

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

API NUMBER: 123 23889

Approval Date: 03/11/2019

Expiration Date: 09/11/2020

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 5N Rge: 4E

County: PONTOTOC

SPOT LOCATION: ☐ NW ☐ SE ☐ SW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 450 1780

Lease Name: SUN KING

Well No: 1-11

Well will be 450 feet from nearest unit or lease boundary.

Operator Name: GULF EXPLORATION LLC

Telephone: 4058403371

OTC/OCC Number: 20983 0

GULF EXPLORATION LLC
9701 N BROADWAY EXT
OKLAHOMA CITY, OK 73114-6316

WHB LAND LLC
3000 NE 63RD STREET
OKLAHOMA CITY OK 73121

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

	Name	Depth		Name	Depth
1	WEWOKA UP	2300	6	VIOLA	3000
2	CALVIN	2500	7	SIMPSON DOLOMITE	3150
3	SENORA	2600	8	1ST WILCOX	3300
4	PENN BASAL UNCONF SAND	2700	9	2ND WILCOX	3400
5	HUNTON	2750	10	OIL CREEK	3700

Spacing Orders: 306701

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4000

Ground Elevation: 978

Surface Casing: 140

Depth to base of Treatable Water-Bearing FM: 90

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: 8000 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 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: VANOSS

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

PERMIT NO: 19-36264

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

Notes:

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.

123 23889 SUN KING 1-11

Category	Description
HYDRAULIC FRACTURING	<p>2/21/2019 - G71 - 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: OCCWEB.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>
SPACING - 306701	<p>3/11/2019 - G75 - (40) 11-5N-4E EST WWOKU, BPUNC, WLCX1, OLCK, OTHERS EXT 288152 CLVN, SNOR, HNTN, VIOL, SMPSD, WLCX2, OTHERS</p>