

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

API NUMBER: 109 22424

Approval Date: 06/13/2014

Expiration Date: 12/13/2014

Directional Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 01 Twp: 14N Rge: 4W

County: OKLAHOMA

SPOT LOCATION: ☐ NW ☐ SW ☐ SE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 625 1520

Lease Name: DEER CREEK

Well No: 1

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

Operator Name: INTERGY PRODUCTION LLC

Telephone: 4058023325

OTC/OCC Number: 21212 0

INTERGY PRODUCTION LLC

PO Box 342

EDMOND, OK 73083-0342

FRANCES BERG LIVING TRUST

35 WEST MAIN STREET

EDMOND OK 73003

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

	Name	Depth		Name	Depth
1	TONKAWA	4350	6	HUNTON	6270
2	HOGSHOOTER	5350	7	VIOLA	6400
3	CLEVELAND	5550	8	2ND WILCOX	6650
4	OSWEGO	6030	9	OIL CREEK	7200
5	SKINNER	6200	10	ARBUCKLE	7250

Spacing Orders: 620396

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 7500

Ground Elevation: 1025

**Surface Casing: 650**

Depth to base of Treatable Water-Bearing FM: 570

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 1500 Average: 1300

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

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 14-27411

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

**DIRECTIONAL HOLE 1**

Sec 12 Twp 14N Rge 4W County OKLAHOMA

Spot Location of End Point: C E2 NE NW

Feet From: SOUTH 1/4 Section Line: 1980

Feet From: WEST 1/4 Section Line: 2310

Measured Total Depth: 7600

True Vertical Depth: 7500

End Point Location from Lease,

Unit, or Property Line: 330

Notes:

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.

Category	Description
POE	6/13/2014 - G72 - POE FOR ALL FORMATIONS WILL BE AT A LEGAL LOCATION PER OPER.
SPACING - 620396	6/13/2014 - G72 - (80 IRR) NE NW 12-14N-4W SU (NE NW) VAC 59712 HNTN; VAC 182824 HGSR, VIOL, OTHER; VAC 182825 SMPSD; VAC 203964 HGSR, VIOL, CLVD, OSWG, WLCX2 EST TNKW, HGSR, CLVD, SKNR, HNTN, VIOL, SMPSD, WLCX2, OKCK, ABCK, OTHERS