

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

API NUMBER: 009 21965

Approval Date: 11/26/2014

Expiration Date: 05/26/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 21 Twp: 11N Rge: 25W

County: BECKHAM

SPOT LOCATION: ☐ SE ☐ SW ☐ SE ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 250 710

Lease Name: MCCURRY

Well No: 2-21HC

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

MICAH ROSS GRAVES  
2806 SW 77TH STREET  
OKLAHOMA CITY OK 73159

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

Name	Depth	Name	Depth
1 MO'AN (UP GRANITE WASH)	11804	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 210384  
213498

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201407855  
201407854

Special Orders:

Total Depth: 16333

Ground Elevation: 2095

**Surface Casing: 600**

Depth to base of Treatable Water-Bearing FM: 490

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: 14-29002

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 21 Twp 11N Rge 25W County BECKHAM

Spot Location of End Point: NE NW NE NE

Feet From: NORTH 1/4 Section Line: 245

Feet From: EAST 1/4 Section Line: 710

Depth of Deviation: 10824

Radius of Turn: 520

Direction: 360

Total Length: 4692

Measured Total Depth: 16333

True Vertical Depth: 11804

End Point Location from Lease,

Unit, or Property Line: 245

Additional Surface Owner	Address	City, State, Zip
JASON C. ROSS	1432 SAVANNAH CIRCLE	ALTUS, OK 73521

## Notes:

### Category

### Description

PENDING CD - 201407854

11/26/2014 - G91 - 21-11N-25W  
X210384/213498 MOUGW  
1 WELL  
NO OP. NAMED  
REC. 11-10-2014 (PORTER)

PENDING CD - 201407855

11/26/2014 - G91 - (I.O.) 21-11N-25W  
X210384/213498 MOUGW  
SHL NCT 250 FSL, NCT 660 FEL  
1ST PERF NCT 330 FSL, NCT 660 FEL  
LAST PERF NCT 330 FNL, NCT 660 FEL  
BHL NCT 245 FNL, NCT 660 FEL  
NO OP. NAMED  
REC. 11-10-2014 (PORTER)

SPACING - 210384

11/26/2014 - G91 - (640) 21-11N-25W  
EXT 67733/147147 MOUGW, OTHERS  
EXT OTHERS

SPACING - 213498

11/26/2014 - G91 - NPT 210384 CORRECT EFFECTIVE DATE AND CONFIRM 210384

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

009 21965 MCCURRY 2-21HC

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

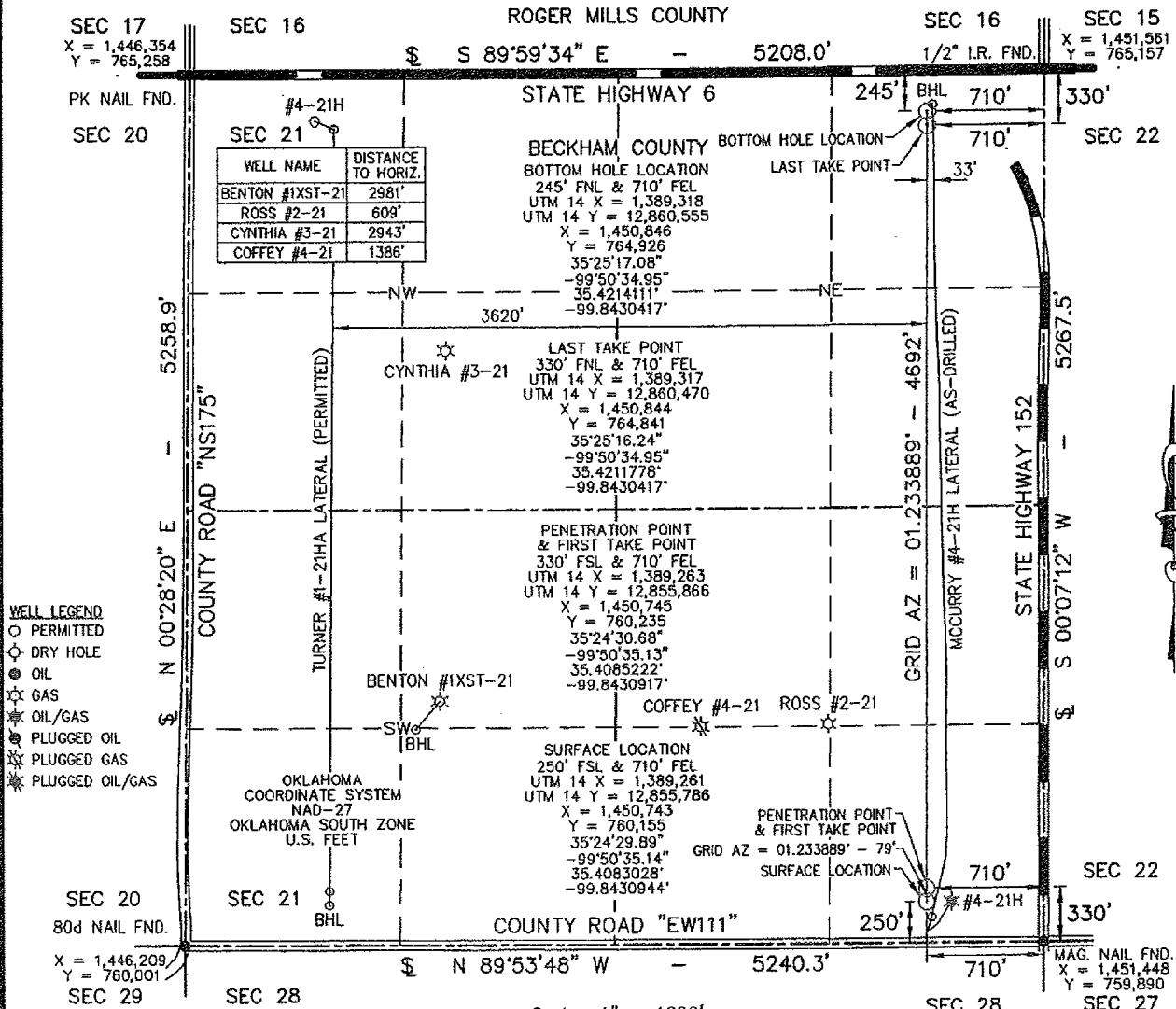
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

009-21965

# PROPOSED NEW WELL LOCATION PLAT

EXHIBIT "A"

COMPANY ENERVEST OPERATING, LLC LEASE McCURRY WELL NO. 2-21HC  
 SECTION 21 TOWNSHIP 11-N RANGE 25-WM LOCATION 250' FSL 710' FEL  
 COUNTY BECKHAM STATE OKLAHOMA TOPOGRAPHY AND VEGETATION EXISTING PAD  
 LATITUDE 35°24'29.89" LONGITUDE -99°50'35.14" NAD27 ELEVATION 2095' NGVD29 DATE STAKED 9/25/14  
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 4.0 MILES SOUTHEAST OF SWEETWATER, 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.
- 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: 9/30/14

**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: AJV  
 DATE: 9/30/14  
 CHECKED: MLS  
 REVISION:



JOB NO. 214-808-1