

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

API NUMBER: 073 26428

Approval Date: 01/31/2019

Expiration Date: 07/31/2020

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 15N Rge: 6W

County: KINGFISHER

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 330 415

Lease Name: SAND HILLS 25-15N-6W

Well No: 3MH

Well will be 330 feet from nearest unit or lease boundary.

Operator Name: PALOMA OPERATING CO INC

Telephone: 7136508509

OTC/OCC Number: 23932 0

PALOMA OPERATING CO INC  
1100 LOUISIANA ST STE 5100  
HOUSTON, TX 77002-5220

DEBORAH JINDRA  
16504 ARTHURS CIRCLE  
EDMOND OK 73012

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	7388	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 681164

Location Exception Orders: 684602

Increased Density Orders: 682075

Pending CD Numbers:

Special Orders:

Total Depth: 12462

Ground Elevation: 1208

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 240

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: 3000 Average: 1500

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

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

PERMIT NO: 19-36172

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 25 Twp 15N Rge 6W County KINGFISHER

Spot Location of End Point: SW SE SW SW

Feet From: SOUTH 1/4 Section Line: 65

Feet From: WEST 1/4 Section Line: 900

Depth of Deviation: 6910

Radius of Turn: 573

Direction: 175

Total Length: 4652

Measured Total Depth: 12462

True Vertical Depth: 7866

End Point Location from Lease,

Unit, or Property Line: 65

## Notes:

### Category

### Description

DEEP SURFACE CASING

1/24/2019 - 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

1/24/2019 - 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](http://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](http://FRACFOCUS.ORG)

INCREASED DENSITY - 682075

1/31/2019 - G75 - (I.O.) 25-15N-6W  
X681164 MSSP  
4 WELLS  
PALOMA OP. CO., INC.  
8-24-2018

LOCATION EXCEPTION - 684602

1/31/2019 - G75 - (I.O.) 25-15N-6W  
X681164 MSSP  
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FWL  
PALOMA OP. CO., INC.  
10-9-2018

SPACING - 681164

1/31/2019 - G75 - (640) 25-15N-6W  
EXT (VER) OTHER  
EST (HOR) MSSP  
POE TO BHL NCT 660' FB  
(COEXIST SP. ORDER # 55880/62761 MSSLM)

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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 26428 SAND HILLS 25-15N-6W 3MH

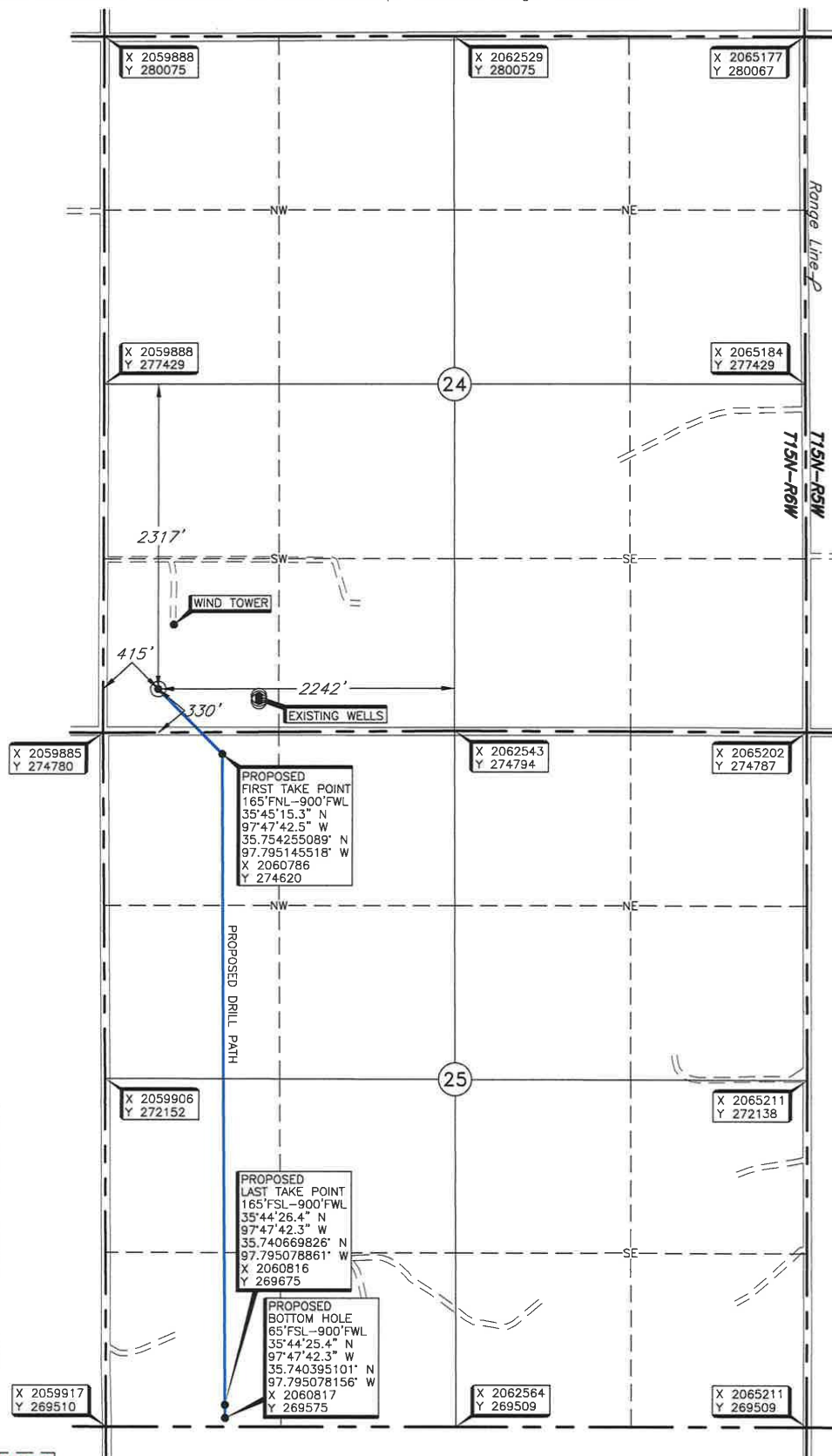
KINGFISHER

County, Oklahoma

330' FSL-415' FWL Section 24 Township 15N Range 6W I.M.



LANDING POINT, BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.



Operator: PALOMA OPERATING COMPANY, INC.  
Lease Name: SAND HILLS 25-15N-6W  
Topography & Vegetation Location fell in wheat field with terraces  
Well No.: 3MH  
ELEVATION: 1208' Gr. at Stake  
Good Drill Site? Yes  
Best Accessibility to Location From South off county road  
Distance & Direction From the junction of St. Hwy 33 & US Hwy 81 in Kingfisher, Oklahoma, go ± 7.5 miles East on St. Hwy 33, then ± 7 miles South to the Southwest Corner of Section 24, T15N-R6W.  
Reference Stakes or Alternate Location Stakes Set None

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

DATUM: NAD-27  
LAT: 35°45'20.2" N  
LONG: 97°47'48.4" W  
LAT: 35.755610170° N  
LONG: 97.796780303° W  
STATE PLANE  
COORDINATES (US FEET):  
ZONE: OK NORTH  
X: 2060300  
Y: 275112

Invoice # 311181B Date of Drawing: Jan. 10, 2019  
Date Staked: May 10, 2018 NB

CERTIFICATE:

I, Thomas L. Howell, an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.

Thomas L. Howell  
Oklahoma Lic. No. 1433

