

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

API NUMBER: 103 24659

Approval Date: 05/06/2014  
Expiration Date: 11/06/2014

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 1180

Lease Name: COHIBA Well No: 12-1H 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 O. CHASE & PEGGY S. CHASE  
24400 BLACKJACK  
PERRY OK 73077

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

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

Spacing Orders: 597868

Location Exception Orders: 601386

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 9974

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: 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? 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: 14-26998

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 12 Twp 20N Rge 1W County NOBLE

Spot Location of End Point: SW SW SE SE

Feet From: SOUTH 1/4 Section Line: 200

Feet From: EAST 1/4 Section Line: 1180

Depth of Deviation: 4177

Radius of Turn: 698

Direction: 180

Total Length: 4700

Measured Total Depth: 9974

True Vertical Depth: 4997

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

Notes:

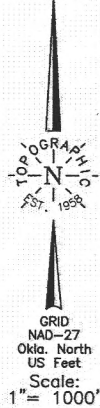
Category	Description
DEEP SURFACE CASING	5/2/2014 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
LOCATION EXCEPTION - 601386	5/5/2014 - G75 - (I.O.) X597868 MISS SHL NCT 200 FSL, NCT 990 FEL 1-20N-1W FIRST PERF NCT 200 FNL, NCT 990 FEL 12-20N-1W LAST PERF NCT 200 FSL, NCT 990 FEL 12-20N-1W BHL NCT 200 FSL, NCT 990 FEL 12-20N-1W CISCO OP., LLC 8-29-2012 (CONTINUED UNTIL 8-4-2014)
SPACING - 597868	5/5/2014 - G75 - (640)(HOR) 12-20N-1W EST MISS POE TO BHL NLT 660' FB (SUPERSEDE NON-PRODUCING NON-HORIZONTAL SPACING UNITS; COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS)

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.

