

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

API NUMBER: 009 21968

Approval Date: 12/17/2014

Expiration Date: 06/17/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 01 Twp: 10N Rge: 26W County: BECKHAM

SPOT LOCATION: ☐ NW ☐ NE ☐ NE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 245 430

Lease Name: HEINSOHN

Well No: 1-1HC

Well will be 245 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

DARREL HEINSOHN & KATHY HEINSOHN
17563 EAST 1130 ROAD
SAYRE OK 73662

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

Name	Depth	Name	Depth
1 GRANITE WASH UP (MO)	10874	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 154601

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201409060

Special Orders:

Total Depth: 15459

Ground Elevation: 2105

Surface Casing: 800

Depth to base of Treatable Water-Bearing FM: 640

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: 14-29233

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 01 Twp 10N Rge 26W County BECKHAM

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 245

Feet From: EAST 1/4 Section Line: 430

Depth of Deviation: 10349

Radius of Turn: 573

Direction: 180

Total Length: 4210

Measured Total Depth: 15459

True Vertical Depth: 10922

End Point Location from Lease,

Unit, or Property Line: 245

Notes:

Category

Description

PENDING CD - 201409060

12/16/2014 - G75 - (E.O.) 1-10N-26W
X154601 MSGWU
SHL NCT 245 FNL, NCT 430 FEL
FIRST PERF NCT 330 FNL, NCT 330 FEL
LAST PERF NCT 330 FSL, NCT 330 FEL
BHL NCT 245 FSL, NCT 330 FEL
NO OP. NAMED
REC 12-16-2014 (DECKER)

SPACING - 154601

12/16/2014 - G75 - (640) 1-10N-26W
EXT 67733/147147 MSGWU, OTHERS
EXT OTHERS

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

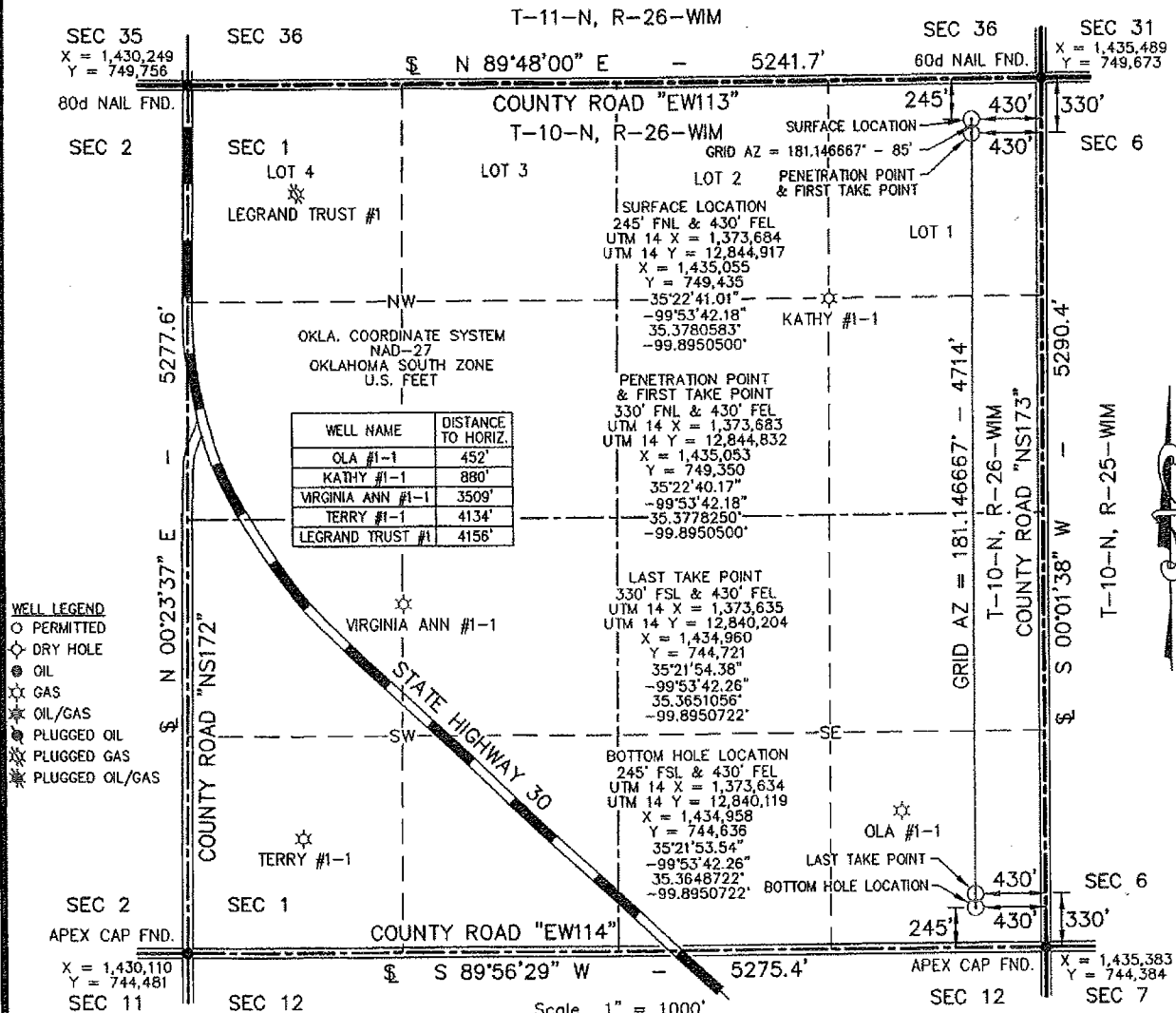
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009 21968 HEINSOHN 1-1HC

EXHIBIT "A"

COMPANY ENERVEST OPERATING, LLC LEASE HEINSOHN WELL NO. 1-1HC
SECTION 1 TOWNSHIP 10-N RANGE 26-WM LOCATION 245' FNL 430' FEL
COUNTY BECKHAM STATE OKLAHOMA TOPOGRAPHY AND VEGETATION TERRACE CRP GRASS
LATITUDE 35°22'41.01" LONGITUDE -99°53'42.18" NAD27 ELEVATION 2105' NGVD29 DATE STAKED 11/21/14
DIRECTION FROM NEAREST TOWN APPROXIMATELY 3.0 MILES SOUTHEAST OF SWEETWATER, OKLAHOMA



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.

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: 11/24/14



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
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1001 FANNIN STREET
SUITE 800
HOUSTON, TEXAS 77002

ENERVEST

FIELD:	KB,OPS
DRAWN:	SDT
DATE:	11/24/14
CHECKED:	MLS
REVISION:	



JOB NO.	214-974-1
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