

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

API NUMBER: 049 25234 A

Approval Date: 12/04/2018
Expiration Date: 06/04/2020

Horizontal Hole Oil & Gas

Amend reason: OCC CORRECTION TO CORRECT WELL NAME

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 3N Rge: 4W

County: GARVIN

SPOT LOCATION: ☐ NE ☐ NW ☐ NE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 308 1732

Lease Name: DILLY

Well No: 2-12-1 MXH

Well will be 308 feet from nearest unit or lease boundary.

Operator Name: CASILLAS OPERATING LLC

Telephone: 9185825310

OTC/OCC Number: 23838 0

CASILLAS OPERATING LLC
401 S BOSTON AVE STE 2400
TULSA, OK 74103-4060

MARY F. ENGLISH
14387 E. COUNTY ROAD 1575
LINDSAY OK 73052

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	11900	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 677714

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201808104
201808106
201808111

Special Orders:

Total Depth: 22575

Ground Elevation: 1147

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 250

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: 5000 Average: 3000

Is depth to top of ground water greater than 10ft below base of pit? N

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: BISON

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

PERMIT NO: 18-35694

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? N

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: BISON

HORIZONTAL HOLE 1

Sec 01 Twp 3N Rge 4W County GARVIN

Spot Location of End Point: NE NE NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 1204

Depth of Deviation: 11480

Radius of Turn: 477

Direction: 355

Total Length: 10346

Measured Total Depth: 22575

True Vertical Depth: 12176

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

Notes:

Category

Description

DEEP SURFACE CASING

11/18/2018 - 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

11/18/2018 - 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: OCCWEB.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

MEMO

11/18/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201808104

12/3/2018 - G58 - (I.O.) 1 & 12-3N-4W
EST MULTIUNIT HORIZONTAL WELL
X677714 MSSP, OTHER
50% 1-3N-4W
50% 12-3N-4W
NO OP. NAMED
REC 10/30/2018 (JOHNSON)

This permit does not address the right of entry or settlement of surface damages.

049 25234 DILLY 2-12-1 MXH

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 - 201808106	12/3/2018 - G58 - (I.O.) 1 & 12-3N-4W X677714 MSSP, OTHER X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO EMERSON 1-1 WELL COMPL. INT. 12-3N-4W NCT 165' FSL, NCT 0' FNL, NCT 1154' FWL COMPL. INT. 1-3N-4W NCT 0' FSL, NCT 165' FNL, NCT 1154' FWL NO OP. NAMED REC 10/30/2018 (JOHNSON)
PENDING CD - 201808111	12/3/2018 - G58 - 1 & 12-3N-4W X677714 MSSP 2 WELLS NO OP NAMED REC 10/30/2018 (JOHNSON)
SPACING - 677714	12/3/2018 - G58 - (1280)(HOR) 1 & 12-3N-4W EXT 660070 MSSP, OTHER COMPL. INT. NLT 660' FB (COEXIST SP ORDER 343360 SCMR; SP ORDER 346248 SCMR; SP ORDER 347970 SCMR; SP ORDER 348687 SCMR; SP ORDER 345241 SCMR; SP ORDER 349600 SCMR)