

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

API NUMBER: 129 24090

Approval Date: 01/23/2017  
Expiration Date: 07/23/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 14N Rge: 26W County: ROGER MILLS  
SPOT LOCATION:  NE  NW  NE  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 275 920

Lease Name: GENTLE HORSE Well No: 2-3HC Well will be 275 feet from nearest unit or lease boundary.  
Operator Name: ENERVEST OPERATING LLC Telephone: 7134956530; 7134956 OTC/OCC Number: 19848 0

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

SPARKS LIVING TRUST C/O DEANN SPARKS  
5008 SOUTH POST ROAD  
OKLAHOMA CITY OK 73150

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

Name	Depth	Name	Depth
1 MARMATON	12239	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 126066

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201605960  
201605959  
201605958

Special Orders:

Total Depth: 16927

Ground Elevation: 2419

**Surface Casing: 830**

Depth to base of Treatable Water-Bearing FM: 730

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: Yes

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 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: OGALLALA

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 17-32030

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 03 Twp 14N Rge 26W County ROGER MILLS

Spot Location of End Point: NE NW NE NE

Feet From: NORTH 1/4 Section Line: 245

Feet From: EAST 1/4 Section Line: 880

Depth of Deviation: 11489

Radius of Turn: 477

Direction: 1

Total Length: 4689

Measured Total Depth: 16927

True Vertical Depth: 12286

End Point Location from Lease,  
Unit, or Property Line: 245

Notes:

Category	Description
HYDRAULIC FRACTURING	1/19/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK <a href="http://fracfocus.org/">HTTP://FRACFOCUS.ORG/</a> WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE
PENDING CD - 201605958	1/20/2017 - G75 - 3-14N-26W X126066 MRMN 1 WELL ENERVEST OP., LLC REC 1-17-2017 (MCKEOWN)
PENDING CD - 201605959	1/20/2017 - G75 - (I.O.) X126066 MRMN, OTHER SHL (10-14N-26W) NE4 COMPL. INT. (3-14N-26W) NCT 330' FSL, NCT 330' FNL, NCT 880' FEL ENERVEST OP., LLC REC 1-17-2017 (MCKEOWN)
PENDING CD - 201605960	1/20/2017 - G75 - (I.O.) 3-14N-26W X165:10-3-28(C)(2)(B) MRMN (GENTLE HORSE 2-3HC) WITHIN 600' OF GENTLE HORSE 1-3 ENERVEST OP., LLC REC 1-17-2017 (MCKEOWN)
SPACING - 126066	1/20/2017 - G75 - (640) 3-14N-26W VAC OTHERS EST OTHERS EXT 98946 MRMN, OTHERS

