

API NUMBER: 073 26718

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

Approval Date: 11/10/2020

Expiration Date: 05/10/2022

Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 34 Township: 16N Range: 7W County: KINGFISHER

SPOT LOCATION: ☐ NE ☐ SW ☐ NW ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 1720 2275

Lease Name: POST BROTHERS 1607

Well No: 3H-27X

Well will be 1720 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

JUSTIN R. POST, ROGER E. POST AND SUSAN BETH POST

20138 E 810 ROAD

KINGFISHER OK 73750

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

Name	Code	Depth
1 MISSISSIPPIAN (LESS CHESTER)	359MSNLC	7695

Spacing Orders: 639912

695343

709589

Location Exception Orders: 695348

695750

709590

709599

Increased Density Orders: 692436

692437

709584

709583

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special Orders

Total Depth: 17928

Ground Elevation: 1075

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 250

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: 20-37445

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: BISON

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: BISON

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: 27	Township: 16N	Range: 7W	Meridian: IM	Total Length: 9080
County: KINGFISHER				Measured Total Depth: 17928
Spot Location of End Point: NE	NW	NW	NE	True Vertical Depth: 7865
Feet From: NORTH	1/4 Section Line: 85		End Point Location from	
Feet From: EAST	1/4 Section Line: 2304		Lease, Unit, or Property Line: 85	

NOTES:

Category	Description
EXCEPTION TO RULE - 695348	11/9/2020 - G56 - (I.O.) 27 & 34-16N-7W X165:10-3-28(C)(2)(B) MSNLC (POST BROTHERS 1607 3H-27X) MAY BE CLOSER THAN 600' TO POST BROTHERS 1H-27X, OWEN 1-27, POST 1, ALMA 1 AND/OR PROPOSED WELLS NO OP NAMED 4/30/2019
EXCEPTION TO RULE - 709599	11/9/2020 - G56 - EXTENSION OF TIME FOR ORDER # 695348
HYDRAULIC FRACTURING	[10/29/2020 - GC2] - OCC 165:10-3-10 REQUIRES: 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; 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: OCCEWEB.COM/OG/OGFORMS.HTML; AND, 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
INCREASED DENSITY - 692436	11/9/2020 - G56 - 27-16N-7W X639912 MSNLC 7 WELLS NEWFIELD EXPLORATION MID-CON. INC. (BOUGHT IN ITS ENTIRETY BY OVINTIV MID-CON. INC.) 3/5/2019
INCREASED DENSITY - 692437	11/9/2020 - G56 - 34-16N-7W X639912 MSNLC 7 WELLS NEWFIELD EXPLORATION MID-CON. INC. (BOUGHT IN ITS ENTIRETY BY OVINTIV MID-CON. INC.) 3/5/2019
INCREASED DENSITY - 709583	11/9/2020 - G56 - EXTENSION OF TIME FOR ORDER # 692436
INCREASED DENSITY - 709584	11/9/2020 - G56 - EXTENSION OF TIME FOR ORDER # 692437
LOCATION EXCEPTION - 695750	11/9/2020 - G56 - (I.O.) 27 & 34-16N-7W X639912 MSNLC COMPL INT (27-16N-7W) NCT 165' FNL, NCT 0' FSL, NCT 1980' FEL COMPL INT (34-16N-7W) NCT 0' FNL, NCT 165' FSL, NCT 1980' FEL NEWFIELD EXPLORATION MID-CON. INC. (BOUGHT IN ITS ENTIRETY BY OVINTIV MID-CON. INC.) 5/7/2019
LOCATION EXCEPTION - 709590	11/9/2020 - G56 - EXTENSION OF TIME FOR ORDER # 695750
MEMO	[10/29/2020 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 639912	11/9/2020 - G56 - (640)(HOR) 27 & 34-16N-7W EXT OTHER EST MSNLC COMPL INT NLT 660' FB (COEXIST SP. ORDER # 84760 MSSLM 27-16N-7W; ORDER # 181189 MSSLM 34-16N-7W)

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.

