

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

API NUMBER: 009 21969

Approval Date: 01/05/2015

Expiration Date: 07/05/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 11N Rge: 22W

County: BECKHAM

SPOT LOCATION: ☐ NE ☐ NW ☐ NW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 250 430

Lease Name: KENT TRUST

Well No: 1-17HA

Well will be 250 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

DEAN KENT, TRUSTEE OF THE DEAN KENT TRUST
10895 N. 1920 ROAD
SAYRE OK 73662

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

Name	Depth	Name	Depth
1 DES MOINES	13156	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 180334

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201407593
201407594

Special Orders:

Total Depth: 17663

Ground Elevation: 2161

Surface Casing: 400

Depth to base of Treatable Water-Bearing FM: 290

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 BED AQUIFER

Pit Location Formation: ELK CITY

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-29234
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 17 Twp 11N Rge 22W County BECKHAM

Spot Location of End Point: SE SW SW SW

Feet From: SOUTH 1/4 Section Line: 245

Feet From: WEST 1/4 Section Line: 430

Depth of Deviation: 12656

Radius of Turn: 144

Direction: 180

Total Length: 4780

Measured Total Depth: 17663

True Vertical Depth: 13156

End Point Location from Lease,

Unit, or Property Line: 245

Notes:

Category

Description

PENDING CD - 201407593

1/5/2015 - G91 - 17-11N-22W
X180334 DSMN
1 WELL
NO OP. NAMED
REC. 12-8-2014 (OSBURN)

PENDING CD - 201407594

1/5/2015 - G91 - (I.O.) 17-11N-22W
X180334 DSMN
SHL 250 FNL, 430 FWL
COMPL. INT. NCT 330 FNL, NCT 330 FSL, NCT 330 FWL
NO OP. NAMED
REC. 12-8-2014 (OSBURN)

SPACING - 180334

1/5/2015 - G91 - (640) 17-11N-22W
EXT 131148/168072 DSMN, OTHERS

This permit does not address the right of entry or settlement of surface damages.

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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.

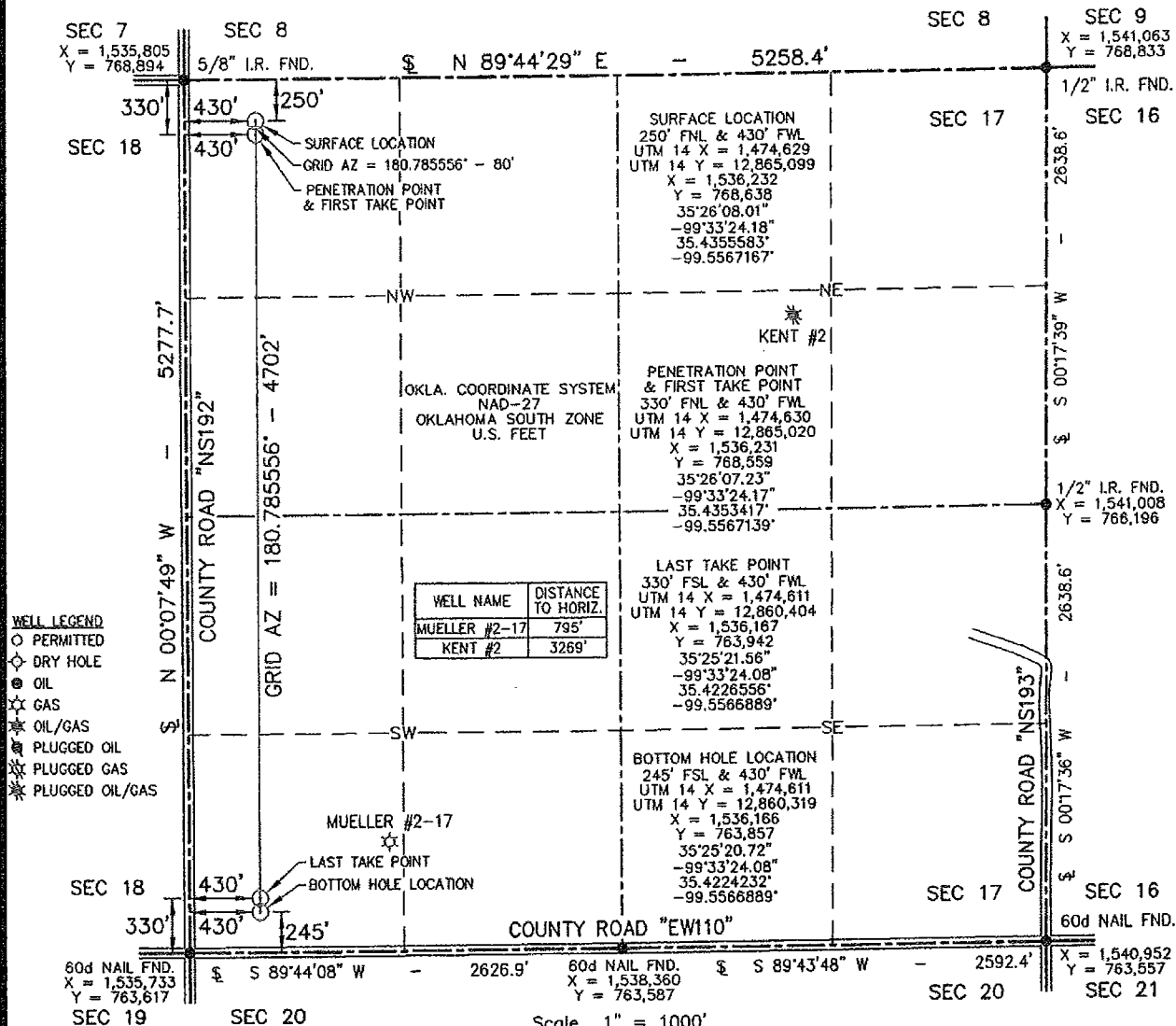
009 21969 KENT TRUST 1-17HA

009-21969

PROPOSED NEW WELL LOCATION PLAT

EXHIBIT "A"

COMPANY ENERVEST OPERATING, LLC LEASE KENT TRUST WELL NO. 1-17HA
 SECTION 17 TOWNSHIP T-11-N RANGE R-22-WIM LOCATION 250' FNL 430' FWL
 COUNTY BECKHAM STATE OKLAHOMA TOPOGRAPHY AND VEGETATION TERRACED PASTURE
 LATITUDE 35°26'08.01" LONGITUDE -99°33'24.18" NAD27 ELEVATION 2161' NGVD29 DATE STAKED 10/2/14
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 8.0 MILES WEST OF ELK CITY, OKLAHOMA



NOTE:

- This plat 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.
- 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.
- X,Y Coordinates were derived from GPS RTK methods and are only accurate within +/- 10 feet.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY MYSELF OR OTHERS UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SIGNED: _____

DATED: 10/5/14



APEX
 SURVEYING & MAPPING, INC.
 TEXAS * OKLAHOMA * KANSAS

8330 CANYON DRIVE
 AMARILLO, TEXAS 79119
 806-353-7231

105 HACKBERRY TRAIL
 CANADIAN, TEXAS 79014
 806-323-9773

Certificate of Authorization No. 3415, Exp. June 30, 2016



ENERVEST

1001 FANNIN STREET
 SUITE 800
 HOUSTON, TEXAS 77002

FIELD:	KB,BJ,GPS
DRAWN:	SDT
DATE:	10/5/14
CHECKED:	MLS
REVISION:	



JOB NO. 214-719-1.1