

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

API NUMBER: 073 26474

Approval Date: 03/11/2019

Expiration Date: 09/11/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 35 Twp: 18N Rge: 5W

County: KINGFISHER

SPOT LOCATION: ☐ SE ☐ NE ☐ NW ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 438 1545

Lease Name: OLTMANNS 26-18-5

Well No: 1H

Well will be 438 feet from nearest unit or lease boundary.

Operator Name: CHESAPEAKE OPERATING LLC

Telephone: 4059357539; 4059358

OTC/OCC Number: 17441 0

CHESAPEAKE OPERATING LLC
PO BOX 18496
OKLAHOMA CITY, OK 73154-0496

DENNIS & ANITA BILYEU
28193 EAST 720 ROAD
CRESCENT OK 73028

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

	Name	Depth	Name	Depth
1	BIG LIME	5950	6	
2	OSWEGO	6065	7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201900549
201900550

Special Orders:

Total Depth: 11700

Ground Elevation: 1131

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 230

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

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: KINGMAN

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36309
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX 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

Sec 26 Twp 18N Rge 5W County KINGFISHER

Spot Location of End Point: W2 NE NE NW

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 2230

Depth of Deviation: 5555

Radius of Turn: 750

Direction: 345

Total Length: 4967

Measured Total Depth: 11700

True Vertical Depth: 6082

End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Category	Description
DEEP SURFACE CASING	3/4/2019 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	3/4/2019 - 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: OCCEWEB.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
PENDING CD - 201900549	3/7/2019 - G75 - (480)(HOR)(IRR UNIT) NW4 & S2 26-18N-5W EST BGLM, OSWG POE TO BHL NLT 660' FB (COEXIST SP. ORDER # 45460 OSWG NW4, S2) REC 2-25-2019 (MINMIER)
PENDING CD - 201900550	3/7/2019 - G75 - (I.O.)(IRR UNIT) NW4 & S2 26-18-5W X201900549 BGLM, OSWG COMPL. INT. NCT 330' FSL & NCT 660' FWL NW4 & S2 COMPL. INT. NCT 330' FNL & NCT 330' FEL NW4 NO OP. NAMED REC 3-11-2019 (THOMAS)

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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 26474 OLTMANNS 26-18-5 1H

CHESAPEAKE ENERGY

OPERATOR: CHESAPEAKE OPERATING, LLC

LEASE NAME: OLTMANNS 26-18-5

WELL NO. 1H

STAKED DATE: 2/21/19

GROUND ELEVATION: 1130.79 GR. AT STAKE

SURFACE HOLE FOOTAGE: 438' FNL - 1545' FEL

SECTION: 35 TOWNSHIP: 18N RANGE: 5W

KINGFISHER COUNTY, STATE: OK

BOTTOM HOLE: 26-18N-5W 1M

BOTTOM HOLE FOOTAGE: 330' FNL - 2230' FWL

WAYPOINT FOOTAGE: 2520' FSL - 2230' FWL

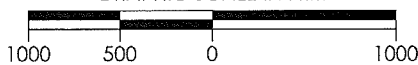
LANDING POINT FOOTAGE: 330' FSL - 1820' FEL

ACCESSIBILITY TO LOCATION: FROM NORTH LINE

TOPOGRAPHY & VEGETATION: LOCATION FELL ON THE NORTH EDGE OF A FIELD.

DISTANCE & DIRECTION FROM HWY JCT OR TOWN:
FROM THE TOWN OF DOVER, GO N. 1.25 MILES TO
E0700 RD., GO EAST 11.75 MI. PAD IS ON S. SIDE OF
ROAD.

GRAPHIC SCALE IN FEET



SURFACE HOLE DATA

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 2089215.3

Y: 363774.1

GPS DATUM: NAD27

LAT: 35.99897848

LONG: -97.69840075

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD83

X: 2057616.2

Y: 363798.3

GPS DATUM: NAD83

LAT: 35.99901952

LONG: -97.69872843

BOTTOM HOLE DATA

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 2087669.7

Y: 369172.6

GPS DATUM: NAD27

LAT: 36.01382216

LONG: -97.70357008

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD83

X: 2056070.6

Y: 369196.8

GPS DATUM: NAD83

LAT: 36.01386286

LONG: -97.70389802

WAYPOINT DATA

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 2087681.1

Y: 366727.8

GPS DATUM: NAD27

LAT: 36.00710578

LONG: -97.70355676

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD83

X: 2056082.0

Y: 366752.0

GPS DATUM: NAD83

LAT: 36.00714662

LONG: -97.70388466

LANDING POINT DATA

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 2088937.1

Y: 364541.3

GPS DATUM: NAD27

LAT: 36.0010885

LONG: -97.69933335

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD83

X: 2057338.0

Y: 364565.5

GPS DATUM: NAD83

LAT: 36.00112949

LONG: -97.69966107

PLEASE NOTE THAT THIS LOCATION WAS STAKED ON THE GROUND UNDER THE SUPERVISION OF A LICENSED PROFESSIONAL LAND SURVEYOR, BUT ACCURACY OF THIS EXHIBIT IS NOT GUARANTEED. PLEASE CONTACT CRAFTON TULL PROMPTLY IF ANY INCONSISTENCY IS DETERMINED, GPS DATA IS OBSERVED FROM RTK-GPS. NOTE: X AND Y DATA SHOWN HEREON FOR SECTION CORNERS MAY NOT HAVE BEEN SURVEYED ON THE GROUND, AND FURTHER, DOES NOT REPRESENT A TRUE BOUNDARY SURVEY. LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED.

