

API NUMBER: 051 24938

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

Approval Date: 05/17/2022
Expiration Date: 11/17/2023

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 27 Township: 8N Range: 5W County: GRADY

SPOT LOCATION: SE SE SE SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 151 2594

Lease Name: DAVIS 0805 Well No: 2HW-34X Well will be 151 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

OLIVER REAL ESTATE HOLDINGS LLC

1010 N. ROBINSON AVENUE, SUITE 900

OKLAHOMA CITY OK 73102

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	10720
2	WOODFORD	319WDFD	10870

Spacing Orders: 634535
670375
716998

Location Exception Orders: 716999
722562

Increased Density Orders: 717103
717160
722560
722558

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 21602 Ground Elevation: 1339

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 430

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: 21-37734
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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: CHICKASHA

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: CHICKASHA

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

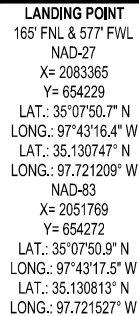
Section: 3	Township: 7N	Range: 5W	Meridian: IM	Total Length: 10236
	County: GRADY			Measured Total Depth: 21602
Spot Location of End Point: SE	SW	SW	SW	True Vertical Depth: 11074
Feet From: SOUTH		1/4 Section Line: 85		End Point Location from
Feet From: WEST		1/4 Section Line: 577		Lease, Unit, or Property Line: 85

NOTES:

Category	Description
DEEP SURFACE CASING	[5/12/2022 - GC2] - 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>[5/12/2022 - 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 6000NH 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>
INCREASED DENSITY - 717103	<p>[5/16/2022 - G56] - (I.O.) 3-7N-5W X670375 WDFD 4 WELLS OVINTIV MID CON INC (MERGED IN ITS ENTIRETY WITH OVINTIV USA INC) 2/26/2021</p>
INCREASED DENSITY - 717160	<p>[5/16/2022 - G56] - (I.O.) 34-8N-5W X634535 WDFD 4 WELLS OVINTIV MID CON INC (MERGED IN ITS ENTIRETY WITH OVINTIV USA INC) 3/4/2021</p>
INCREASED DENSITY - 722558	[5/16/2022 - G56] - EXT OF TIME FOR ORDER # 717103
INCREASED DENSITY - 722560	[5/16/2022 - G56] - EXT OF TIME FOR ORDER # 717160
LOCATION EXCEPTION - 716999	<p>[5/16/2022 - G56] - (I.O.) 3-7N-5W & 34-8N-5W X670375 MSSP, WDFD 3-7N-5W X634535 MSSP, WDFD 34-8N-5W COMPL INT (34-8N-5W) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL COMPL INT (3-7N-5W) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL OVINTIV MID-CON INC (MERGED IN ITS'S ENTIRETY WITH OVINTIV USA INC) 2/23/2021</p>
LOCATION EXCEPTION - 722562	[5/16/2022 - G56] - EXT OF TIME FOR ORDER # 716999
MEMO	[5/12/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 634535	<p>[5/16/2022 - G56] - (640)(HOR) 34-8N-5W EST MSSP, WDFD, OTHER COMPL INT (MSSP) NLT 660' FB COMPL INT (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL (COEXIST WITH SP # 261471 MSSLM)</p>
SPACING - 670375	<p>[5/16/2022 - G56] - (640)(HOR) 3-7N-5W VAC 236078 MSSLM EXT 634535 MSSP, WDFD COMPL INT (MSSP) NCT 660' FB COMPL INT (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL</p>
SPACING - 716998	<p>[5/16/2022 - G56] - (I.O.) 3-7N-5W & 34-8N-5W EST MULTIUNIT HORIZONTAL WELL X670375 MSSP, WDFD 3-7N-5W X634535 MSSP, WDFD 34-8N-5W 50% 34-8N-5W 50% 3-7N-5W OVINTIV MID-CON INC (MERGED IN ITS'S ENTIRETY WITH OVINTIV USA INC) 2/23/2021</p>

