

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

API NUMBER: 063 24907

Approval Date: 02/20/2020  
Expiration Date: 08/20/2021

Straight Hole Oil & Gas

**PERMIT TO DRILL**

WELL LOCATION: Section: 22 Township: 7N Range: 8E County: HUGHES

SPOT LOCATION: C NE NE SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 2310 2310

Lease Name: ROBERTS Well No: 22-1 Well will be 2310 feet from nearest unit or lease boundary.  
Operator Name: US ENERGY OPERATING LLC Telephone: 9188126169 OTC/OCC Number: 24450 0

US ENERGY OPERATING LLC  
7634 E 46TH PL  
TULSA, OK 74145-6308

LEON ARNOLD TRUSTEE OF THE LEON ARNOLD 2006 TRUST  
3377 NORTH 368 ROAD  
HOLDENVILLE OK 74848

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

	Name	Code	Depth
1	VIOLA	202VIOL	4243
2	1ST WILCOX	202WLCX1	4385

Spacing Orders: 628186

Location Exception Orders: 708398

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 4600

Ground Elevation: 909

Surface Casing: 420

Depth to base of Treatable Water-Bearing FM: 360

Under Federal Jurisdiction: No  
Fresh Water Supply Well Drilled: No  
Surface Water used to Drill: Yes

**Approved Method for disposal of Drilling Fluids:**

A. Evaporation/dewater and backfilling of reserve pit.

**PIT 1 INFORMATION**

Type of Pit System: ON SITE

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: 2

Liner not required for Category: 2

Pit Location is: BED AQUIFER

Pit Location Formation: SEMINOLE

**NOTES:**

Category	Description
FORMATION	2/20/2020 - GC2 - REMOVED CLVNU, CLVNL, BOCH, GLCR, CMWLU, CMWLL, CNEY, WDFD PER OPERATOR REQUEST
LOCATION EXCEPTION - 708398 (201905669)	2/19/2020 - GC2 - (F.O.) E2 SW4 22-7N-8E X628186 VIOL, WLCX1 330' FNL & 330' FEL U.S. ENERGY OPERATING, LLC 2-3-2020
SHL	2/20/2020 - GC2 - MOVED SHL FROM 1980' FSL, 1980' FEL TO 2310' FSL, 2310' FEL PER OPERATOR REQUEST
SPACING - 628186	2/19/2020 - GC2 - (80) W2 22-7N-8E SU EST VIOL, WLCX1, OTHERS

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.

063 24907 ROBERTS 22-1

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