

API NUMBER: 087 22294

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

Approval Date: 03/06/2020
Expiration Date: 09/06/2021

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 27 Township: 6N Range: 4W County: MCCLAIN

SPOT LOCATION: ☐ NW ☐ SE ☐ SW ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 375 700

Lease Name: INCE Well No: 0604 4HM-22X Well will be 375 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

T.L. AND DANA HARTLEY
4716 N MCMILLAN AVE
BETHANY OK 73008

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	10692
2	WOODFORD	319WDFD	10932

Spacing Orders: 626773

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: 202000268

202000270

202000276

202000277

202000280

Special Orders: No Special Orders

Total Depth: 21326

Ground Elevation: 1175

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 360

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: 20-37297
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.

MULTI UNIT HOLE 1				
Section: 22	Township: 6N	Range: 4W	Total Length: 10254	
County: MCCLAIN			Measured Total Depth: 21326	
Spot Location of End Point: NW	NW	NE	NW	True Vertical Depth: 10932
Feet From: NORTH	1/4 Section Line: 85		End Point Location from	
Feet From: WEST	1/4 Section Line: 1450		Lease, Unit, or Property Line: 85	

NOTES:	
Category	Description
DEEP SURFACE CASING	2/28/2020 - 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	2/28/2020 - 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: OCCWEB.COM/OG/OGFORMS.HTML ; 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: FRACFOCUS.ORG
MEMO	2/28/2020 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 1 - WBM/CUTTINGS WILL BE SOIL FARMED & PIT 2 - OBM CUTTINGS TO BE HAUL TO R360/J SCOTT (587498) IN CANADIAN COUNTY - OBM TO VENDOR
PENDING CD – 202000268	3/6/2020 - GB6 - (I.O.) 22-6N-4W X626773 MSSP 1 WELL NO OP. NAMED REC. 02/25/2020 (NORRIS)
PENDING CD – 202000270	3/6/2020 - GB6 - (I.O.) 27-6N-4W X626773 MSSP 1 WELL NO OP. NAMED REC. 02/25/2020 (NORRIS)
PENDING CD – 202000276	3/6/2020 - GB6 - (I.O.) 22 & 27 -6N-4W EST MULTIUNIT HORIZONTAL WELL X626773 MSSP, WDFD (WDFD IS ADJACENT COMMON SOURCE OF SUPPLY TO MSSP) 50% 22-6N-4W 50% 27-6N-4W NO OP. NAMED REC. 02/25/2020 (NORRIS)
PENDING CD – 202000277	3/6/2020 - GB6 - (I.O.) 22 & 27 -6N-4W X626773 MSSP, WDFD COMPL. INT. (27-6N-4W) NCT 165' FSL, NCT 0' FNL, NCT 990' FWL COMPL. INT. (22-6N-4W) NCT 0' FSL, NCT 165' FNL, NCT 990' FWL NO OP. NAMED REC. 02/25/2020 (NORRIS)
PENDING CD – 202000280	3/6/2020 - GB6 - (I.O.) 22 & 27 -6N-4W X165:10-3-28(C)(2)(B) MSSP, WDFD (INCE 4HM-22X) MAY BE CLOSER THAN 600' TO INCE 1H-22X (API #087-22036) AND/OR PROPOSED WELLS OVINTIV MID-CONTINENT INC. REC. 02/25/2020 (NORRIS)
SPACING – 626773	3/6/2020 - GB6 - (640)(HOR) 22 & 27 -6N-4W VAC OTHER VAC 525649 MSSLM, CNEY, WDFD, OTHER FOR S2 SW4 22-6N-4W VAC 525650 MSSLM, CNEY, WDFD, OTHER FOR N2 27-6N-4W EST MSSP, WDFD EXT OTHER COMPL. INT. (MSSP, OTHER) NCT 660' FB COMPL. INT. (WDFD) NCT 330' FB

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Office of the Conservation Division as to when Surface Casing will be run.

087 22294 INCE 0604 4HM-22X

MCCLAIN

COUNTY, OKLAHOMA

375' FSL - 700' FWL

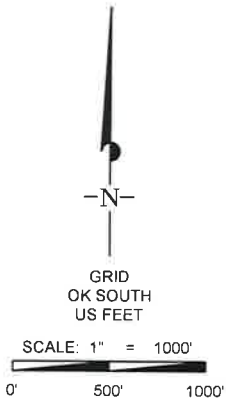
SECTION 27

TOWNSHIP 6N

RANGE 4W

I.M.

API 087-22294



NOTES:

- THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.
- ALL BEARINGS SHOWN ARE GRID, NAD-83, OKLAHOMA SOUTH.
- LANDING POINT, LAST TAKE POINT, BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY CLIENT LISTED, NOT SURVEYED.

SURFACE LOCATION

DATUM: NAD-27
LAT: 34°57'28.9" N
LONG: 97°36'54.6" W
LAT: 34.958023° N
LONG: 97.615153° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2115318
Y: 591470

DATUM: NAD-83
LAT: 34°57'29.1" N
LONG: 97°36'55.7" W
LAT: 34.958094° N
LONG: 97.615465° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2083722
Y: 591512

(This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy.)