SPACING - 695343	11/9/2020 - G56 - (I.O.) 27 & 34-16N-7W EST MULTIUNIT HORIZONTAL WELL X639912 MSNLC 50% 34-16N-7W 50% 27-16N-7W NEWFIELD EXPLORATION MID-CON. INC. (BOUGHT IN ITS ENTIRETY BY OVINTIV MID-CON. INC.) 4/30/2019
SPACING - 709589	11/9/2020 - G56 - EXTENSION OF TIME FOR ORDER # 695343

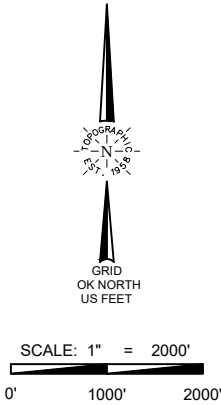
This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation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

073 26718 POST BROTHERS 1607 3H-27X

WELL LOCATION
POST BROTHERS 1607 3H-27X
OVINTIV MID-CONTINENT INC.
SECTION 34, TOWNSHIP 16N, RANGE 7W, I.M.
KINGFISHER COUNTY, OKLAHOMA

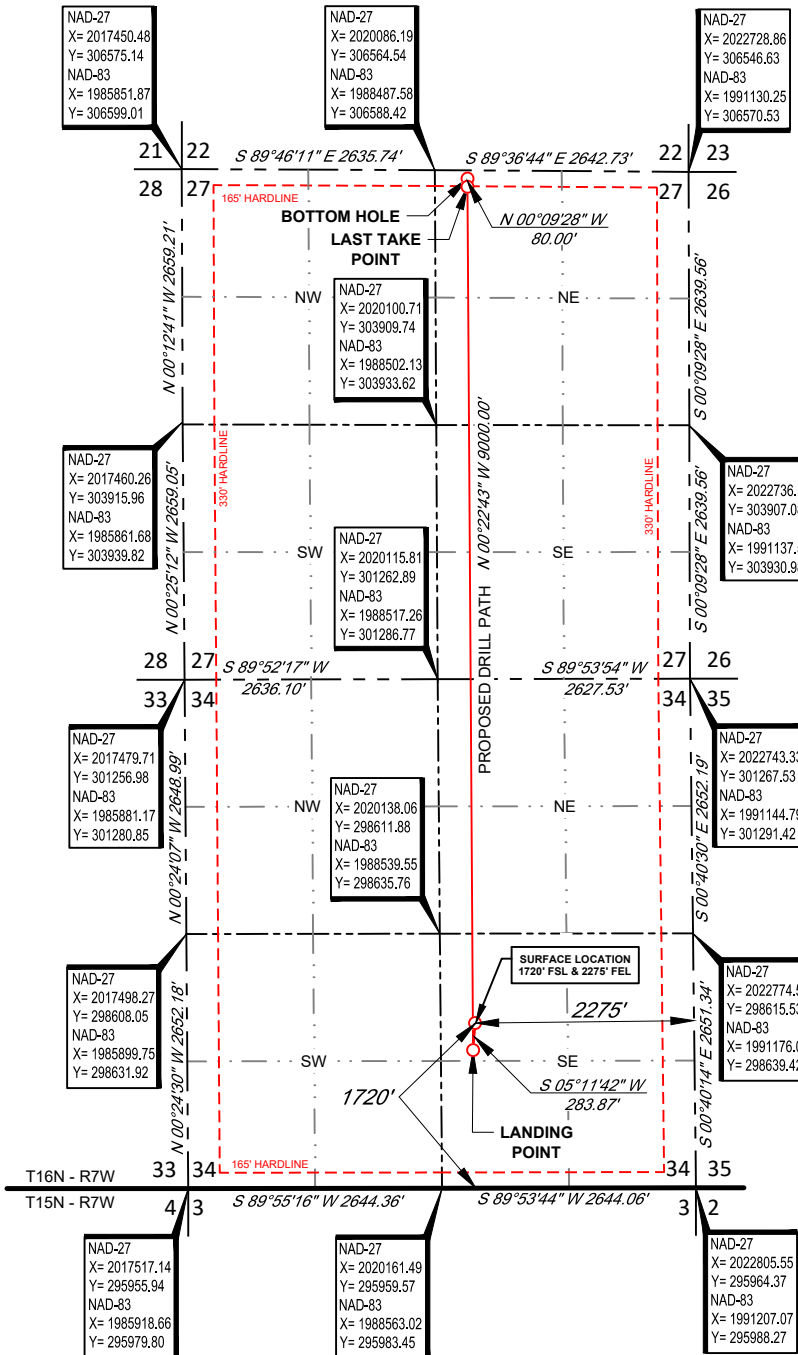
LEGEND

--- SECTION LINE
--- RANGE LINE
--- QUARTER SECTION LINE
--- 16TH LINE
--- PROPOSED WELL BORE



LAST TAKE POINT
165' FNL & 2304' FEL
NAD-27
X= 2020425
Y= 306397
LAT.: 35°50'30.2" N
LONG.: 97°55'51.9" W
LAT.: 35.841714° N
LONG.: 97.931088° W
NAD-83
X= 1988827
Y= 306421
LAT.: 35°50'30.3" N
LONG.: 97°55'53.1" W
LAT.: 35.841757° N
LONG.: 97.931419° W

SURFACE LOCATION
1720' FSL & 2275' FEL
NAD-27
X= 2020510
Y= 297680
LAT.: 35°49'04.0" N
LONG.: 97°55'51.0" W
LAT.: 35.817766° N
LONG.: 97.930822° W
ELEV: 1075' (NGVD29)
NAD-83
X= 1988912
Y= 297704
LAT.: 35°49'04.1" N
LONG.: 97°55'52.1" W
LAT.: 35.817810° N
LONG.: 97.931153° W
ELEV: 1075' (NAVD88)



BOTTOM HOLE
85' FNL & 2304' FEL
NAD-27
X= 2020425
Y= 306477
LAT.: 35°50'31.0" N
LONG.: 97°55'51.9" W
LAT.: 35.841934° N
LONG.: 97.931089° W
NAD-83
X= 1988826
Y= 306501
LAT.: 35°50'31.1" N