LEGEND

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



NAD-27
X= 2088093.7
Y= 643841.13
NAD-83
X= 2056496.8
Y= 643883.48

BOTTOM HOLE
85' FSL & 577' FWL
NAD-27
X= 2083379
Y= 643913
LAT.: 35°06'08.7" N
LONG.: 97°43'16.5" W
LAT.: 35.102404° N
LONG.: 97.721258° W
NAD-83
X= 2051783
Y= 643956
LAT.: 35°06'08.9" N
LONG.: 97°43'17.7" W
LAT.: 35.102470° N
LONG.: 97.721575° W

NAD-27
X= 2085448.43
Y= 643835.12
NAD-83
X= 2053851.55
Y= 643877.45

LAST TAKE POINT
 $S 00^{\circ}03'56'' W$
 80.00'

Thomas L. Howell

LEASE NAME & WELL NO. DAVIS 0805 2HW-34X

SECTION 27 TWP 8N RGE 5W MERIDIAN I.M.

DESCRIPTION	151' FSL & 2594' FWL
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NEIL KATZING, OREGON - 6, 278, 34, 4, 45

AS SHOWN HEREON ARE GRID OKLAHOMA COORDINATE SYSTEM OF 1983 NORTH ZONE ACCORDING TO THE RESULT OF OBSERVATION PROCESSED THROUGH OPUS ON THE CONTROL POINT OCCUPIED WHILE MEASURING SAID LINES. OPUS

COORDINATE SYSTEM OF 1927 AND NATIONAL GEOGRAPHIC VERTICAL DATUM OF 1929 INFORMATION CONVERTED FROM

IN IS MADE ONLY TO THE LOCATION OF THIS EASEMENT/LOCATION, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD

SEASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHIN ADJOINING THIS EASEMENT/LOCATION, HAVE D AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE. THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES

IT, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR AS SHOWN AND ARE NOT SURVEYED

NOT FOR CONSTRUCTION PURPOSES ONLY

EAH	05/06/2022
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JS	05/17/2022
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	1980	1985	1990	1995	2000	2005	2010	2015	2020
Population	76.0	80.0	84.0	88.0	92.0	96.0	100.0	104.0	108.0
GDP	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Government expenditure	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Private consumption	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Investment	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Savings	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Exports	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Imports	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0