API 103-24659

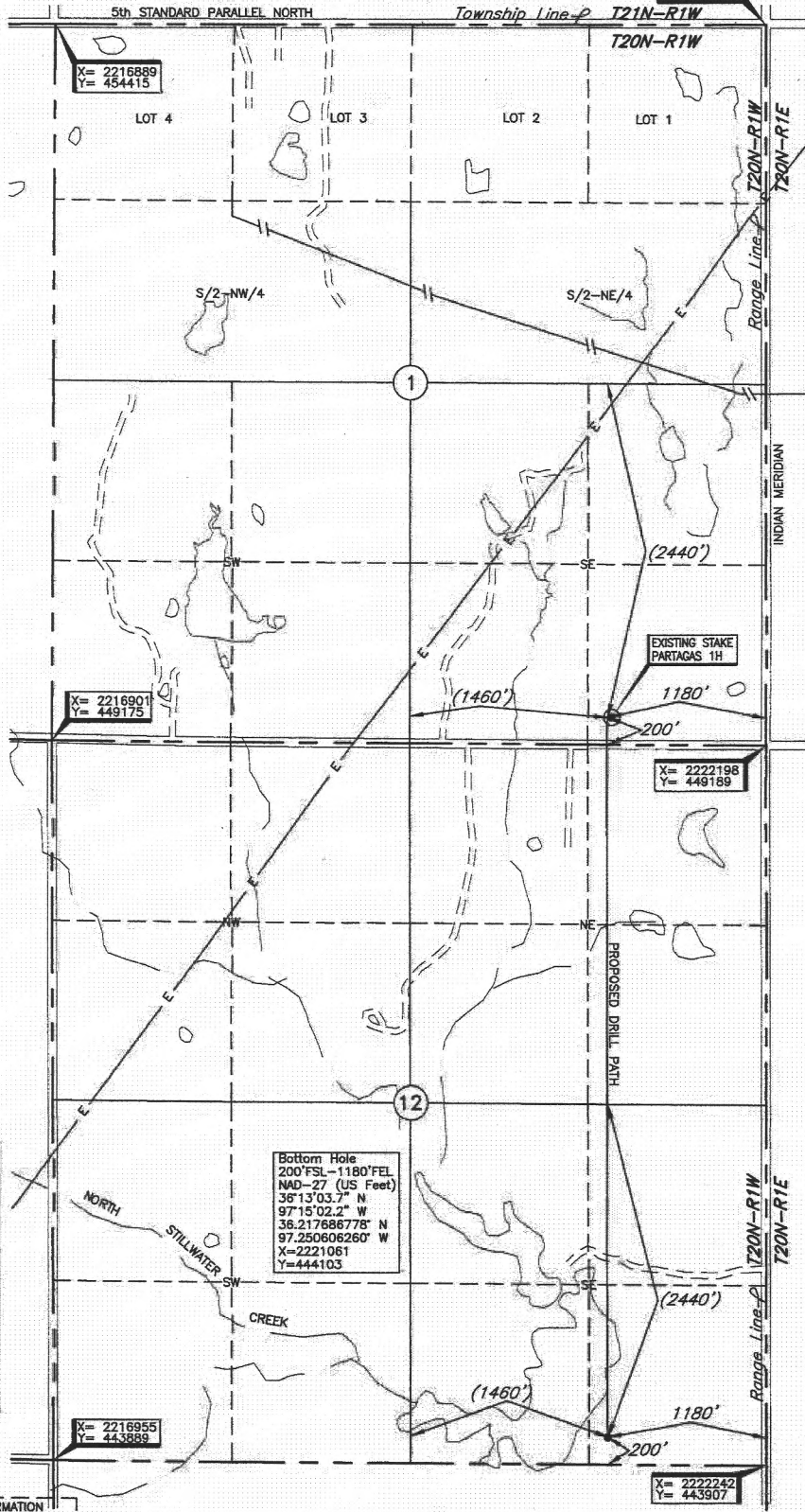
NOBLE County, Oklahoma  
 200'FSL - 1180'FEL Section 1 Township 20N Range 1W I.M.

X= 2222162  
 Y= 454453



The information shown herein is for construction purposes ONLY.  
 Distances shown in parentheses are calculated based upon the Quarter Section being 2640 feet, those shown in brackets are based on GLO (General Land Office) distances and have NOT been measured on the ground.

**NOTE:**  
 The information shown herein is for construction purposes ONLY.



Operator: CISCO OPERATING, LLC  
 Lease Name: COHIBA  
 Topography & Vegetation Loc. fell at level pad. ± 30' East to PARTAGAS 1H location stake  
 Good Drill Site?  Yes  No  
 Reference Stakes or Alternate Location Stakes Set  None  
 Well No.: 12-1H  
 ELEVATION: 1100' Gr. at level pad  
 Best Accessibility to Location From South off county road  
 Distance & Direction From Hwy Jet or Town From Percy, OK. go ±4.0 mi. South on St. Hwy. 86, then ±2.0 mi. East to the SE Cor. of Sec. 1-T20N-R1W

Bottom Hole  
 200'FSL-1180'FEL  
 NAD-27 (US Feet)  
 36°13'03.7" N  
 97°15'02.2" W  
 36.217686778" N  
 97.250606260" W  
 X=2221061  
 Y=444103

BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

DATUM: NAD-27  
 LAT: 36°13'55.9"N  
 LONG: 97°15'02.2"W  
 LAT: 36.232200176° N  
 LONG: 97.250615388° W  
 STATE PLANE COORDINATES: (US Feet)  
 ZONE: OK NORTH  
 X: 2221017  
 Y: 449386

Date of Drawing: Apr. 29, 2014  
 Invoice # 221132 Date Staked: Apr. 22, 2014 AC

**CERTIFICATE:**  
 I, Thomas L. Howell a Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein  
 Thomas L. Howell  
 Oklahoma Lic. No. 1433

