

API NUMBER: 017 25811

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
P.O. BOX 52000
OKLAHOMA CITY, OK 73152-2000
(Rule 165:10-3-1)

Approval Date: 05/04/2022
Expiration Date: 11/04/2023

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 27 Township: 14N Range: 6W County: CANADIAN

SPOT LOCATION: ☐ SW ☐ NW ☐ NW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 410 2435

Lease Name: STEPHEN 1406 Well No: 5H-27X Well will be 410 feet from nearest unit or lease boundary.
Operator Name: OVINTIV USA INC Telephone: 2812105100 OTC/OCC Number: 21713 0

OVINTIV USA INC

THE WOODLANDS, TX 77380-3197

STEPHEN A. SCHULTE

P.O. BOX 246

OKARCHE OK 73762

Formation(s) (Permit Valid for Listed Formations Only):

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	7965
2	WOODFORD	319WDFD	8361

Spacing Orders: 649359

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202201075
202201076
202201066
202201068
202201077

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 15111

Ground Elevation: 1320

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 520

Deep surface casing has been approved

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)		PERMIT NO: 22-38206
E. Haul to Commercial pit facility	Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498	
H. (Other)	SEE MEMO	

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: BED AQUIFER

Pit Location Formation: DUNCAN

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: BED AQUIFER

Pit Location Formation: DUNCAN

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

MULTI UNIT HOLE 1

Section: 34	Township: 14N	Range: 6W	Meridian: IM	Total Length: 6085
County: CANADIAN				Measured Total Depth: 15111
Spot Location of End Point: SE	SW	NW	NW	True Vertical Depth: 8492
Feet From: NORTH	1/4 Section Line: 1034		End Point Location from	
Feet From: WEST	1/4 Section Line: 410		Lease, Unit, or Property Line: 410	

NOTES:

Category	Description
DEEP SURFACE CASING	[4/28/2022 - GB1] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	<p>[3/29/2022 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCWEB.COM/OG/OGFORMS.HTML; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG</p>
MEMO	[3/29/2022 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - BODY OF WATER), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202201066	<p>[4/12/2022 - GB1] - 27-14N-6W</p> <p>X649359 WDFD</p> <p>2 WELLS</p> <p>NO OP NAMED</p> <p>REC 5/3/22 (PRESLAR)</p>
PENDING CD - 202201068	<p>[4/12/2022 - GB1] - 34-14N-6W</p> <p>X649359 WDFD</p> <p>2 WELLS</p> <p>NO OP NAMED</p> <p>REC 5/3/22 (PRESLAR)</p>
PENDING CD - 202201075	<p>[4/12/2022 - GB1] - (I.O.) 27 & 34-14N-6W</p> <p>EST MULTIUNIT HORIZONTAL WELL</p> <p>X649359 MSSP, WDFD, OTHER</p> <p>(OTHER ADJACENT CSS TO MSSP, WDFD)****</p> <p>50% 27-14N-6W</p> <p>50% 34-14N-6W</p> <p>NO OP NAMED</p> <p>REC 5/3/22 (PRESLAR)</p> <p>**** S/B MSSP, OTHER ADJACENT CSS TO WDFD; WILL BE AMENDED AT HEARING</p>
PENDING CD - 202201076	<p>[4/12/2022 - GB1] - (I.O.) 27 & 34-14N-6W</p> <p>X649359 MSSP, WDFD, OTHER</p> <p>COMPL INT (27-14N-6W) NCT 165' FNL, NCT 0' FSL, NCT 330' FWL</p> <p>COMPL INT (34-14N-6W) NCT 0' FNL, NCT 165' FSL, NCT 330' FWL</p> <p>NO OP NAMED</p> <p>REC 5/3/22 (PRESLAR)</p>
PENDING CD - 202201077	<p>[4/12/2022 - GB1] - (I.O.) 27 & 34-14N-6W</p> <p>X165:10-3-28(C)(2)(B) MSSP, WDFD, OTHER</p> <p>MAY BE CLOSER THAN 600' TO EACH OTHER, STEPHEN 1H-27X, ALLISON 1-27</p> <p>NO OP NAMED</p> <p>REC 5/3/22 (PRESLAR)</p>
SPACING - 649359	<p>[4/11/2022 - GB1] - (640)(HOR) 27 & 34-14N-6W</p> <p>EXT 640127 MSSP, WDFD, OTHER</p> <p>COMPL INT (MSSP) NLT 660' FB</p> <p>COMPL INT (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL</p> <p>(COEXIST SP #114554/114776 MISS 27-14N-6W; SP # 124537/130229 MISS, OTHER)</p>

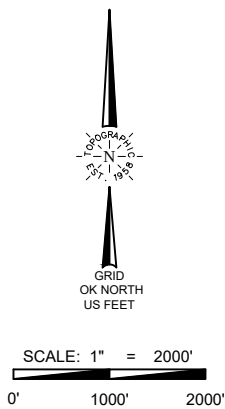
This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

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017 25811 STEPHEN 1406 5H-27X