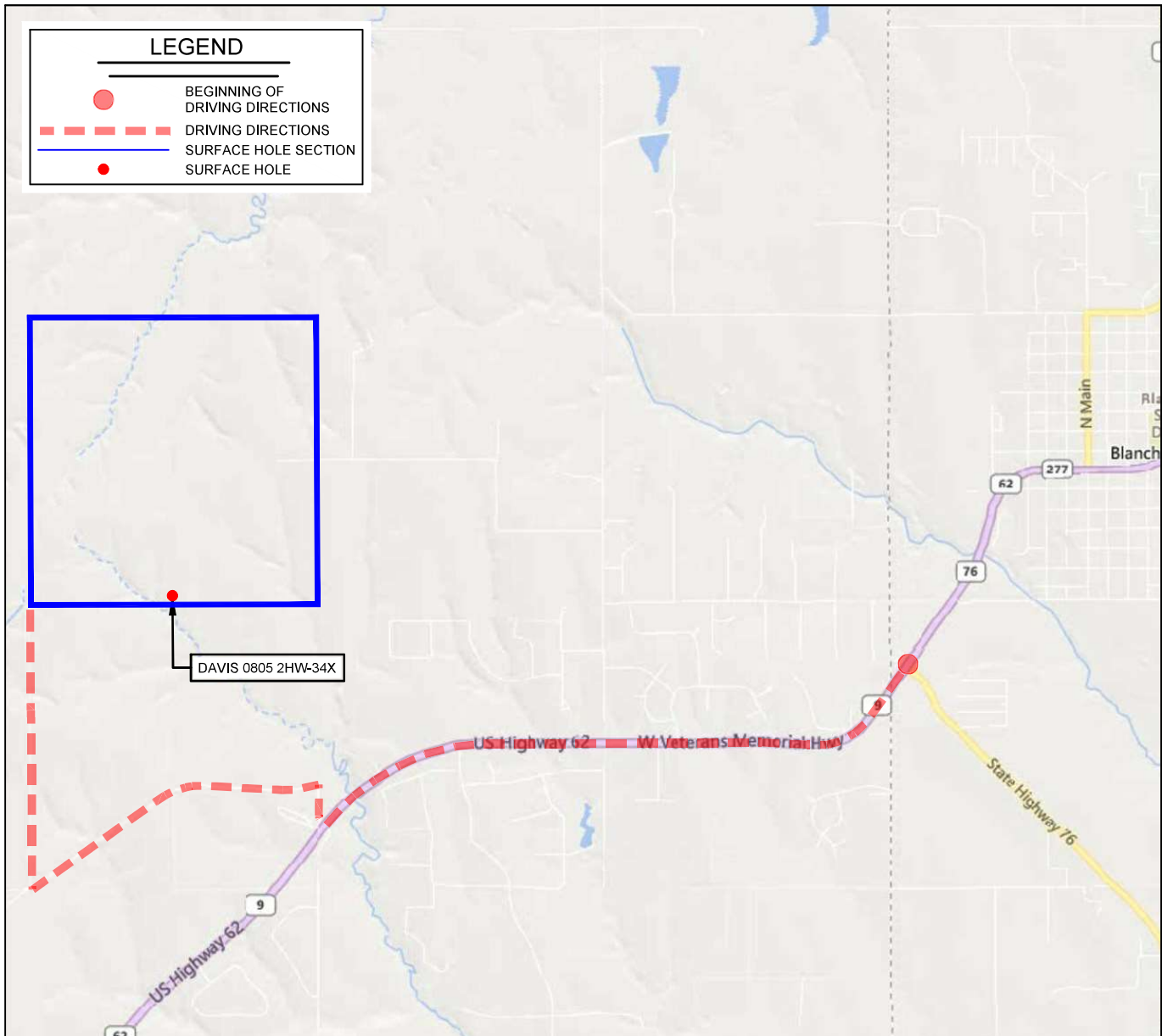
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1. ORIGINAL DOCUMENT SIZE: 8.5" X 14"
2. ALL BEARINGS SHOWN HEREON ARE GRID OKLAHOMA COORDINATE SYSTEM OF 1983 NORTH ZONE ACCORDING TO THE RESULT OF STATE DEPARTMENT OF COMMERCE CONTROLLED THROUGH OPUS ON THE CONTROL POINT OCCURRED WHILE MEASURING GRID LINES. 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 PROVIDED DURING A FIELD SURVEY, THERE MAY BE OTHER EASEMENTS OR ENCUMBRANCES NOT REVEALED BY QUANTITY MEASUREMENT, BUT ONLY UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS 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 THAT ARE INVOLVED IN THIS TRANSACTION.
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. DAVIS 0805 2HW-34X

SECTION 27 TWP 8N RGE 5W MERIDIAN I.M.

COUNTY GRADY STATE OKLAHOMA

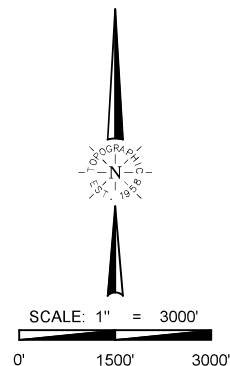
DESCRIPTION 151' FSL & 2594' FWL

DISTANCE & DIRECTION

FROM THE INTERSECTION OF US-62 & OK-76 GO ± 2.2 MI. WEST
ON US-62, THEN ± 0.15 MI. NORTH ON COUNTY ROAD 2970,
THEN ± 1.1 MI. WEST THEN SOUTHWEST ON OLD HWY. 62,
THEN ± 1.0 MI. NORTH ON N2960 RD. TO THE SOUTHWEST
CORNER OF SECTION 27-T8N-R5W.

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.



TOPOGRAPHIC
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