

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

API NUMBER: 081 24315

Approval Date: 10/17/2019

Expiration Date: 04/17/2021

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 16N Rge: 4E

County: LINCOLN

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 840 660

Lease Name: VAUGHAN-SUMMERS

Well No: 1-11

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

Operator
Name: SPESS OIL COMPANY INC

Telephone: 9183585831; 9183585

OTC/OCC Number: 2057 0

SPESS OIL COMPANY INC
200 S BROADWAY ST
CLEVELAND, OK 74020-4617

TONYA MARIE VAUGHAN & LORENE ANN SUMMERS
780301 S. 3460 ROAD
AGRA OK 73012

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

	Name	Depth	Name	Depth
1	CLEVELAND	3050	6	
2	OSWEGO	3600	7	
3	PRUE	3700	8	
4	VERDIGRIS	3750	9	
5			10	

Spacing Orders: 692201

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 3770

Ground Elevation: 1038

Surface Casing: 810

Depth to base of Treatable Water-Bearing FM: 760

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: ON SITE

A. Evaporation/dewater and backfilling of reserve pit.

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: 2

Liner not required for Category: 2

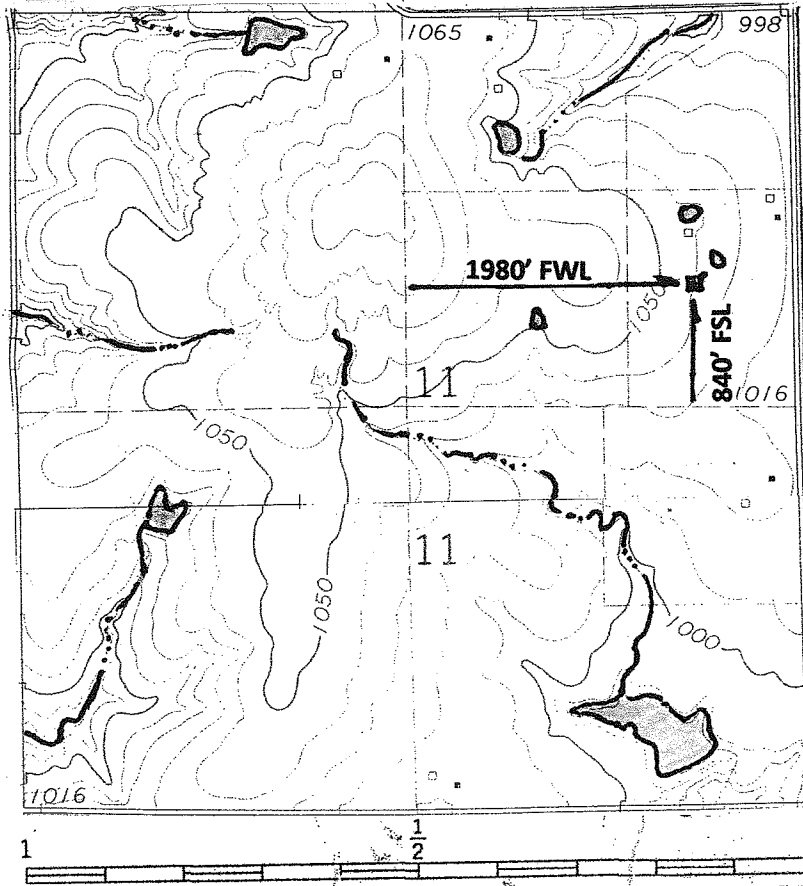
Pit Location is BED AQUIFER

Pit Location Formation: OSCAR

Notes:

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is 18 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>10/4/2019 - 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	10/16/2019 - GB6 - CLVD, VRDG UNSPACED, 160-ACRE LEASE NE4 11-16N-4E
SPACING - 692201	10/16/2019 - GB6 - (160) N2 11-16N-4E EXT 622617 OSWG, PRUE

SOUTHWESTERN RESOURCES, INCORPORATED**6234 South 73rd East Avenue, Tulsa, Oklahoma 74133****PHONE (918) 286-3601****CELL (918) 344-4991****LINCOLN****COUNTY, OKLAHOMA****840' FSL & 1980' FWL of the NE/4 SECTION 11 TOWNSHIP 16N RANGE 4E I.M.****Scale:****Date Staked: October 01, 2019.****Operator: Spess Oil Company****Elevation: 1038'****Lease Name: Vaughan-Summers****Well No: 1-11****Topography & Vegetation: Rolling Grassland****Best Accessibility to Location: From the East Line****Distance & Direction****From Hwy/Junction or Town: From the intersection of N3460 Rd & E0810 Road just east of the town of Parkland, Oklahoma, Go north 2.75 miles; then, 660' west into.****Geological Engineer: Evan L. Feamster**