

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

API NUMBER: 083 24345

Approval Date: 10/24/2014

Expiration Date: 04/24/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 18N Rge: 3W

County: LOGAN

SPOT LOCATION:

SE

SW

SE

SW

FEET FROM QUARTER: FROM

SOUTH

FROM

WEST

SECTION LINES:

210

1715

Lease Name: MYERS

Well No: 18-3-7 1H

Well will be 210 feet from nearest unit or lease boundary.

Operator Name: DORADO E & P PARTNERS LLC

Telephone: 7204023700

OTC/OCC Number: 23019 0

DORADO E & P PARTNERS LLC

1401 17TH ST STE 1100

DENVER, CO 80202-1253

DOUGLAS EUGENE HENDRICKS

862 FRANK AVENUE

DOS PALOS CA 93620

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

Name	Depth	Name	Depth
1 WOODFORD	6000	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 624299

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201406306

Special Orders:

Total Depth: 11415

Ground Elevation: 1007

Surface Casing: 1000

Depth to base of Treatable Water-Bearing FM: 330

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

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? 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: GARBER

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

PERMIT NO: 14-27858

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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 07 Twp 18N Rge 3W County LOGAN

Spot Location of End Point: N2 N2 NE NW

Feet From: NORTH 1/4 Section Line: 195

Feet From: WEST 1/4 Section Line: 1980

Depth of Deviation: 5902

Radius of Turn: 139

Direction: 360

Total Length: 4862

Measured Total Depth: 11415

True Vertical Depth: 6000

End Point Location from Lease,

Unit, or Property Line: 195

Notes:

Category

Description

DEEP SURFACE CASING

10/15/2014 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

PENDING CD - 201406306

10/24/2014 - G72 - 07-18N-03W
X 624299 WDFD,
SHL NCT 200 FSL NCT 1980 FWL,
COMP INT. NCT 165 FNL NCT 165 FSL NCT 330 FWL,
NO OPER NAMED,
REC 9/16/2014 (NORRIS)

SPACING - 624299

10/23/2014 - G72 - (640 HORZ) 07-18N-03W
EXT 609518 WDFD, OTHERS,
POE TO BHL NCT 330' FB,

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.

083 24345 MYERS 18-3-7 1H