

API NUMBER: 051 24780

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

Approval Date: 04/17/2020

Expiration Date: 10/17/2021

Horizontal Hole Oil & Gas

## PERMIT TO DRILL

WELL LOCATION: Section: 01 Township: 3N Range: 5W County: GRADY

SPOT LOCATION: ☐ NE ☐ SE ☐ SE ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 340 2415

Lease Name: BILLY Well No: 0305 3H-12 Well will be 340 feet from nearest unit or lease boundary.

Operator Name: OVINTIV MID-CONTINENT INC. Telephone: 2812105100; 9188781290; OTC/OCC Number: 20944 0

OVINTIV MID-CONTINENT INC.  
4 WATERWAY AVE STE 100  
THE WOODLANDS, TX 77380-2764

ODELL F. PARKER AND GLENDA N. PARKER  
44010 COUNTY ST 2980  
LINDSAY OK 73052

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

Name	Code	Depth
1 SPRINGER	401SPRG	13070

Spacing Orders: 185087  
185688

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: 202000607  
202000608  
202000610

Special Orders: No Special Orders

Total Depth: 18857 Ground Elevation: 1161

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 450

Deep surface casing has been approved

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

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 20-37340  
E. Haul to Commercial pit facility: Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498

### 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.

**HORIZONTAL HOLE 1**

Section: 12	Township: 3N	Range: 5W	Total Length: 4952
County: GRADY			Measured Total Depth: 18857
Spot Location of End Point: SW	SW	SE	SE
Feet From: <b>SOUTH</b>	1/4 Section Line: 85		True Vertical Depth: 13207
Feet From: <b>EAST</b>	1/4 Section Line: 1025		End Point Location from Lease, Unit, or Property Line: 85

**NOTES:**

Category	Description
DEEP SURFACE CASING	4/2/2020 - G71 - 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	4/2/2020 - G71 - OCC 165:10-3-10 REQUIRES:  1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;  2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a> ; AND,  3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a>
MEMO	4/2/2020 - G71 - PIT 1 & 2 - CLOSED SYSTEM = STEEL PITS PER OPERATOR REQUEST, WBM/CUTTINGS & OBM CUTTINGS CAPTURED IN STEEL HALF PITS, WBM/CUTTINGS WILL BE SOIL FARMED, OBM CUTTINGS TRANSFERRED TO R360 587498 (31-12N-8W), CANADIAN CO, PIT 2 - OBM TO VENDOR
PENDING CD – 202000607	4/17/2020 - GB6 - (I.O.) 12-3N-5W X185087/185688 SPRG 3 WELLS NO OP. NAMED REC. 03/31/2020 (P. PORTER)
PENDING CD – 202000608	4/17/2020 - GB6 - (I.O.) 12-3N-5W X185087/185688 SPRG TARGETED RESERVOIR IS RECOGNIZED LOWER SHALE MEMBER OF THE SPRINGER COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 660' FEL NO OP. NAMED REC. 03/31/2020 (P. PORTER)
PENDING CD – 202000610	4/17/2020 - GB6 - (I.O.) 12-3N-5W X165:10-3-28(C)(2)(B) SPRG (BILLY 0305 3H-12) MAY BE CLOSER THAN 600' TO BILLY 1H-12 (API # 3505123955) AND/OR PROPOSED WELLS OVINTIV MID-CONTINENT INC. REC. 03/31/2020 (P. PORTER)
SPACING – 185087	4/17/2020 - GB6 - (640) 12-3N-5W EXT OTHER EST SPRG, OTHERS
SPACING – 185688	4/17/2020 - GB6 - NPT 185087 TO CORRECT DESCRIBED COUNTY FROM MCCLAIN TO GRADY COUNTY, OKLAHOMA

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.

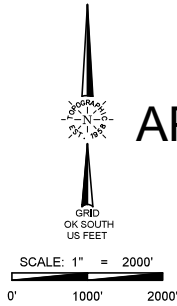
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

051 24780 BILLY 0305 3H-12

BILLY 0305 3H-12  
OVINTIV MID-CONTINENT  
SECTION 1, TOWNSHIP 3-N, RANGE 5-W I.M.  
GRADY COUNTY, OKLAHOMA

## LEGEND

-  MERIDIAN/SECTION LINE  
 QUARTER SECTION LINE  
 SIXTEENTH SECTION LINE  
 PROPOSED WELL BORE  
 ROADWAY



SURFACE LOCATION  
340' FSL & 2415' FWL  
NAD-27  
X =2096844  
Y =517468  
LAT.: N 34°45'17.5"  
LONG.: W 97°40'39.3"  
LAT.: N 34.754869  
LONG.: W 97.677596  
NAD-83  
X =2065248  
Y =517511  
LAT.: N 34°45'17.8"  
LONG.: W 97°40'40.5"  
LAT.: N 34.754944  
LONG.: W 97.677906

