

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

API NUMBER: 149 21714

Approval Date: 12/31/2014

Expiration Date: 06/30/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 26 Twp: 11N Rge: 18W

County: WASHITA

SPOT LOCATION: ☐ NW ☐ NE ☐ NW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 285 880

Lease Name: OSU

Well No: 1-26HA

Well will be 285 feet from nearest unit or lease boundary.

Operator
Name: ENERVEST OPERATING LLC

Telephone: 7134956530

OTC/OCC Number: 19848 0

ENERVEST OPERATING LLC
1001 FANNIN STREET STE 800
HOUSTON, TX 77002-6708

OKLAHOMA STATE UNIVERSITY: BUDGET & ASSET
MGMT.
210 WHITEHURST
STILLWATER OK 74078

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

Name	Depth	Name	Depth
1 HOXBAR	9872	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 197255

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201408997

Special Orders:

Total Depth: 15019

Ground Elevation: 1682

Surface Casing: 550

Depth to base of Treatable Water-Bearing FM: 400

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: Yes

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: 265000 Average: 5000

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 OTHER HSA

Pit Location Formation: DOXEY

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

PERMIT NO: 14-29202

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 26 Twp 11N Rge 18W County WASHITA

Spot Location of End Point: SW SE SW SW

Feet From: SOUTH 1/4 Section Line: 245

Feet From: WEST 1/4 Section Line: 880

Depth of Deviation: 9472

Radius of Turn: 557

Direction: 180

Total Length: 4672

Measured Total Depth: 15019

True Vertical Depth: 10252

End Point Location from Lease,

Unit, or Property Line: 245

Notes:

Category

Description

PENDING CD - 201408997

12/31/2014 - G91 - (I.O.) 26-11N-18W
X197255 HXBR
SHL 285 FNL, 880 FWL
COMPL. INT. NCT 330 FNL, NCT 330 FSL, NCT 660 FWL
NO OP. NAMED
REC. 12-29-2014 (JOHNSON)

SPACING - 197255

12/31/2014 - G91 - (640) 26-11N-18W
EXT HXBR, OTHERS
EXT OTHERS

WATERSHED STRUCTURE

12/31/2014 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION
WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (580)
832-3719 PRIOR TO DRILLING

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Office of the Conservation Division as to when Surface Casing will be run.

149 21714 OSU 1-26HA

149-21714

SEC 22 SEC 23 SEC 24

X = 1,677,747 Y = 756,451 1/2" I.R. FND. N 89°35'37" E 5275.0' BHL

SEC 27 330' 880' 285' SURFACE LOCATION GRID AZ = 180.342222° - 45' PENETRATION POINT & FIRST TAKE POINT

BHL OSU #2-26

SEC 26 880' 26

SEC 25 1/2" I.R. FND.

5239.9' W COUNTY ROAD "NS219" SIMPSON #4-26H LATERAL (AS-DRILLED) GRID AZ = 180.342222° - 4672' NW NE

WELL NAME	DISTANCE TO HORIZ.
OSU #2-26	120'
STATE WETER #1	1089'
DIAMOND RING #3	384'

OKLA. COORDINATE SYSTEM NAD-27 OKLAHOMA SOUTH ZONE U.S. FEET

PROPOSED SIMPSON #5-26H LATERAL

SEC 26 5280.8' W COUNTY ROAD "NS220" SIMPSON #5-26H LATERAL (PERMITTED)

330' FSL & 880' FWL UTM 14 X = 1,617,078 UTM 14 Y = 12,853,986 X = 1,678,625 Y = 756,118 35°24'22.02" -99°04'42.05" 35.4063944 -99.0783472

LAST TAKE POINT 330' FSL & 880' FWL UTM 14 X = 1,617,096 UTM 14 Y = 12,849,400 X = 1,678,598 Y = 751,531 35°23'37.21" -99°04'41.77" 35.3936694 -99.0782694

SEC 26 5236.7' W COUNTY ROAD "EW112" SEC 25

SEC 27 880' 330' 245' LAST TAKE POINT BOTTOM HOLE LOCATION

SEC 34 880' 330' 245' BOTTOM HOLE LOCATION

SEC 35 880' 330' 245' BOTTOM HOLE LOCATION

SEC 36 880' 330' 245' BOTTOM HOLE LOCATION

RR SPIKE FND.

X = 1,677,716 Y = 751,211

X = 1,682,952 Y = 751,151

SEC 36

LEGEND

PERMITTED

RY HOLE

AS

IL/GAS

LUGGED OIL

LUGGED GAS

LUGGED OIL/GAS

1. This plot is intended for Oklahoma Corporation Commission Permit purposes only and is NOT to be relied upon as a boundary survey and is NOT to be used to convey or establish real property interests.
2. Bearings and dimensions shown are based on Geodetic Azimuth and Ground distance. All X,Y coordinates are based on NAD27, Oklahoma South Zone, U.S. Feet.
3. X,Y Coordinates were derived from GPS RTK methods and are only accurate within +/- 10 feet.
4. As-drilled data shown on this plot was provided by client and /or third party. Information was not nor has not been field verified by Surveyor.

SIGNED: _____ DATED: 12/4/14

Scale 1" = 1000'



ENERVEST

FIELD:	KB,GPS
DRAWN:	SDT
DATE:	12/4/14
CHECKED:	MLS
REVISION:	



JOB NO.	214-673-1.1
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