API NUMBER: 043 23435 A

Horizontal Hole 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: 08/08/2017
Expiration Date: 02/08/2018

PERMIT TO RECOMPLETE

WELL LOCATION: Sec: 16 Twp: 16N Rge: 14W County: DEWEY

SPOT LOCATION: NE NW NW SW FEET FROM QUARTER: FROM **SOUTH** FROM **WEST**
SECTION LINES: **2442** **641**

Lease Name: SOUTH LITSCH **Well No: 1-16-21XH** **Well will be 641 feet from nearest unit or lease boundary.**

Operator Name: **CONTINENTAL RESOURCES INC** Telephone: 4052349020; 4052349 OTC/OCC Number: 3186 0

CONTINENTAL RESOURCES INC
PO BOX 269000
OKLAHOMA CITY, OK 73126-9000

JIMMIE LITSCH
P.O. BOX 85
FAY OK 73646

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

	Name	Depth		Name	Depth
1	MISSISSIPPIAN	12448	6		
2	WOODFORD	12839	7		
3			8		
4			9		
5			10		

Spacing Orders: 575659, 579616, 665672, 646074

Location Exception Orders: 665673

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 20050 Ground Elevation: 1765 **Surface Casing: 1484** **IP** Depth to base of Treatable Water-Bearing FM: 300

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

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.

HORIZONTAL HOLE 1

Sec 21 Twp 16N Rge 14W County DEWEY

Spot Location of End Point: SE SW SW SW

Feet From: SOUTH 1/4 Section Line: 54

Feet From: WEST 1/4 Section Line: 352

Depth of Deviation: 11913

Radius of Turn: 440

Direction: 182

Total Length: 7602

Measured Total Depth: 20050

True Vertical Depth: 12839

End Point Location from Lease,
Unit, or Property Line: 54

Notes:

Category	Description
HYDRAULIC FRACTURING	7/21/2017 - G58 - 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
LOCATION EXCEPTION - 665673	8/7/2017 - G75 - (F.O.) 16 & 21-16N-14W X575659 WDFD 16-16N-14W X646074 MSSP 16-16N-14W X579616 WDFD 21-16N-14W SHL (16-16N-14W) 2442' FSL, 641' FWL COMPL. INT. (16-16N-14W)(MSSP) 2348' FSL & 486' FWL TO 1981' FSL & 378' FWL COMPL. INT. (16-16N-14W)(WDFD) 1981' FSL & 378' FWL TO 0' FSL & 367' FWL COMPL. INT. (21-16N-14W)(WDFD) 0' FNL & 367' FWL TO 160' FSL, & 354' FWL CONTINENTAL RESOURCES, INC. 7-7-2017
SPACING - 575659	8/7/2017 - G75 - (640) 16-16N-14W EST WDFD EXT 99559 MSSLM (VAC BY 646074), OTHER
SPACING - 579616	8/7/2017 - G75 - (640) 21-16N-14W EXT OTHERS EST MSSP EXT 576003 WDFD, OTHERS
SPACING - 646074	8/7/2017 - G75 - (640) 16-16N-14W VAC 176080 CSTR, OTHERS VAC 575659 MSSLM EST (VER) OTHERS EST (HOR) OTHER EXT (VER) 579616 MSSP
SPACING - 665672	8/7/2017 - G75 - (F.O.) 16 & 21-16N-14W EST MULTIUNIT HORIZONTAL WELL X575659 WDFD 16-16N-14W X646074 MSSP 16-16N-14W X579616 MSSP, WDFD 21-16N-14W (MSSP ASSOCIATED COMMON SOURCE OF SUPPLY TO WDFD) 31.669% 16-16N-14W 68.331% 21-16N-14W CONTINENTAL RESOURCES, INC. 7-7-2017

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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.