LEGEND

---	SECTION LINE
————	TOWNSHIP LINE
----	QUARTER SECTION LINE
- - - -	16TH LINE
—————	PROPOSED WELL BORE



410° FNL & 2435° FEL
NAD-27
X= 2052281
Y= 242575
LAT.: 35°39'58.6" N
LONG.: 97°49'26.4" W
LAT.: 35.666270° N
LONG.: 97.824002° W
ELEV.: 1320' (NGVD29)
NAD-83
X= 2020683
Y= 242600
LAT.: 35°39'58.8" N
LONG.: 97°49'27.6" W
LAT.: 35.666320° N
LONG.: 97.824327° W
ELEV.: 1320' (NAVD88)

LANDING POINT
165' FNL & 410' FWL
NAD-27
X= 2049828
Y= 242830
LAT.: 35°40'01.1" N
LONG.: 97°49'56.1" W
LAT.: 35.666981° N
LONG.: 97.832258° W
NAD-83
X= 2018230
Y= 242854
LAT.: 35°40'01.3" N
LONG.: 97°49'57.3" W
LAT.: 35.667031° N
LONG.: 97.832584° W

LAST TAKE POINT
954' FNL & 410' FWL
NAD-27
X= 2049801
Y= 236745
LAT.: 35°39'01.0" N
LONG.: 97°49'56.6" W
LAT.: 35.650266° N
LONG.: 97.832384° W
NAD-83
X= 2018203
Y= 236769
LAT.: 35°39'01.1" N
LONG.: 97°49'57.8" W
LAT.: 35.650315° N
LONG.: 97.832709° W


BOTTOM HOLE
1034' FNL & 410' FWL
NAD-27
X= 2049801
Y= 2366665
LAT.: 35°39'00.2" N
LONG.: 97°49'56.6" W
LAT.: 35.650046° N
LONG.: 97.832385° W
NAD-83
X= 2018203
Y= 2366889
LAT.: 35°39'00.3" N
LONG.: 97°49'57.8" W
LAT.: 35.650091° N
LONG.: 97.832711° W

I, T. WAYNE FISCH, AN OKLAHOMA LICENSED LAND SURVEYOR AND AN AUTHORIZED AGENT OF TOPOGRAPHIC, CO. DO HEREBY CERTIFY TO THE INFORMATION SHOWN HEREIN.



13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134
TELEPHONE: (405) 843-4847 OR (800) 654-3219
FAX: (405) 843-0975
CERTIFICATE OF AUTHORIZATION NO. 1292 LS
WWW.TOPOGRAPHIC.COM

A circular professional seal for a Licensed Professional Land Surveyor in Oklahoma. The outer ring contains the text "LICENSED PROFESSIONAL LAND SURVEYOR" at the top and "OKLAHOMA" at the bottom. The inner circle contains the name "T. WAYNE FISCH", the license number "1378", and the commission expiration date "04-29-22".


T. Wayne Fisch, P.L.S. No. 1378
Authorized Agent of Topographic, Co.

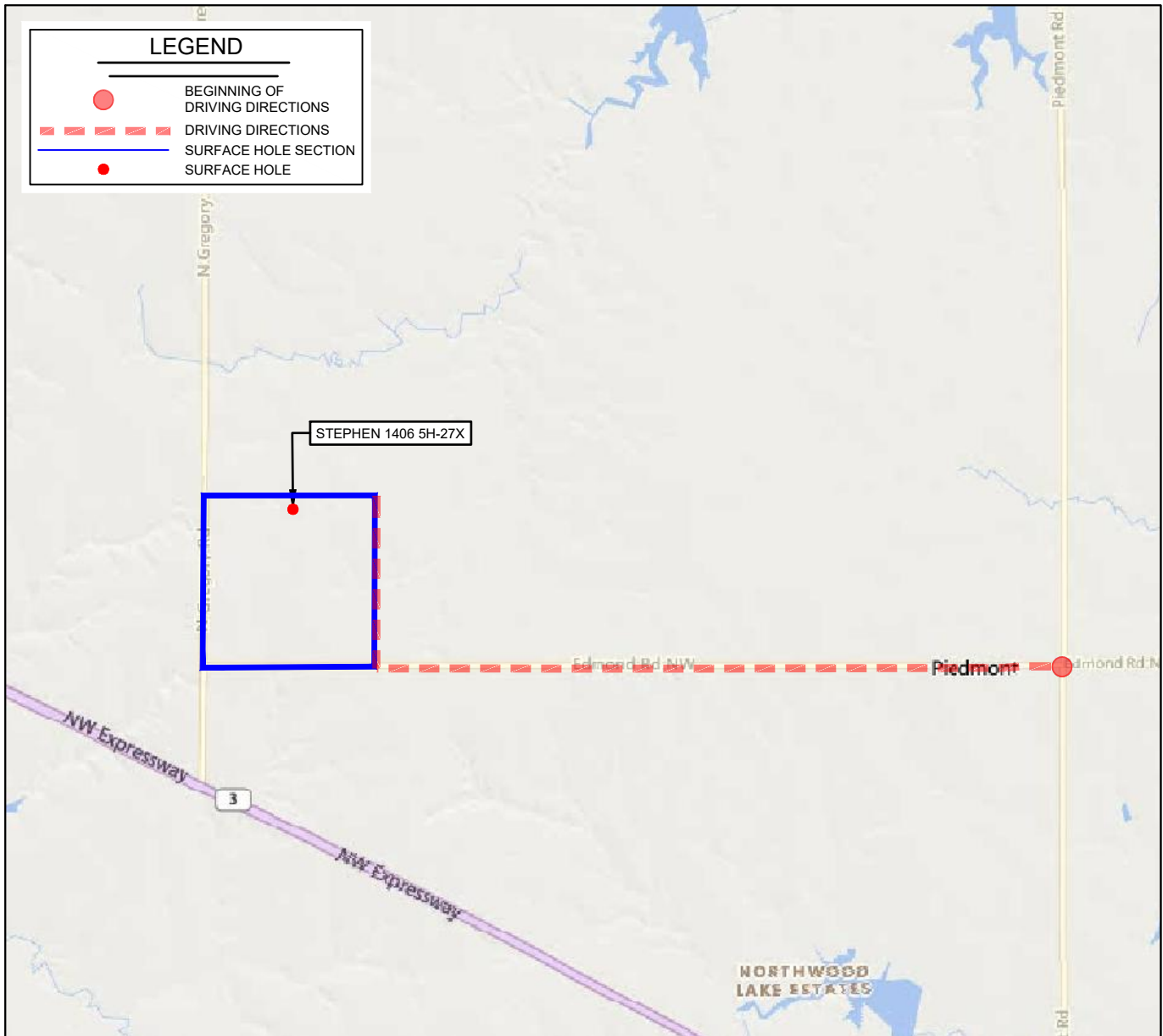
LEASE NAME & WELL NO STEPHEN 1406 5H-27X