CERTIFICATION:

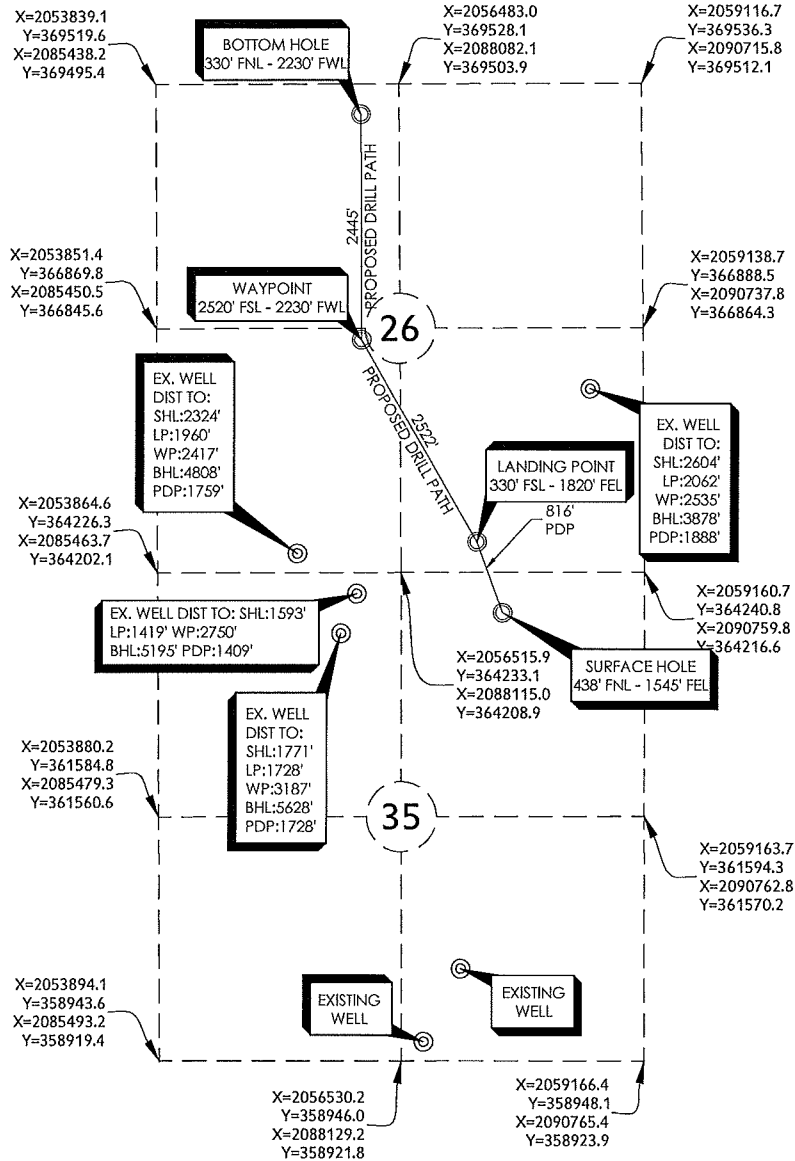
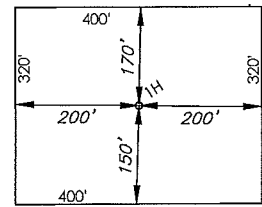
THIS IS TO CERTIFY THAT THIS WELL LOCATION EXHIBIT WAS COMPILED AND PREPARED UNDER MY SUPERVISION.

Date: 2019.02.27 13:23:56-06'00'

[Signature]
DENVER WINCHESTER PLS 1952



PAD DIAGRAM (NOT TO SCALE)



OLTMANNS 26-18-5 1H

REVISION DATE:

PART OF THE NE/4 OF
SECTION 35, 18N, 5W
WELL LOCATION EXHIBIT
KINGFISHER COUNTY, OKLAHOMA

SCALE: 1" = 1000'

PLOT DATE: 02-25-2019

DRAWING: 17601133-WELL-P
DRAWN BY: DW

SHEET NO.: 2 OF 3

300 Pointe Parkway Blvd
Yukon, OK 73099
405.787.6270 f 405.787.6276 f
www.craftontull.com



Crafton Tull
SURVEYING

CERTIFICATE OF AUTHORIZATION:
CA 973 (PE/LS) EXPIRES 6/30/2020