

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

API NUMBER: 109 22466

Approval Date: 04/11/2019

Expiration Date: 10/11/2020

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: 612 1575

Lease Name: DEER CREEK

Well No: 2

Well will be 612 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

DEERWOOD FARMS LLC  
PO BOX 18803  
OKLAHOMA CITY OK 73154

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

	Name	Depth		Name	Depth
1	HOGSHOOTER	5300	6	SKINNER	6120
2	CHECKERBOARD	5500	7	HUNTON	6150
3	CLEVELAND	5575	8	VIOLA	6320
4	OSWEGO	5975	9	1ST WILCOX	6500
5	PRUE	6040	10	2ND WILCOX	6615

Spacing Orders: 620396  
203964

Location Exception Orders:

Increased Density Orders: 693755

Pending CD Numbers: 201901073

Special Orders:

Total Depth: 6700

Ground Elevation: 1026

**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: 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

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 19-36475

H. CLOSED SYSTEM=STEEL PITS (REQUIRED - DEER CREEK)

**DIRECTIONAL HOLE 1**

Sec 01 Twp 14N Rge 4W County OKLAHOMA

Spot Location of End Point: SW SW SE SW

Feet From: SOUTH 1/4 Section Line: 70

Feet From: WEST 1/4 Section Line: 1565

Measured Total Depth: 6700

True Vertical Depth: 6650

End Point Location from Lease,

Unit, or Property Line: 70

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
HYDRAULIC FRACTURING	<p>3/22/2019 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;</p> <p>2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</a>; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
INCREASED DENSITY - 693755	<p>4/4/2019 - GB1 - SE4 SW4 1 &amp; NE4 NW4 12-14N-4W X620396 VIOL 1 WELL INTERGY PRODUCTION LLC 3/29/2019</p>
PENDING CD - 201901073	<p>4/4/2019 - GB1 - (I.O.) SE4 SW4 1 &amp; NE4 NW4 12-14N-4W X620396 HGSR, CLVD, OSWG, PRUE, SKNR, VIOL, WLCX1, WLCX2, HNTN, OTHERS X203964 CCKB SHL 641' FSL, 1559' FWL 1-14N-4W*** POE TO BHL NCT 250' FSL, NCT 1566' FWL ++ INTERGY PRODUCTION LLC REC. 3/11/2019 (JOHNSON)</p> <p>*** S/B 612' FSL, 1575' FWL; WILL BE CORRECTED AT FINAL HEARING PER OPERATOR ++ S/B 70' FSL, 1565' FWL; WILL BE CORRECTED AT FINAL HEARING PER OPERATOR; SHOULD STATE ENTRY AND EXIT POINTS FOR ALL FORMATIONS; WILL BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION</p>
POINT OF ENTRY	<p>4/10/2019 - GB1 - ENTRY AND EXIT FOOTAGES WILL BE BETWEEN SURFACE AND BOTTOMHOLE FOOTAGES AS STATED IN THE CORRECTED LOCATION EXCEPTION</p>
SPACING - 203964	<p>4/4/2019 - GB1 - (160) SW4 1-14N-4W EXT 182824 VIOL EXT 180635/182824 HGSR, CCKB, OTHER EST CLVD, OSWG, WLCX1, WLCX2, OTHERS (VAC HGSR, VIOL, CLVD, OSWG, WLCX1, WLCX2 BY 620396)</p>
SPACING - 620396	<p>4/4/2019 - GB1 - (80/40)(IRR) SE4 SW4 1 &amp; NE4 NW4 12-14N-4W VAC OTHERS VAC 59712 HNTN E2 SW4 1-14N-4W VAC 203964 HGSR, VIOL, CLVD, OSWG, WLCX1, WLCX2, OTHERS SW4 1-14N-4W EST (80) HNTN, HGSR, CLVD, OSWG, PRUE, SKNR, VIOL, WLCX1, WLCX2, OTHERS EST (40) OTHERS</p>