API NUMBER: 151 24535

Straight Hole

Name:

Oil & Gas

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

Approval Date: 07/16/2018 01/16/2019 **Expiration Date** 

## PERMIT TO DRILL

WELL LOCATION:	Sec: 27 Twp: 29N	Rge: 17\	W County: WOO	DDS	
SPOT LOCATION:	NE SW NE	NE	FEET FROM QUARTER: FROM	NORTH FROM	EAST
			SECTION LINES:	940	770
Lease Name:	CHESTER PAUL		Well No:	27-1	
Operator	REDLAND RESOURCES	LLC		Telephone:	4057897104

OTC/OCC Number: 18774 0

770 feet from nearest unit or lease boundary.

REDLAND RESOURCES LLC 6001 NW 23RD ST

OKLAHOMA CITY.

OK 73127-1253 JOHN ALAN PRYOR LIVING TRUST 3940 GRESHAM STREET # 254

Well will be

SAN DIEGO CA 92109

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

	Name	Depth	Name	Depth
1	KAN CITY-LANSING	4500	6	
2	OSWEGO	5000	7	
3	CHEROKEE	5150	8	
4	MISSISSIPPIAN	5250	9	
5			10	
Spacing Orders	418581	Location Exception Orders:		Increased Density Orders: 679939

Pending CD Numbers: 201804352 Special Orders:

Total Depth: 5550 Ground Elevation: 1737 Surface Casing: 470 Depth to base of Treatable Water-Bearing FM: 420

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

Approved Method for disposal of Drilling Fluids: PIT 1 INFORMATION Type of Pit System: OFF SITE A. Evaporation/dewater and backfilling of reserve pit. Type of Mud System: WATER BASED

Chlorides Max: 7500 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?

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2 Pit Location is NON HSA

Pit Location Formation: BLAINE

Twn. 29N Rng. 17W Sec. 27 Cnty. 151 С SE NW NE

Off Site Pit No. 1532124

Notes:

Category Description

HYDRAULIC FRACTURING 7/13/2018 - G71 - OCC 165:10-3-10 REQUIRES:

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:

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,

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

INCREASED DENSITY - 679939 7/16/2018 - G75 - 27-29N-17W

X418581 MSSP 2 WELLS \*\*

REDLAND RESOURCES, LLC

7-3-2018

\*\* PARAGRAPH 10 OF ORDER HAS 1 WELL; NUNC PRO TUNC TO TWO WELLS HAS BEEN

PREPARED BY ATTORNEY FOR OPERATOR AND A COPY REVIEWED BY OCC

PENDING CD - 201804352 7/16/2018 - G75 - 27-29N-17W

X418581 KCLN, OSWG, CHRK, MSSP, OTHERS

940' FNL, 770' FEL

REDLAND RESOURCES, LLC REC 6-19-2018 (THOMAS)

SPACING - 418581 7/13/2018 - G75 - (640) 27-29N-17W

VAC 106362 MSSP

EXT 391562 KCLN, OSWG, CHRK, MSSP, OTHERS

SURFACE LOCATION 7/16/2018 - G75 - 940' FNL, 770' FEL NE4 27-29N-17W PER STAKING PLAT;

PHIC LAND SURVEYORS OF OKLAP A

OKLA, 73134 \* LOCAL (405) 843 - 4847 \* OUT OF ... .E (800) 654 - 3219

Certificate of Authorization No. 1293 L5 13800 WIRELESS WAY, OKLA API 151-24535 WOODS \_\_\_\_ County, Oklahoma 940'FNL-770'FEL Section 27 Township 29N Range 17W I.M. X 1698706 Y 719460 X 1701344 Y 719423 X 1**703982** Y 719386 940' 1/14 X 1**703952** Y 71677 X 1698667 Y 716819 GRID NAD-27 OK NORTH US FEET Scole: 1" = 1000' 0 1000 11 1701279 1698628 X 170392 Y 714074 1703923 THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY Operator: REDLAND RESOURCES, INC. **ELEVATION:** Lease Name: <u>CHESTER PAUL</u> Well No.: #27-1 1737' Gr. at Stake Topography & Vegetation Location fell on sloped rocky hilltop south of winding creek, Reference Stakes or Alternate Location Good Drill Site? Yes Stakes Set None From county road east of well location. Best Accessibility to Location Distance & Direction from Hwy Jct or Town From Camp Houston, OK., go east ±4.0 miles, then go north ±6.75 miles, then cast ±1.0 miles then north ±4.5 miles to the Northeast Corner of Section 27, T29N-R17W. DI OF ESSIONAL Date of Drawing: May 08, 2018 DATUM: NAD-27 Invoice # 293456 Date Staked: May. 2, 2018 JGW LAT: 36'58'09.7"N LONG: 99'00'57.1"W **CERTIFICATE:** LAT: 36.969365107'N ENSED Thomas L. Howell an Oklahoma Licensed Land LONG: 99.015864270'W Surveyor and an authorized agent of Topographic Land STATE PLANE Surveyors of Oklahoma, do hereby certify to the COORDINATES (US FEET): 1433 information shown herein. This gathered with ±1 fo ZONE: OK NORTH X: 1703202 LAHOMA 718457 Oklahoma Reg. No. <u>143</u>3

TOPOG'