LONG.: 97°55'53.1" W
LAT.: 35.841977° N
LONG.: 97.931420° W

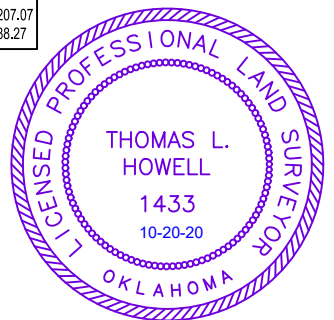
LANDING POINT
1437' FSL & 2304' FEL
NAD-27
X= 2020485
Y= 297397
LAT.: 35°49'01.2" N
LONG.: 97°55'51.3" W
LAT.: 35.816989° N
LONG.: 97.930910° W
NAD-83
X= 1988886
Y= 297421
LAT.: 35°49'01.3" N
LONG.: 97°55'52.5" W
LAT.: 35.817033° N
LONG.: 97.931240° W

SURVEYOR'S CERTIFICATE:

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.



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



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

LEASE NAME & WELL NO. POST BROTHERS 1607 3H-27X
SECTION 34 TWP 16N RGE 7W, MERIDIAN I.M.
COUNTY KINGFISHER STATE OKLAHOMA
DESCRIPTION 1720' FSL & 2275' FEL

POST BROTHERS 1607 3H-27X	REVISION:	
	INT	DATE
DATE: 10/20/2020		
FILE:LO_POST_BROTHERS_1607_3H-27X		
DRAWN BY: KEU		
SHEET: 1 OF 1		

- 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 ON THE CONTROL POINT OCCUPIED WHILE MEASURING SAID LINES. OPUS RESULTS ARE CORRELATED TO OKLAHOMA COORDINATE SYSTEM OF 1983, NORTH ZONE, AND THE NORTH AMERICAN VERTICAL DATUM OF 1988.
 3. OKLAHOMA COORDINATE SYSTEM OF 1927 AND NATHIONAL 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, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY OVINTIV MID-CONTINENT INC. 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.
 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

C:\SURVEY\OVINTIV\POST_BROTHERS_1607_EAST_PAD\FINAL_PRODUCT\LO_POST_BROTHERS_1607_3H-27X.DWG 10/21/2020 3:37:19 PM tyler rogers

