

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

API NUMBER: 125 23936

Approval Date: 04/04/2018

Expiration Date: 10/04/2018

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 15 Twp: 10N Rge: 3E

County: POTTAWATOMIE

SPOT LOCATION: C SE NW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 660 1980

Lease Name: HANKS

Well No: 2-15

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

Operator Name: K S OIL COMPANY INC

Telephone: 4056345115

OTC/OCC Number: 2739 0

K S OIL COMPANY INC
3100 S BERRY RD STE 210
NORMAN, OK 73072-7480

NORMAN HANKS
15002 COKER ROAD
SHAWNEE OK 74801

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

	Name	Depth	Name	Depth
1	SKINNER	4561	6	
2	RED FORK	4800	7	
3	BARTLESVILLE	4875	8	
4	HUNTON	5350	9	
5			10	

Spacing Orders: 323921

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 801041

Special Orders:

Total Depth: 5350

Ground Elevation: 999

Surface Casing: 710

Depth to base of Treatable Water-Bearing FM: 620

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 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: 18-34122

H. CLOSED SYSTEM=STEEL PITS REQUIRED (NORTH CANADIAN RIVER)

Notes:

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

125 23936 HANKS 2-15

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
HYDRAULIC FRACTURING	<p>4/3/2018 - 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 - 323921	<p>4/3/2018 - G58 - (40) NW4 15-10N-3E VAC OTHERS EXT 320764 SKNR, RDFK, BRVL, HNTN</p>