

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

API NUMBER: 073 26364

Approval Date: 11/28/2018

Expiration Date: 05/28/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 21 Twp: 17N Rge: 6W

County: KINGFISHER

SPOT LOCATION: ☐ SW ☐ NE ☐ NW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 440 930

Lease Name: PRICE TRUST 21-17-6

Well No: 1H

Well will be 440 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

DAVID TERRELL
12931 N. 2910 RD.
DOVER OK 73734

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

	Name	Depth	Name	Depth
1	BIG LIME	6331	6	
2	OSWEGO	6341	7	
3			8	
4			9	
5			10	

Spacing Orders: 677984

Location Exception Orders: 678519

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11500

Ground Elevation: 1010

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 90

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-35758

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 21 Twp 17N Rge 6W County KINGFISHER

Spot Location of End Point: C S2 S2 SW

Feet From: SOUTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 1320

Depth of Deviation: 6223

Radius of Turn: 477

Direction: 176

Total Length: 4528

Measured Total Depth: 11500

True Vertical Depth: 6639

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

Notes:

Category

Description

DEEP SURFACE CASING

11/8/2018 - 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

11/8/2018 - 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

LOCATION EXCEPTION - 678519

11/28/2018 - GA8 - (I.O.) 21-17N-6W
X677984 OSWG, BGLM
COMPL. INT. NCT 330' FNL, NCT 330' FSL, NCT 800' FWL
CHESAPEAKE OP., L.L.C.
5/30/2018

SPACING - 677984

11/28/2018 - GA8 - (640)(HOR) 21-17N-6W
EXT 647364 BGLM, OSWG
POE TO BHL NCT 660' FB
(COEXIST SP. ORDER # 67372 OSWG)

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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 26364 PRICE TRUST 21-17-6 1H

CHESAPEAKE ENERGY

073-26364

OPERATOR: CHESAPEAKE OPERATING, LLC
LEASE NAME: PRICE TRUST 21-17-6
WELL NO. 1H
STAKED DATE: 8/16/18

GROUND ELEVATION: 1010.23 GR. AT STAKE
SURFACE HOLE FOOTAGE: 440' FNL - 930' FWL

SECTION: 21 TOWNSHIP: T17N RANGE: R6W
KINGFISHER COUNTY, STATE: OK

BOTTOM HOLE: 21-T17N-R6W-1H
BOTTOM HOLE FOOTAGE: 330' FSL - 1320' FWL

LANDING POINT FOOTAGE: 400' FNL - 1320' FWL

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 HEAD EAST ON E-0710
3MI± TO N2890 RD, HEAD SOUTH 3.0MI± TO E0740 RD,
CONTINUE EAST 0.17MI±, PAD SITE IS SOUTH OF THE
ROAD.

GRAPHIC SCALE IN FEET



SURFACE HOLE DATA

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 2044254.6

Y: 342342.1

GPS DATUM: NAD27

LAT: 35.94038795

LONG: -97.85050528

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD83

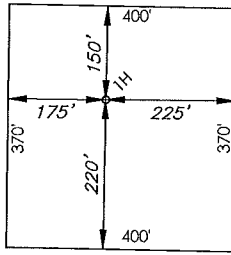
X: 2012655.6

Y: 342366.1

GPS DATUM: NAD83

LAT: 35.94042957

LONG: -97.85083611



BOTTOM HOLE DATA

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 2044638.7

Y: 337854.6

GPS DATUM: NAD27

LAT: 35.92805822

LONG: -97.84923114

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD83

X: 2013039.8

Y: 337878.6

GPS DATUM: NAD83

LAT: 35.92810017

LONG: -97.84956171

LANDING POINT DATA

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 2044644.6

Y: 342382.4

GPS DATUM: NAD27

LAT: 35.94049709

LONG: -97.84918744

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD83

X: 2013045.6

Y: 342406.4

GPS DATUM: NAD83

LAT: 35.94053871

LONG: -97.84951824

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.

2018.08.28 08:15:10-05'00'

[Signature]
DENVER WINCHESTER PLS 1952



PRICE TRUST 21-17-6 1H

REVISION DATE:

-	-
-	-
-	-
-	-

PART OF THE NW/4 OF
SECTION 21, T17N, R6W
WELL LOCATION EXHIBIT
KINGFISHER COUNTY, OKLAHOMA

SCALE: 1" = 2000'

PLOT DATE: 08-28-2018

DRAWING: 17601123-WELL-P

DRAWN BY: JJ

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