

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

API NUMBER: 087 22073 A

Approval Date: 04/14/2017
Expiration Date: 10/14/2017

Horizontal Hole Oil & Gas

Amend reason: TARGET FORMATION CHANGED TO
MISSISSIPPIAN; WELL NAME

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 6N Rge: 4W County: MCCLAIN
SPOT LOCATION: NW NW NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 200 200

Lease Name: **INDULTADO** Well No: **1-28-21-MXH** Well will be **200** feet from nearest unit or lease boundary.
Operator Name: **CASILLAS OPERATING LLC** Telephone: 9185825310 OTC/OCC Number: 23838 0

CASILLAS OPERATING LLC
PO BOX 3668
TULSA, OK 74101-3668

SHARON D. CAVNAR
4216 HOLIDAY PLACE
OKLAHOMA CITY OK 73013

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	10884	6	
2	WOODFORD	10959	7	
3			8	
4			9	
5			10	

Spacing Orders: 644065

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201701264
201701363
201701364

Special Orders:

Total Depth: 21565

Ground Elevation: 1144

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 470

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

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 BED AQUIFER

Pit Location Formation: DUNCAN

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 17-32415

H. SEE MEMO

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.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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 BED AQUIFER

Pit Location Formation: DUNCAN

HORIZONTAL HOLE 1

Sec 21 Twp 6N Rge 4W County MCCLAIN

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 350

Depth of Deviation: 10524

Radius of Turn: 663

Direction: 1

Total Length: 10000

Measured Total Depth: 21565

True Vertical Depth: 10959

End Point Location from Lease,
Unit, or Property Line: 50

Additional Surface Owner	Address	City, State, Zip
REBECCA DIANE HUTCHESON	14006 S. COTTONWOOD DRIVE	OLATHE, KS 66062

Notes:

Category

Description

DEEP SURFACE CASING

4/12/2017 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

4/12/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE

MEMO

4/12/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201701264

4/14/2017 - G60 - (E.O.)(640) 28-6N-4W
VAC OTHER
EXT 644065 MSSP, WDFD
COMPL. INT. (MSSP) NLT 660' FB
COMPL. INT. (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL
REC. 4/10/17 (JOHNSON)

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
PENDING CD - 201701363	4/13/2017 - G60 - (E.O.) 21 & 28-6N-4W EST MULTIUNIT HORIZONTAL WELL X644065 (21-6N-4W) MSSP, WDFD X201701264 (28-6N-4W) MSSP, WDFD (WDFD IS AN ASSOCIATED COMMON SOURCE OF SUPPLY TO MSSP) 21-6N-4W 50% 28-6N-4W 50% CASILLAS PETROLEUM RESOURCE PARTNERS, LLC. REC. 4/10/17 (JOHNSON)
PENDING CD - 201701364	4/13/2017 - G60 - (E.O.) 21 & 28-6N-4W X644065 (21-6N-4W) MSSP, WDFD X201701264 (28-6N-4W) MSSP, WDFD COMPL. INT. (28-6N-4W) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (21-6N-4W) NCT 0' FSL, NCT 165' FNL, 330' FWL CASILLAS PETROLEUM RESOURCE PARTNERS, LLC. REC. 4/10/17 (JOHNSON)
SPACING - 644065	4/13/2017 - G60 - (640)(HOR) 21-16N-4W EST (VERT) OTHERS EXT 629241 MSSP, WDFD, OTHERS COMPL. INT (MSSP) NCT 660' FB COMPL. INT. (WDFD) NCT 330' FB

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Office of the Conservation Division as to when Surface Casing will be run.