

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

API NUMBER: 151 24553

Approval Date: 12/12/2018

Expiration Date: 06/12/2020

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 20 Twp: 29N Rge: 13W

County: WOODS

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 535 1980

Lease Name: DOUGHERTY

Well No: 6-20

Well will be 660 feet from nearest unit or lease boundary.

Operator Name: TRANS PACIFIC OIL CORPORATION

Telephone: 3162623596

OTC/OCC Number: 23435 0

TRANS PACIFIC OIL CORPORATION
100 S MAIN ST STE 200
WICHITA, KS 67202-3735

DENNIS MEYER
44866 LEFLORE ROAD
ALVA OK 73717

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

	Name	Depth		Name	Depth
1	TONKAWA	3750	6	MISENER	5325
2	KANSAS CITY	4450	7	SYLVAN DOLO	5340
3	OSWEGO	4700	8	VIOLA	5400
4	CHEROKEE GROUP	4800	9	SIMPSON GROUP	5520
5	MISSISSIPPIAN	4900	10		

Spacing Orders: 487668

Location Exception Orders:

Increased Density Orders: 685342

Pending CD Numbers: 201807099

Special Orders:

Total Depth: 5850

Ground Elevation: 1370

Surface Casing: 1000

Depth to base of Treatable Water-Bearing FM: 300

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 60000 Average: 5000

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: 1B

Liner required for Category: 1B

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. MIN. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

Notes:

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

151 24553 DOUGHERTY 6-20

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.

Category	Description
DEEP SURFACE CASING	10/24/2018 - GA8 - 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	<p>10/22/2018 - GA8 - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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,</p> <p>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</p>
INCREASED DENSITY - 685342	<p>10/29/2018 - G75 - (IRR UNIT) SE4 20, SW4 21, NW4 28 & NE4 29-29N-13W X487668 MSSP 1 WELL TRANS PACIFIC OIL CORP. 10-22-2018</p>
PENDING CD - 201807099	<p>10/29/2018 - G75 - (IRR UNIT) SE4 20, SW4 21, NW4 28 & NE4 29-29N-13W X487668 TNKW, KSSC, OSWG, CHRGP, MSSP, MSNR, SLVND, VIOL, SMPSG 2105' FNL, 660' FWL NO OP. NAMED REC 12-10-2018 (THOMAS)</p>
SPACING - 487668	<p>10/29/2018 - G75 - (640)(IRR UNIT) SE4 20, SW4 21, NW4 28 & NE4 29-29N-13W VAC 137625 TNKW, KSSC, OSWG, CHRK, MSSP, OTHERS 20-29N-13W VAC 330965 TNKW, KSSC, OSWG, CHRGP, MSSLM, MSNR, SLVND, VIOL SW4 21-29N-13W VAC 122549 TNKW, KSSC, OSWG, CHRK, MSSP 28-29N-13W VAC 346064 TNKW, KSSC, OSWG, CHRK, CSTR, MSSLM, MSNR, SLVND, VIOL, NE4 29-29N-13W EST TNKW, KSSC, OSWG, CHRGP, MSSP, MSNR, SLVND, VIOL, SMPSG, OTHERS EST (480) OTHERS</p>