SECTION 27 TWP 14N RGE 6W MERIDIAN 1.M.
COUNTY _____ CANADIAN _____ STATE _____ OKLAHOMA
DESCRIPTION _____ 410' FNL & 2435' FEL

STEPHEN 1406 5H-27X	REVISION:	
	INT	DATE
	KEU	04/28/2022
DATE: 03/25/2022		
FILE:LO_STEPHEN_1406_5H_27X_REV1		
DRAWN BY: KEU		
SHEET : 1 OF 1		

- NOTES:
1. ORIGINAL DOCUMENT SIZE: 8.5" X 14"
 2. ALL BEARINGS SHOWN HEREON ARE GRID OKLAHOMA COORDINATE SYSTEM OF 1983 NORTH ZONE ACCORDING TO THE RESULT OF STATIC GPS OBSERVATION PROCESSED THROUGH OPUS ON THE CONTROL POINT OCCUPIED WHILE MEASURING SAID LINES. OPUS RESULTS ARE CORRELATED TO OKLAHOMA COORDINATE SYSTEM THROUGH NORTH ZONE AND THE NORTH AMERICAN VERTICAL DATUM OF 1988.
 3. OKLAHOMA COORDINATE SYSTEM OF 1927 AND NATIONAL GEOGRAPHIC VERTICAL DATUM OF 1929 INFORMATION CONVERTED FROM OKLAHOMA COORDINATE SYSTEM OF 1983 AND NORTH AMERICAN VERTICAL DATUM OF 1988.
 4. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT/LOCATION. IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY CONDUCTED ON THE GROUND UNDER MY SUPERVISION AND USING DOCUMENTATION PROVIDED BY CIVILITY MID-CONTINENT INC. ONLY UTILIZED TO THE EASEMENTS THAT WERE VISIBLE ON THE DATE OF THE SURVEY. WITHIN/ADJOINING THIS EASEMENT/LOCATION, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE. THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY.
 5. LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR AS SHOWN AND ARE NOT SURVEYED LOCATIONS.
 6. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.

VICINITY MAP



LEASE NAME & WELL NO. STEPHEN 1406 5H-27X

SECTION 27 TWP 14N RGE 6W MERIDIAN I.M.

COUNTY CANADIAN STATE OKLAHOMA

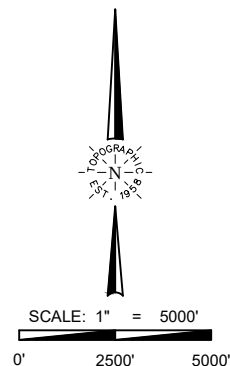
DESCRIPTION 410' FNL & 2435' FEL

DISTANCE & DIRECTION

FROM PIEDMONT, OK GO ± 4.0 MI. WEST ON EDMOND RD. NW, THEN
GO ± 1.0 MI. NORTH ON CIMARRON RD. NW TO THE NORTHEAST
CORNER OF SECTION 27-T14N-R6W.

THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY OVINTIV MID-CONTINENT INC.. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE OKLAHOMA STATE PLANE COORDINATE SYSTEM, NORTH ZONE OF THE NORTH AMERICAN DATUM 1983, U.S. SURVEY FEET AND THE NORTH AMERICAN VERTICAL DATUM OF 1988.



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