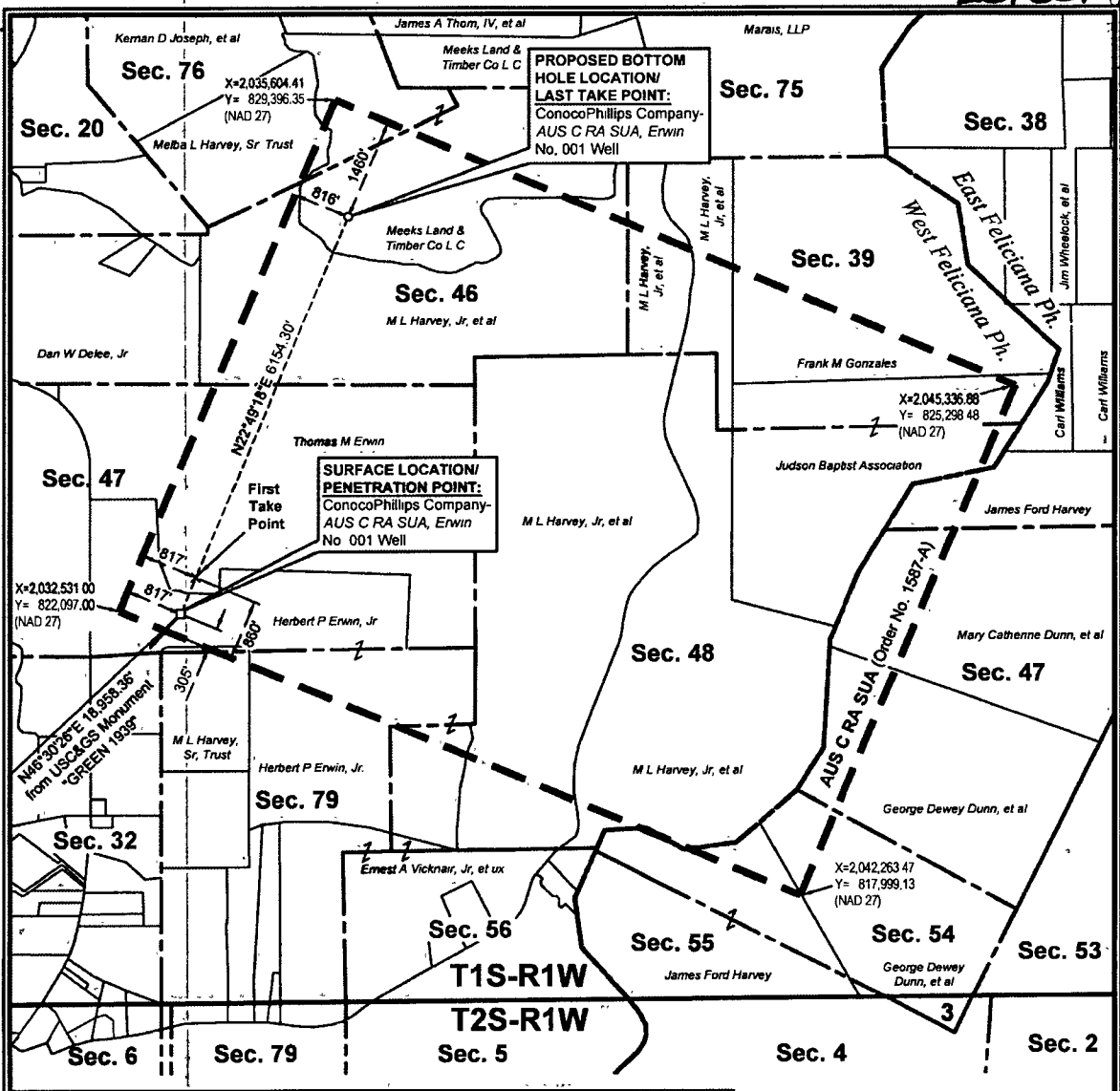
FAILURE TO COMPLY WITH THE FOREGOING MAY RESULT IN THE ASSESSMENT OF A FINE FOR WILLFUL VIOLATION OF THE PROVISIONS OF LOUISIANA R.S. 30:18. In the event you use a consultant or a drilling contractor on a turnkey basis, please see that he is furnished a copy of these instructions.