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151 24553 DOUGHERTY 6-20

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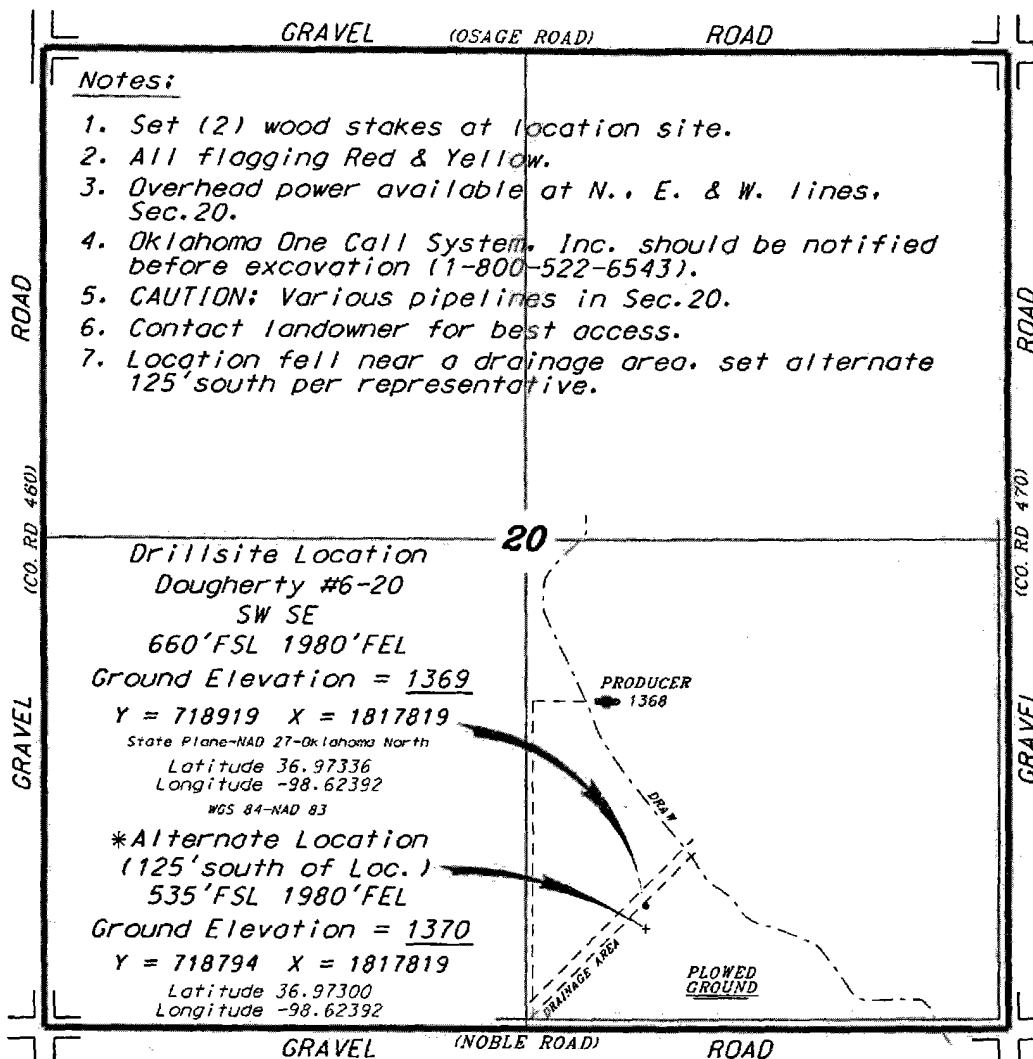
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

API 151-24553

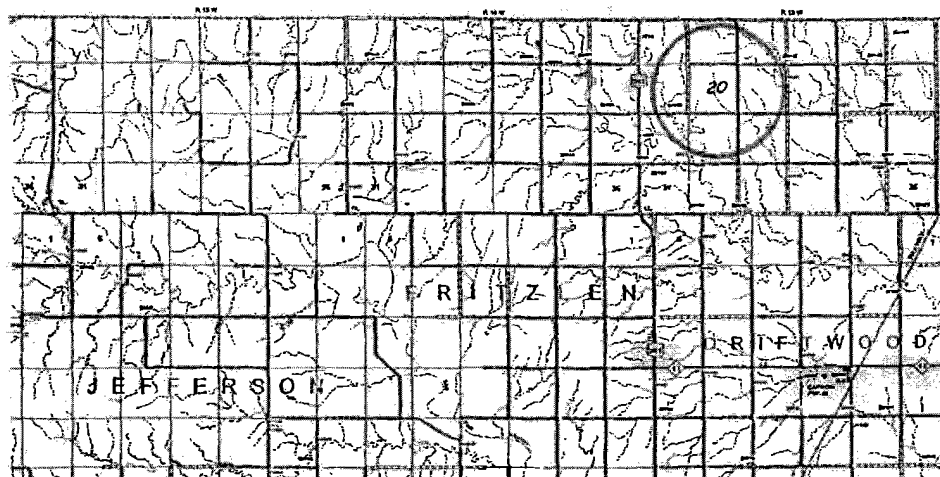
TRANS PACIFIC OIL CORPORATION
DOUGHERTY LEASE
SE. 1/4, SECTION 20, T29N, R13W
WOODS COUNTY, OKLAHOMA

Driving Directions:
From the intersection of Highway 281 and the Barber County, Kansas and Woods County, Oklahoma state line (1 mile south of Hardtner, Kansas) go 1.88 miles South on Highway 281, then go 1.0 miles East to the SW corner of Section 20, then go 0.62 miles East, then go 0.12 miles North to location.

* Ingress and egress to location as shown on this plat is per usage only and may not be legally opened for public use. Contact landowner, tenant and county road department for access.



SCALE 1" = 1000'



* Controlling data is based upon the best maps and photographs available to us and upon a regular section of land containing 640 acres.

* Approximate section lines were determined using the normal standard of care of oilfield surveyors practicing in the state of Oklahoma. The section corners, which establish the precise section lines, were not necessarily located, and the exact location of the drillsite location in the section is not guaranteed. Therefore, the operator securing this service and accepting this plat and all other parties relying thereon agree to hold Central Kansas Oilfield Services, Inc., its officers and employees harmless from all losses, costs and expenses and said entities released from any liability from incidental or consequential damages.

* Elevations derived from National Geodetic Vertical Datum.

Date August 28, 2018

CENTRAL KANSAS OILFIELD SERVICES, INC. (620)792-1977