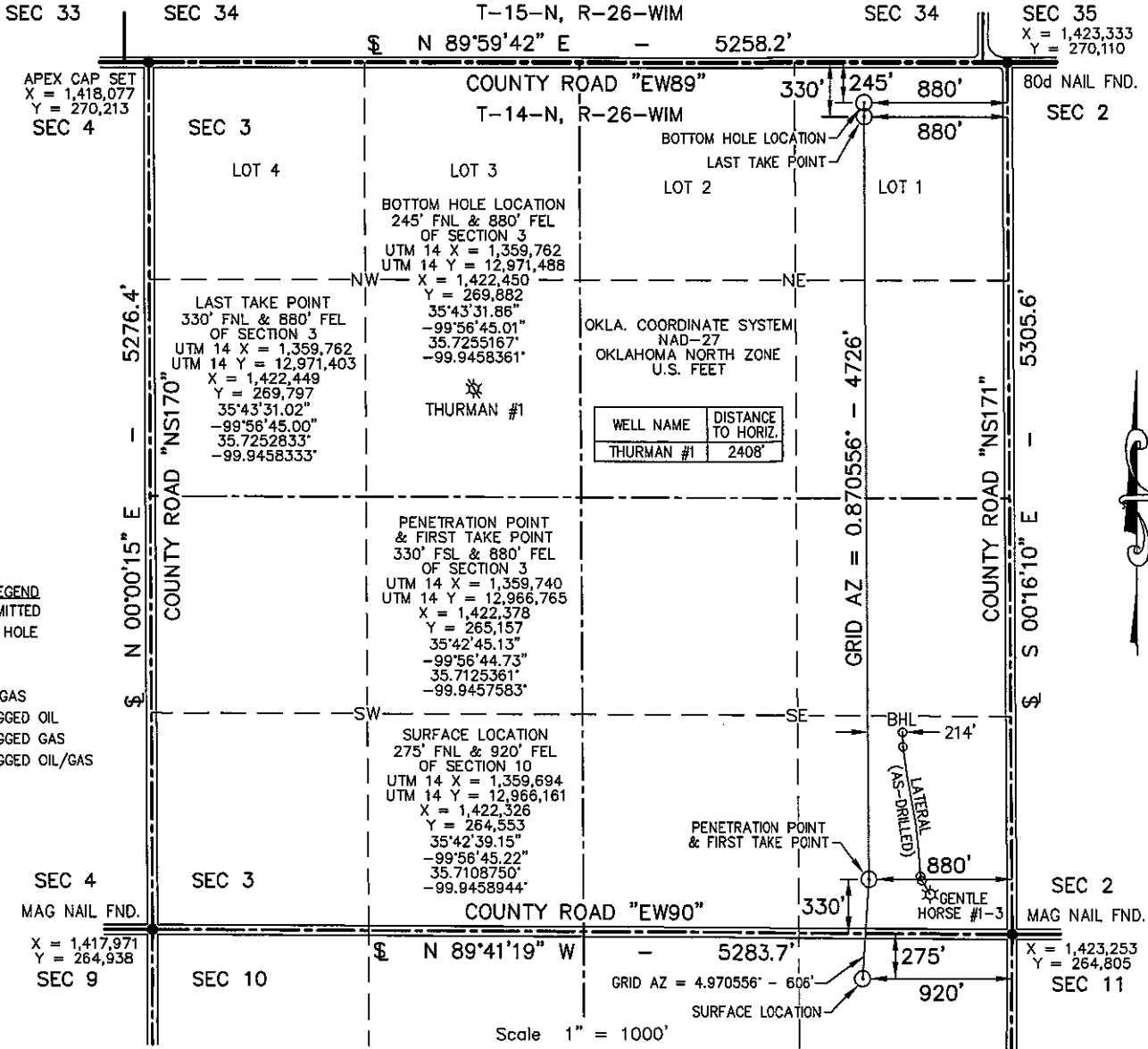
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PROPOSED NEW WELL LOCATION PLAT

EXHIBIT "A"

API 129-24090

COMPANY ENERVEST OPERATING, LLC LEASE GENTLE HORSE WELL NO. 2-3HC  
 SECTION 10 TOWNSHIP 14-N RANGE 26-WIM LOCATION 275' FNL 920' FEL  
 COUNTY ROGER MILLS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION PASTURE  
 LATITUDE 35°42'39.15" LONGITUDE -99°56'45.22" NAD27 ELEVATION 2419' NGVD29 DATE STAKED 12/22/16  
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 4.0 MILES NORTHWEST OF REYDON, OKLAHOMA



- WELL LEGEND**
- PERMITTED
  - ◇ DRY HOLE
  - OIL
  - ☆ GAS
  - ★ OIL/GAS
  - ⊛ PLUGGED OIL
  - ⊛ PLUGGED GAS
  - ⊛ PLUGGED OIL/GAS

- 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 North Zone, U.S. Feet.
  - X,Y Coordinates were derived from GPS RTK methods and are only accurate within +/- 10 feet.
  - As-drilled data shown on this plat was provided by client and /or third party. Information was not nor has not been field verified by Surveyor.

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: 12/27/16



**APEX**  
 SURVEYING & MAPPING, INC.  
 TEXAS \* OKLAHOMA \* KANSAS  
 105 HACKBERRY TRAIL  
 CANADIAN, TEXAS 79014  
 806-323-9773



**ENERVEST**  
 1001 FANNIN STREET  
 SUITE 800  
 HOUSTON, TEXAS 77002

FIELD:	JT,MM,GPS
DRAWN:	CM
DATE:	12/27/16
CHECKED:	MLS
REVISION:	

Certificate of Authorization No. 3415, Exp. June 30, 2018

JOB NO. C216-203-1