

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

API NUMBER: 003 23291

Approval Date: 09/15/2017
Expiration Date: 03/15/2018

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 22 Twp: 27N Rge: 9W County: ALFALFA
SPOT LOCATION: NW NW SW SE FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 1000 165

Lease Name: CAROL Well No: 1-22 Well will be 1000 feet from nearest unit or lease boundary.

Operator Name: UNION VALLEY PETROLEUM CORP Telephone: 5802373959 OTC/OCC Number: 12075 0

UNION VALLEY PETROLEUM CORP
5302 N HIGHWAY 81
ENID, OK 73701-6932

SANDRA S LUGINBILL
1706 CHICKASAW DRIVE
ENID OK 73703

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

Name	Depth	Name	Depth
1 OSWEGO	4810	6	
2 RED FORK	5245	7	
3 MISENER	5900	8	
4 WILCOX	6025	9	
5		10	

Spacing Orders: 595691
666443

Location Exception Orders: 667180

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 6100

Ground Elevation: 1237

Surface Casing: 465

Depth to base of Treatable Water-Bearing FM: 240

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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: 25000 Average: 8000

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

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

PERMIT NO: 17-33149

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.

Category	Description
HYDRAULIC FRACTURING	<p>9/12/2017 - 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: OCCEWEB.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>
LOCATION EXCEPTION - 667180	<p>9/15/2017 - G60 - (I.O.) 22-27N-9W X595691 OSWG, RDFK X666443 MSNR, WLCX NCT 1000' FSL, NCT 2475' FEL UNION VALLEY PETROLEUM CORPORATION 8/18/17</p>
SPACING - 595691	<p>9/15/2017 - G60 - (640) 22-27N-9W EXT 303753 OSWG, RDFK, OTHERS</p>
SPACING - 666443	<p>9/15/2017 - G60 - (640) 22-27N-9W EXT 422002 MSNR EST WLCX</p>

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