

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

API NUMBER: 103 24663

Approval Date: 06/04/2014
Expiration Date: 12/04/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 04 Twp: 20N Rge: 1W

County: NOBLE

SPOT LOCATION: SE SW SW SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 178 2190

Lease Name: WALTERMIRE

Well No: 20-1-4 1H

Well will be 178 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 1500
DENVER, CO 80202-1253

JAMES A WALTERMIRE
25575 COUNTY ROAD 100
PERRY OK 73077

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

Name	Depth	Name	Depth
1 WOODFORD	5085	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 626192

Location Exception Orders: 626193

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 10196

Ground Elevation: 1105

Surface Casing: 250

Depth to base of Treatable Water-Bearing FM: 170

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: WELLINGTON

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

PERMIT NO: 14-27057

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 04 Twp 20N Rge 1W County NOBLE

Spot Location of End Point: N2 N2 NW NE

Feet From: NORTH 1/4 Section Line: 195

Feet From: EAST 1/4 Section Line: 1980

Depth of Deviation: 4614

Radius of Turn: 516

Direction: 360

Total Length: 5520

Measured Total Depth: 10196

True Vertical Depth: 5085

End Point Location from Lease,
Unit, or Property Line: 195

Notes:

Category	Description
LOCATION EXCEPTION - 626193	6/4/2014 - G72 - 04-20N-01W (E.O.) SHL 178 FSL 2190 FEL; COMP INT. NCT 165 FNL NCT 150 FSLNCT 1320 FEL; X (E.O.) 626192 MSSP, WDFD, MSNR, HNTN; DORADO E&P PARTNERS, LLC 5/30/2014
SPACING - 626192	6/4/2014 - G72 - (640 HORZ) 04-20N-01W (E.O.) VAC 577051 MISS, MSNR; EXT 620720 MSSP, WDFD, MSNR; EST HNTN; 5/30/2014

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