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OFFICE OF CONSERVATION

251551



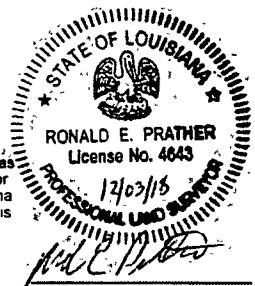
SURFACE LOCATION		PROPOSED BOTTOM HOLE LOCATION		NAD 27	
X=	2,033,402.47	X=	2,035,789.51	PENETRATION POINT	X= 2,033,402
Y=	822,061.47	Y=	827,733.99	FIRST TAKE POINT	Y= 822,061
LAT.	30° 55' 38" N	LAT.	30° 56' 34" N	LAST TAKE POINT	X= 2,033,617
LONG.	91° 13' 37" W	LONG.	91° 13' 09" W		Y= 822,572
X=	3,314,200.96	X=	3,316,588.02		X= 2,035,790
Y=	882,772.24	Y=	888,444.81		Y= 827,734
LAT.	30° 55' 38" N	LAT.	30° 56' 34" N		
LONG.	91° 13' 37" W	LONG.	91° 13' 09" W		

SURFACE / PENETRATION POINT 305' from SW line of AUS C RA SUA  
 SURFACE / PENETRATION POINT 817' from NW line of AUS C RA SUA  
 FIRST TAKE POINT 860' from SW line of AUS C RA SUA  
 FIRST TAKE POINT 817' from NW line of AUS C RA SUA  
 PBHL / LAST TAKE POINT 1460' from NE line of AUS C RA SUA  
 PBHL / LAST TAKE POINT 816' from NW line of AUS C RA SUA

ConocoPhillips Company-  
 AUS C RA SUA; Erwin  
 No. 001 Well  
 Surveyed October 30, 2018 as follows:  
 SURFACE LOCATION being N46°30'26"E  
 18,958.36' from USC&GS Monument "GREEN  
 1939", located in Section 47, T1S-R1W.  
 PROPOSED BOTTOM HOLE LOCATION to be  
 N22°49'18"E 6154.30' from the Surface  
 Location, located in Section 46, T1S-R1W,  
 West Feliciana Parish, Louisiana.

NOTE: This plat is not a property boundary survey and as such does not comply with the "Standards of Practice for Property Boundary Surveys" as adopted by the Louisiana Professional Engineering and Land Surveying Board; it is however in compliance with Statewide Order 29-B and 29-E. (Title 43 of the Louisiana Administrative Code)

There are no residential or commercial structures, not owned by the applicant, his lessor, or other predecessor in interest, within a 500' radius of the proposed location as of 10/30/2018



Ronald E Prather  
 Professional Land Surveyor  
 Registration No 4643



Elevation of ground at location +231.4' NAVD 88  
 2000' 0 1000' 2000'  
 Scale 1" = 2000'



C. H. Fenstermaker & Associates, L.L.C.  
 135 Regency Sq. Lafayette, LA 70508  
 Ph. 337-237-2200 Fax. 337-232-3299  
 www.fenstermaker.com

WELL LOCATION PLAT  
**CONOCOPHILLIPS COMPANY**  
 AUS C RA SUA; Erwin No 001 Well  
 Section 47, T1S-R1W  
 West Feliciana Parish, Louisiana

REVISIONS				
DRAWN BY:	#	BY:	DATE:	DESCRIPTION:
PROJ. MGR.:	MBD			
DATE:	11/07/2018			
FILENAME: T:\2018\2187615DWG\AUS C RA SUA_Erwin #1_Location.dwg				

OFFICE OF CONSERVATION  
LAFAYETTE DISTRICT

JAN 31 2019

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