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.

Thomas L. Howell
Oklahoma Reg. No. 1433



OPERATOR: OVINTIV MID-CONTINENT INC.

LEASE NAME: INCE 0604 WELL NO: 4HM-22X

TOPOGRAPHY & VEGETATION Location fell in terraced pasture

GOOD DRILL SITE? Yes

BEST ACCESSIBILITY TO LOCATION: From south off of road

DISTANCE & DIRECTION: From the Jct. of OK-76 & 170th St. E, go south +/- 1 mi. to Mesquite Rd, go northeast +/- 1.5 miles to SW 27-6N-4W.

REFERENCE STAKES OR ALTERNATE LOCATION
STAKES SET: None

ELEVATION:

NA Gr. at Stake (NGVD29)

NA Gr. at Stake (NAVD88)

PROJECT # 131974

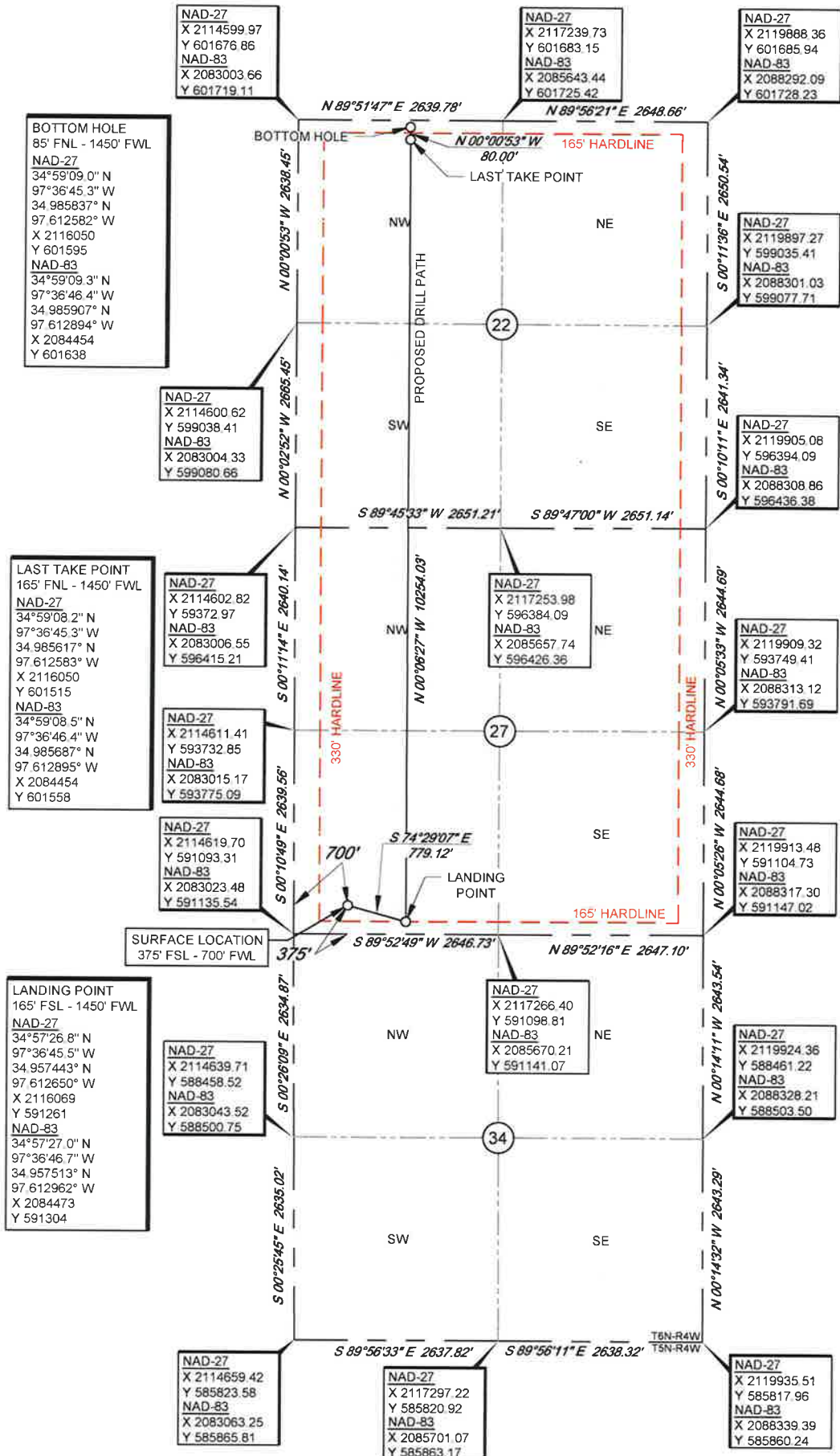
DATE OF DRAWING: FEBRUARY 24, 2020

DATE STAKED: NA

DRAWN BY: KEU

REVISION: 1

FILE NAME: LO INCE 0604 4HM-22X REV1



13800 Wireless Way, Okla. City, OK. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1292 LS

OPERATOR OVINTIV MID-CONTINENT INC.



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