

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

API NUMBER: 103 24664

Approval Date: 06/09/2014

Expiration Date: 12/09/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 01 Twp: 20N Rge: 1W

County: NOBLE

SPOT LOCATION: ☐ SW ☐ SW ☐ SE ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 200 1150

Lease Name: PARTAGAS

Well No: 1-1H

Well will be 200 feet from nearest unit or lease boundary.

Operator Name: CISCO OPERATING LLC

Telephone: 2142919978; 2142919

OTC/OCC Number: 22678 0

CISCO OPERATING LLC
6900 N DALLAS PKWY STE 740
PLANO, TX 75024-7138

EDWIN G CHASE & PEGGY S CHASE, JT TENANTS
24400 BLACKJACK
PERRY OK 73077

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	4875	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 201403422

Location Exception Orders: 201403423

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 9531

Ground Elevation: 1100

Surface Casing: 650

Depth to base of Treatable Water-Bearing FM: 210

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: 14-26999

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 01 Twp 20N Rge 1W County NOBLE

Spot Location of End Point: NW NW NE NE

Feet From: NORTH 1/4 Section Line: 200

Feet From: EAST 1/4 Section Line: 1150

Depth of Deviation: 4290

Radius of Turn: 702

Direction: 180

Total Length: 4867

Measured Total Depth: 9531

True Vertical Depth: 4992

End Point Location from Lease,
Unit, or Property Line: 200

Notes:

Category	Description
DEEP SURFACE CASING	6/6/2014 - 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
LOCATION EXCEPTION - 626258	6/6/2014 - G72 - 1-20N-1W (E.O.) X 626257 (201403422) MSSP; SHL NCT 200 FSL NCT 1150 FEL; COMP INT. NCT 200 FSL NCT 200 FNL NCT 660 FEL; CISCO OPERATING, LLC; 6/2/2014
SPACING - 626257	6/6/2014 - G72 - (640 HORZ) 1-20N-1W (E.O.) VAC 235609 MSSCH, MSSLM; VAC 255172 MSSCH, MSSLM EXT 620029 MSSP; MAY EITHER SUPERSEDE NONHORZ UNITS, COEXIST NONHORZ UNIT; CISCO OPERATING, LLC 6/2/2014

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103 24664 PARTAGAS 1-1H