NAD-27  
X 2094426.77  
Y 522411.26  
NAD-83  
X 2062831.12  
Y 522453.19

NAD-27	X 2097068.84	Y 522413.96
NAD-83	X 2065473.20	Y 522455.92

NAD-27  
X 2099710.8  
Y 522416.70  
NAD-83  
X 2068115.2  
Y 522458.69

NAD-27  
X 2094427.87  
Y 519766.95  
NAD-83  
X 2062832.25  
Y 519808.87

NAD-27	X 2094428.86	Y 517122.42
NAD-83	X 2062833.27	Y 517164.33

NAD-27  
X 2094430.76  
Y 514481.73  
NAD-83  
X 2062835.19  
Y 514523.65

LAST TAKE POINT  
165' FSL & 1025' FEL  
NAD-27  
X = 2098691  
Y = 512016  
LAT.: N 34°44'23.5"  
LONG.: W 97°40'17.4"  
LAT.: N 34.739870  
LONG.: W 97.671506  
NAD-83  
X = 2067095  
Y = 512058  
LAT.: N 34°44'23.8"  
LONG.: W 97°40'18.5"  
LAT.: N 34.739946  
LONG.: W 97.671816

NAD-27  
X 2094432.73  
Y 511841.27  
NAD-83  
X 2062837.18  
Y 511883.19

NAD-27  
X 2097099.36  
Y 511847.33  
NAD-83  
X 2065503.81  
Y 511889.28

NAD-27  
X 2099712.78  
Y 519776.24  
NAD-83  
X 2068117.17  
Y 519818.22

NAD-27	X 2099714.85	Y 517135.65
NAD-83	X 2068119.27	Y 517177.63

NAD-27  
X 2099714.08  
Y 514496.04  
NAD-83  
X 2068118.52  
Y 514538.02

NAD-27  
X 2099716.11  
Y 511853.35  
NAD-83  
X 2068120.57  
Y 511895.33

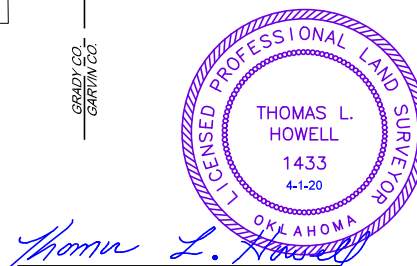
LANDING POINT  
165' FNL & 1025' FEL  
NAD-27  
X =2098690  
Y =516968  
LAT.: N 34°45'12.5"  
LONG.: W 97°40'17.2"  
LAT.: N 34.753478  
LONG.: W 97.671456  
NAD-83  
X =2067094  
Y =517010  
LAT.: N 34°45'12.8"  
LONG.: W 97°40'18.4"  
LAT.: N 34.753553  
LONG.: W 97.671766

BOTTOM HOLE  
85' FSL & 1025' FEL  
NAD-27  
X = 2098691  
Y = 511936  
LAT.: N 34°44'22.7"  
LONG.: W 97°40'17.4"  
LAT.: N 34.739650  
LONG.: W 97.671506  
NAD-83  
X = 2067096  
Y = 511978  
LAT.: N 34°44'23.0"  
LONG.: W 97°40'18.5"  
LAT.: N 36.739726  
LONG.: W 97.671816

I, THOMAS L. HOWELL, AN OKLAHOMA LICENSED LAND SURVEYOR AND AN AUTHORIZED AGENT OF TOPOGRAPHIC LAND SURVEYORS, DO HEREBY CERTIFY TO THE INFORMATION SHOWN HEREIN.



**ELEVATION:**  
1161' Gr. at Stake (NGVD29)  
1161' Gr. at Stake (NAVD88)



Thomas L. Howell, P.L.S. No. 1433  
Authorized Agent of Topographic Land Surveyors



LEASE NAME & WELL NO.: BILLY 0305 3H-12

SECTION 1 TWP 3-N RGE 5-W MERIDIAN 1-M  
COUNTY GRADY STATE OKLAHOMA  
DESCRIPTION 340' FSL & 2415' FWL

BILLY 0305 3H-12		REVISION:		NOTES:  1. ORIGINAL DOCUMENT SIZE: 8.5" X 14" 2. ALL BEARINGS SHOWN HEREON ARE GRID ACCORDING TO THE RESULTS OF STATIC GPS OBSERVATIONS PROCESSED THROUGH OPUS DATA TO THE CONTROL POINT LOCATED AT THE MEASURING SAND LINES, OPUS RESULTS ARE CORRELATED TO OKLAHOMA, SOUTH ZONE, NAD 83 - HORIZONTAL, AND NAVD 88 - VERTICAL. 3. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT/LOCATION, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY OVINTV MID-CONTINENT, 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 AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY. 4. LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR AS SHOWN AND ARE NOT SURVEYED LOCATIONS. 5. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY
		INT	DATE	
		DM	04/01/20	
DATE: 03/23/20				
FILE:1Q_BILLY_0305 3H-12_WEST_PAD_REV1				
DRAWN BY: KEU				
SHEET : 1 OF 2				