

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

API NUMBER: 125 23947

Approval Date: 08/02/2019

Expiration Date: 02/02/2021

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 6N Rge: 3E

County: POTTAWATOMIE

SPOT LOCATION:  C  NE  NE

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 1980 1980

Lease Name: TROUSDALE

Well No: 1

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

Operator Name: VALLEY PETROL CONSULTING INC

Telephone: 9403870002

OTC/OCC Number: 23160 0

VALLEY PETROL CONSULTING INC  
1117 N ELM ST  
DENTON, TX 76201-2938

DOROTHY M MULDER, ET AL.  
38224 COKER ROAD  
ASHER OK 74826

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

	Name	Depth		Name	Depth
1	BELLE CITY	2650	6	WILCOX	4800
2	HOGSHOOTER	2925	7	OIL CREEK	5500
3	TRUE LAYTON	3095	8		
4	PRUE	3960	9		
5	VIOLA	4470	10		

Spacing Orders: 545034

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 5700

Ground Elevation: 1027

**Surface Casing: 530**

Depth to base of Treatable Water-Bearing FM: 480

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

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: 1B

Liner required for Category: 1B

Pit Location is BED AQUIFER

Pit Location Formation: WELLINGTON

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.

125 23947 TROUSDALE 1

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>6/26/2019 - 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: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</a>; 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: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
SPACING	8/2/2019 - G56 - FORMATION UNSPACED WLCX; 80 ACRE LEASE (E2 NE4) PER OPERATOR
SPACING - 545034	<p>8/2/2019 - G56 - (80) 9-6N-3E SU NE/SW</p> <p>VAC 227520 LYT, CLVN, VIOL, WLCX, OLCK, OTHERS</p> <p>EST BLCT, HGSR, LYTNT, PRUE, VIOL, OLCK, OTHERS</p>